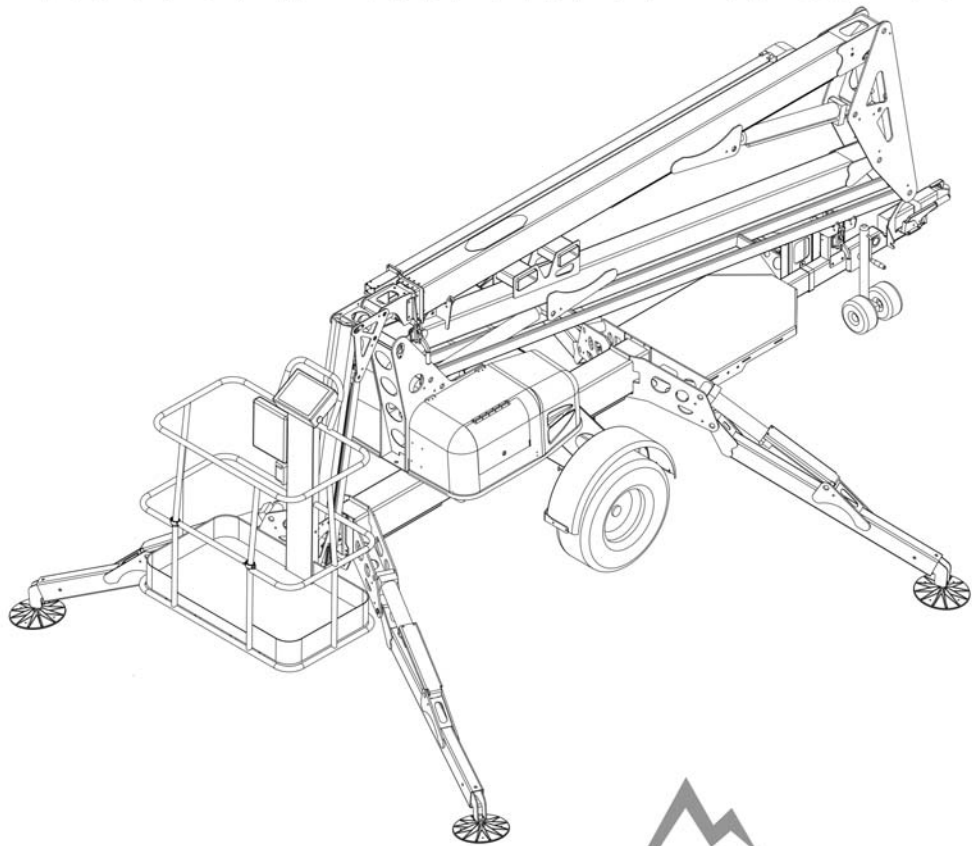


PARTS MANUAL

Haulotte 
GROUP

4527A / HTA 16 P



 **SUMMIT**SERIES
TRAILER-MOUNTED BOOMS™

AERIAL WORK PLATFORM

This equipment is designed and manufactured in compliance with the duties, responsibilities and standards set forth for manufacturers in the ANSI, CSA, AS and / or CE standards in effect at the time of manufacture.

This equipment meets or exceeds applicable ANSI, CSA, AS and / or CE codes and standards when operated in accordance with manufacturer's recommendations.

It is the responsibility of the user to follow all Federal, State, and Local codes and regulations that govern the safe operation of this equipment.

Obtain, read and obey all safety precautions before performing maintenance or repairs or attempting to operate this equipment. This includes all manufacturer recommendations as well as all Federal, State, and Local codes and regulations.

To ensure proper and safe use of this equipment, it is strongly recommended that only trained and authorized personnel attempt to operate and maintain the aerial work platform.

Owners and Lessors should complete a full inspection of all components and perform a test of all functions, including brake functions, before commissioning or reselling the aerial work platform. Repair or replace all damaged or malfunctioning components.

Haulotte Group is dedicated to the continuous improvement of this and all Haulotte Group products. Therefore, equipment information is subject to change without notice. Direct any questions or concerns regarding errors and / or discrepancies in this manual to the Haulotte Group Customer Service Department: at 1-800-537-0540 or visit Haulotte Group online at www.haulotte-usa.com.

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.



125 Taylor Parkway
Archbold, Ohio 43502

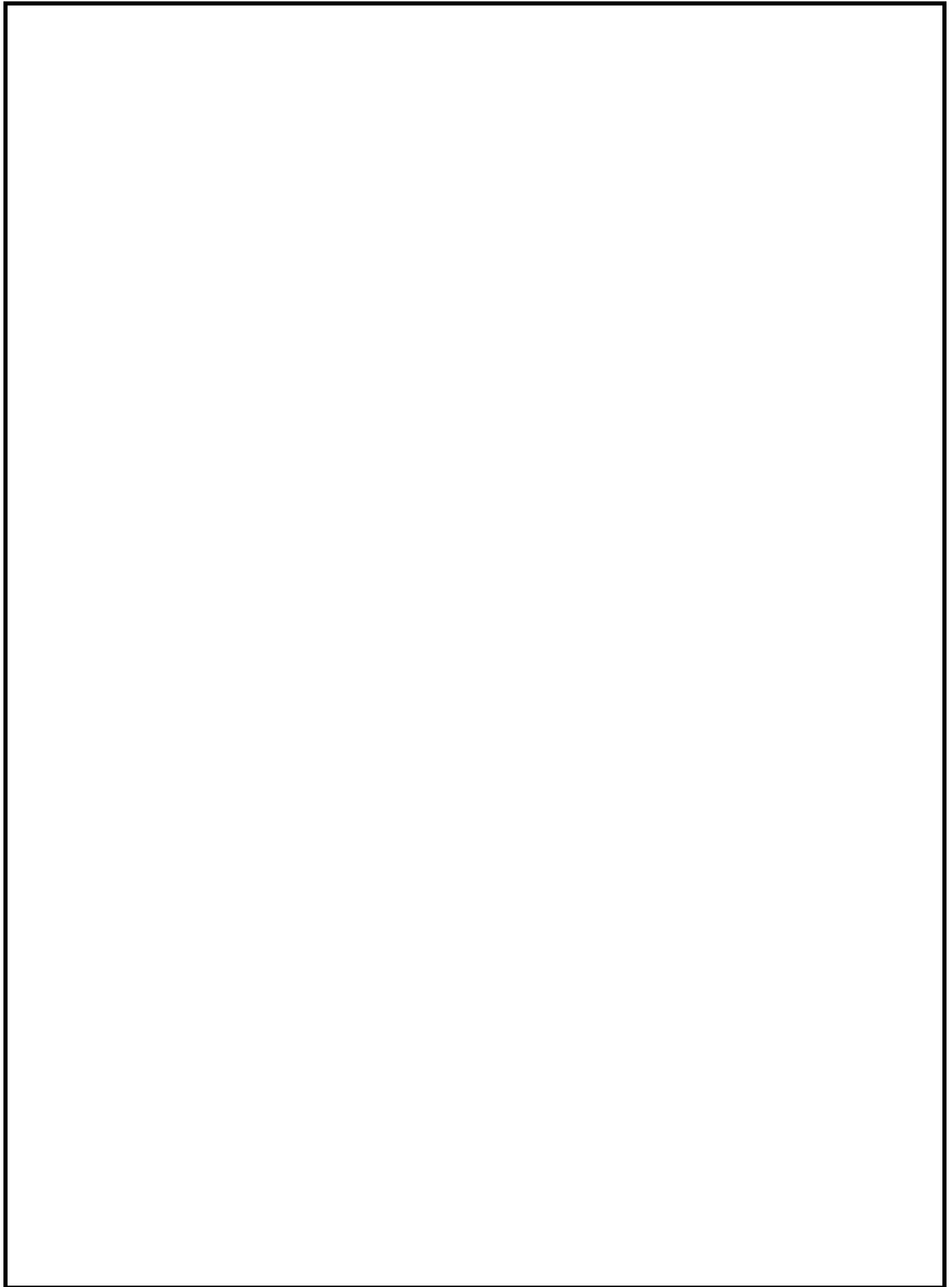
Phone 1-(888)-440-9240
Fax (419) 445-0367
www.haulotte-usa.com

TABLE OF CONTENTS

1 DECAL REPLACEMENT	7
1.1 DECAL KIT - ANSI	8
IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - ANSI	10
DECALS - ANSI	12
1.2 DECAL KIT - CE	16
IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - CE.....	18
1.3 DECAL KIT - AU	20
IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - AU	22
2 REPLACEMENT PARTS	25
2.1 TONGUE COMPONENTS	26
TONGUE ASSEMBLY - ANSI.....	26
TONGUE ASSEMBLY - CE	28
TONGUE ASSEMBLY - AU	30
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - ANSI	32
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - CE	34
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - AU	36
TONGUE ASSEMBLY FOR ELECTRIC BRAKE OPTION – ANSI ONLY	38
DOLLY WHEEL ASSEMBLY - ANSI, CE & AU	40
BOOM REST SWITCH ASSEMBLY - ANSI, CE & AU	42
BIKE CATCHER & SIDE LIGHTS ASSEMBLY - CE ONLY	44
2.2 BASE COMPONENTS	46
OUTRIGGER LEG ASSEMBLY - ANSI, CE & AU.....	46
OUTRIGGER FOOT ASSEMBLY - ANSI, CE & AU.....	48
BRAKE & AXLE ASSEMBLY - ANSI	50
BRAKE & AXLE ASSEMBLY - CE.....	52
BRAKE & AXLE ASSEMBLY - AU.....	54
BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - ANSI & AU	56
BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - CE	58
DRIVE MOTOR ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU.....	60
JIB REST ASSEMBLY - ANSI & AU	62
JIB REST ASSEMBLY - CE.....	64
REAR DOLLY WHEEL ASSEMBLY – CE ONLY	66
SLEW RING ASSEMBLY - ANSI, CE & AU.....	68
2.3 TURNTABLE COMPONENTS	70
BATTERY COMPARTMENT ASSEMBLY - ANSI, CE & AU	70
CONTROL COMPARTMENT ASSEMBLY - ANSI, CE & AU	72
CONTROL COMPARTMENT ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU.....	76
GROUND (LOWER) CONTROL BOX - ANSI, CE & AU	78
POWER UNIT COMPARTMENT ASSEMBLY - ANSI, CE & AU.....	80
POWER UNIT COMPONENTS - ANSI, CE & AU	82
COVER ASSEMBLY - ANSI, CE & AU.....	86
2.4 BOOM AND PLATFORM COMPONENTS	88
BOOM ASSEMBLY - LOWER - ANSI, CE & AU	88
BOOM ASSEMBLY - KNUCKLE - ANSI, CE & AU	90
BOOM ASSEMBLY - UPPER - ANSI, CE & AU	92
JIB BOOM ASSEMBLY - ANSI, CE & AU.....	98
PLATFORM MOUNT ASSEMBLY - STANDARD – ANSI ONLY	100
PLATFORM MOUNT ASSEMBLY - LOAD SENSE - ANSI, CE & AU.....	102
PLATFORM ASSEMBLY - ANSI, CE & AU	104
PLATFORM TAIL LIGHT ASSEMBLY - ANSI, CE & AU	106
PLATFORM (UPPER) CONTROL BOX - ANSI, CE & AU.....	108

2.5 AC POWER HOOK-UP	110
AC POWER HOOK-UP ASSEMBLY - ANSI.....	110
AC POWER HOOK-UP ASSEMBLY - CE - UNIVERSAL	112
AC POWER HOOK-UP ASSEMBLY - CE - CONTINENTAL EUROPE	114
AC POWER HOOK-UP ASSEMBLY - CE - UNITED KINGDOM	116
AC POWER HOOK-UP ASSEMBLY - AUSTRALIA	118
3 SCHEMATICS	121
3.1 ELECTRICAL SCHEMATICS - ANSI	121
4527A / HTA 16 P MAIN ELECTRICAL SCHEMATIC - ANSI	121
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - ANSI.....	122
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - ANSI ..	123
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - ANSI	124
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - ANSI	125
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - ANSI	126
4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - ANSI.....	127
3.2 ELECTRICAL SCHEMATICS - CE	128
4527A / HTA 16 P ELECTRICAL SCHEMATIC - ELECTRICAL - CE	128
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - CE	129
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - CE	130
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - CE.....	131
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - CE.....	132
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - CE	133
4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - CE	134
3.3 ELECTRICAL SCHEMATICS - AU	135
4527A / HTA 16 P ELECTRICAL SCHEMATIC – ELECTRICAL - AU	135
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - AU	136
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - AU	137
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - AU.....	138
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - AU.....	139
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - AU.....	140
4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - AU	141
3.4 HYDRAULIC SCHEMATICS - ANSI, CE & AU	142
HYDRAULIC SCHEMATIC.....	142
HYDRAULIC SCHEMATIC FOR DRIVE & SET OPTION	144
A-03269 HYDRAULIC HOSE LAYOUT - BOOM.....	146
A-03182 HYDRAULIC HOSE LAYOUT - TRAILER.....	148
A-03938 HYDRAULIC HOSE LAYOUT FOR DRIVE & SET OPTION	150
3.5 WIRE HARNESSSES, WIRE ASSEMBLIES AND KITS	152
A-03723 TAIL LIGHT WIRE - ANSI	152
A-01246 TAIL LIGHT KIT ARTICULATING CAGE - ANSI	152
A-03731 TAIL LIGHT - ELECTRIC BRAKE OPTION - ANSI.....	153
A-03153 MARKER & TAIL LIGHT - ANSI & AU	153
A-03674 TAILER LIGHTS - CE.....	154
A-05682 TAIL LIGHT TO TOWER - CE.....	155
A-03687 TAILER LIGHTS - AU.....	156
A-03609 TAIL LIGHT TO TOWER - AU.....	157
A-03644 SWITCH ASSEMBLY - N/O - ANSI, CE & AU	158
A-03647 SWITCH ASSEMBLY - N/C - ANSI, CE & AU	158
A-03714 PLATFORM TO GROUND - ANSI, CE & AU.....	158
A-00718 POWER WIRE HARNESS – ANSI, CE & AU	159
A-03673 TAIL LIGHT TO TURNTABLE WIRE HARNESS – CE	159
A-03716 PUMP & CYLINDER - ANSI, CE & AU	160
A-03717 SWIVEL / STROBE WIRE HARNESS - ANSI, CE & AU	161

A-03721 STROBE LIGHT WIRE HARNESS - ANSI, CE & AU	162
A-03724 SECONDARY CYLINDER WIRE HARNESS - ANSI, CE & AU.....	162
A-03725 JIB WIRE HARNESS - ANSI, CE & AU	162
A-03729 JIB ROTATE - WIRE HARNESS – ANSI ONLY.....	162
A-03726 110 VOLT TRAILER TOWER WIRE HARNESS – ANSI & CE	163
B01-01-0194 GFI BOX TO TRAILER WIRE HARNESS - ANSI & CE.....	163
B01-01-0195 GFI BOX TO PLATFORM WIRE HARNESS – ANSI & CE.....	163
A-03722 110 VOLT TO PLATFORM WIRE HARNESS – ANSI & CE	163
A-03685 AC TOWER TO PLATFORM WIRE HARNESS – AU.....	164
A-03686 AC TRAILER TO CHARGER WIRE HARNESS – AU.....	164
B01-01-0197 WIRE 12 GAGE X 12” GREEN - AU.....	164
B01-01-0198 WIRE 12 GAGE X 12” WHITE - AU.....	164
B01-01-0199 WIRE 12 GAGE X 12” BLACK – AU.....	164
A-00715 ANALOG WIRE HARNESS - PRIOR TO 2008 - ANSI, CE & AU	165
A-00721 ANALOG WIRE HARNESS - EFFECTIVE 2008 - ANSI, CE & AU.....	166
A-00948 ANALOG - WIRE HARNESS - DRIVE & SET OPTION - ANSI, CE & AU.....	166
A-00948 ANALOG - WIRE HARNESS - DRIVE & SET OPTION - ANSI, CE & AU.....	167
B01-01-0188 FUSE / DUAL CONTACTER WIRE HARNESS - ANSI, CE & AU	167
A-00272 BATTERY LAYOUT - ANSI, CE & AU.....	168
A-00943 BATTERY LAYOUT FOR DRIVE & SET OPTION - ANSI, CE & AU.....	169
A-03700 AIR LINE TO PLATFORM – ANSI, CE & AU	170
A-03701 WATER LINE TO PLATFORM – ANSI, CE & AU	170
A-03187 PARKING BRAKE CABLE ASSEMBLY - ANSI & AU	171
3.6 DRIVE & SET OPTION - WIRE HARNESSES, WIRE ASSEMBLIES & KITS.....	172
A-00928 MANIFOLD FOR DRIVE & SET OPTION - ANSI, CE & AU	172
A-03939 OUTRIGGER COIL TO SWITCHES - DRIVE & SET OPTION - ANSI, CE & AU... ..	174
A-00947 MANIFOLD HARNESS - DRIVE & SET OPTION - ANSI, CE & AU	175
A-03937 BRAKE SWITCH - DRIVE & SET OPTION - ANSI, CE & AU.....	175
3.7 GENERATOR OPTION - WIRE HARNESSES, WIRE ASSEMBLIES & KITS	176
A-00179 110 VOLT IEC - GENERATOR OPTION - ANSI.....	176
A-01416 AC PLUG WIRE HARNESS – GENERATOR OPTION - ANSI.....	176
A-00425 MOTOR WIRE HARNESS - GENERATOR OPTION - ANSI, CE & AU.....	176
A-01415 MOTOR START / KILL WIRE HARNESS - GENERATOR OPTION - ANSI, CE & AU.....	177
A-01446 RED WIRE 8 GAGE – 140” LONG - GENERATOR OPTION - ANSI, CE & AU.....	177
A-01447 BLACK WIRE 8 GAGE - 140” LONG - GENERATOR OPTION - ANSI, CE & AU	177
A-03042 IEC CORD - GENERATOR OPTION - ANSI, CE & AU	178
B01-10-0348 IEC CORD - EUROPE	178
A-01470 TRAILER HARNESS 220 VOLTS - GENERATOR OPTION - CE ONLY	178
4 OPTIONAL EQUIPMENT.....	179
4.1 IC ENGINE / GENERATOR - ANSI, CE & AU.....	180
IC ENGINE / GENERATOR - COVER & TRAY ASSEMBLY - ANSI, CE & AU.....	180
IC ENGINE / GENERATOR - MOTOR MOUNT ASSEMBLY - ANSI, CE & AU.....	182
4.2 MANUAL PLATFORM ROTATER ASSEMBLY - ANSI, CE & AU	184
4.3 MATERIAL LIFT ASSEMBLY - ANSI ONLY.....	186
MATERIAL LIFT HOOK - ANSI ONLY.....	188
4.4 SPARE TIRE ASSEMBLY – ANSI, CE & AU	192



1 DECAL REPLACEMENT



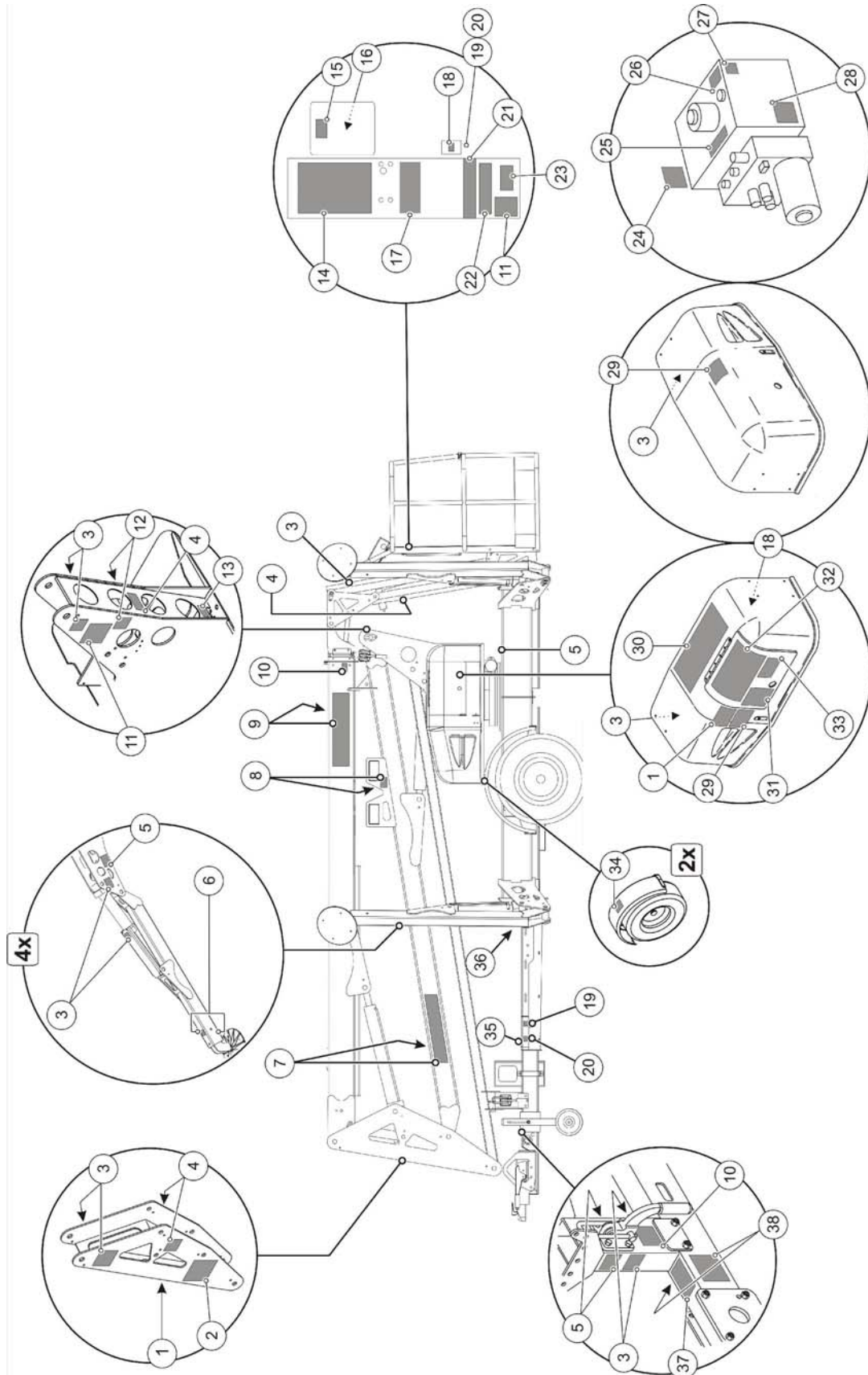
WARNING

Decals contain information that is required for the safe and proper use of the aerial work platform.

Decals should be considered necessary components of the machine and should be checked before each use to verify that they are correctly attached and legible.

Promptly replace all decals that are no longer legible.

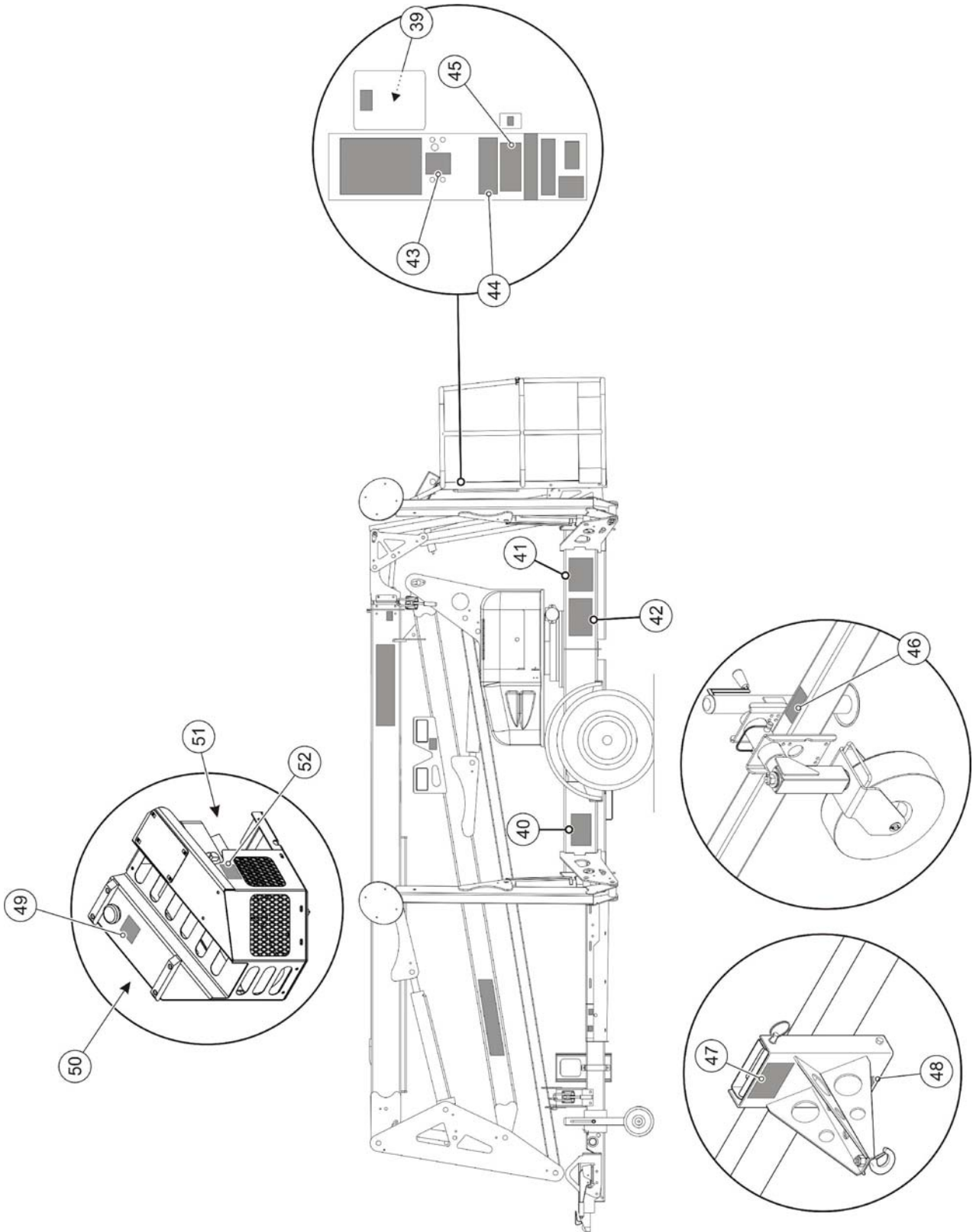
1.1 DECAL KIT - ANSI



DECAL KIT - ANSI

B06-01-4012		DECAL KIT - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B06-00-0550	Decal - Warning - Unhitch To Operate	2
2	B06-00-0551	Decal - Caution - Latch / Jack / Brake	1
3	B06-00-0405	Decal - Warning - Hand Pinch Point	17
4	B06-00-0403	Decal - Emergency Lower Valve	4
5	B06-00-0521	Decal - Danger - Tip Over Hazard	7
6	B06-00-0404	Decal - Warning - Outrigger Crush Foot	8
7	B06-00-0161B	Decal - 'Haulotte BilJax' - 5in Black / Red on Clear	2
8	B06-00-0477	Decal - Warning - Fork Lift Use	2
9	B06-00-0539	Decal - 4527A Transfer - Black	2
10	B06-00-0481	Decal - Caution - Transport Latch	2
11	B06-00-0536	Decal - Notice - Range of Motion - 4527A	2
12	B06-00-0482	Decal - Danger - Electrocution	2
13	B06-00-0037	Decal - "Lubricate Semi - Annually"	1
14	B06-00-0471	Decal - Danger - Main Instruction / Hazard - Platform	1
15	B06-00-0475	Decal - Warning - Read / Understand Manual	1
16	B06-00-0473	Decal - Notice - Operator Manual Missing	1
17	B06-00-0534	Decal - Warning - Platform Operation - Articulating	1
18	B06-00-0062	Decal - Notice - AC Power	2
19	B06-00-0530	Decal - Air - 120 PSI	2
20	B06-00-0531	Decal - Water - 3000 PSI	2
21	B06-00-0552	Decal - Notice - Lanyard Attachment	1
22	B06-00-0474	Decal - Notice - Platform Maximum Load	1
23	0202-0523	Decal - Flag, Made In USA	1
24	B06-00-0503	Decal - Notice - Handle Applications	1
25	B06-00-0504	Decal - Notice - Emergency Hand Pump	1
26	B06-00-0068	Decal - Notice - Low Foam Hydraulic Oil	1
27	B06-00-0494	Decal - Notice - Contains Hazardous Material	1
28	B06-00-0541	Decal - Caution - Manual Rotate / Retract	1
29	B06-00-0495	Decal - Caution - Compartment Access	2
30	B06-00-0505	Decal - Danger - Main Instruction / Hazard - Base	1
31	B06-00-0034	Decal - Danger - Battery / Charger Safety	1
32	B06-00-0533	Decal - Warning, Ground Operation Instructions - Articulating	2
33	B06-00-0484	Decal - Danger - Battery / Charger Instruction	1
34	B06-00-0543	Decal - Warning - Crush Hazard	2
35	B06-00-0496	Decal - Caution - Generator Plate Maximum 200	1
36	B06-00-0478	Decal - Notice - AC Power Connection	1
37	B06-00-0542	Decal - Warning - Maximum Tow Speed 65	1
38	B06-00-0544	Decal - Warning - Tow Hazard 65 mph	2

IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - ANSI



IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - ANSI

IDENTIFICATION PLATES (Used on all standard equipment)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
39	B06-00-0526	Key Ring Tag	1
40	B06-00-0524	Annual Inspection Plate	1
41	B06-00-0490	VIN Plate	1
42	B06-00-0499	ANSI ID Plate	1

REPLACEMENT DECALS FOR OPTIONAL EQUIPMENT - ANSI

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
43	B06-00-0529	Decal - Notice - Platform Rotate (Manual Rotation Option)	1
44	B06-00-0527	Decal - Warning - Drive and Set (Drive and Set Option)	1
45	B06-00-0528	Decal - Notice - Drive and Set (Drive and Set Option)	1
46	B06-00-0553	Decal - Warning - Jockey Wheel (Drive and Set Option)	1
47	B06-00-0485	Decal - Notice - Material Lift Set - up (Material Lift Option)	1
48	B06-00-0497	Decal - Notice - Material Lift Max 500 (Material Lift Option)	1
49	B06-00-0487	Decal - Notice - Unleaded Fuel Only (Gas Engine Option)	1
50	B06-00-0488	Decal - Caution - Component Damage (Gas Engine Option)	1
51	B06-00-0486	Decal - Notice - Engine Specifics (Gas Engine Option)	1
52	B06-00-0547	Decal - Warning - Eng Operate - Hot (Gas Engine Option)	1

DECALS - ANSI

⚠ DANGER

FAILURE TO READ, UNDERSTAND AND FOLLOW THESE SAFETY INSTRUCTIONS OR ANY IMPROPER USE OF THIS EQUIPMENT WILL RESULT IN SERIOUS INJURY OR DEATH.

BEFORE USE
Operator is responsible for proper machine operation.

DO NOT operate this machine unless you have:

- been fully trained in proper operation.
- read and understood Operators Manual.
- read and understood all warning and instruction decals.

Inspect lift for any damaged or worn components (see Operators Manual for complete maintenance and inspection procedures)

NEVER TAKE CHANCES - DO NOT use this lift if you are under the influence of drugs or alcohol, or if you feel dizzy, ill or unsteady.

SET UP
Survey the jobsite and identify all potential hazards. Operator is responsible to avoid all hazardous situations. Cordon off area around base to keep unauthorized personnel and other equipment away from machine. Operate on firm and level surface only. DO NOT use machine on any surface which will not support the load applied to outrigger foot pad.

Lower all four outriggers until weight of the machine is fully supported by the outriggers and machine is level (green "auto level" light should be on).

Using ground controls, perform operational test of all boom functions.

When working on public roads, warnings and barriers must be set up in accordance with all local, state and federal traffic codes.

ELECTROCUTION HAZARDS
This machine is NOT electrically insulated and DOES NOT provide protection for personnel from contact with, or close proximity to, any live electrical power source and should be considered energized by all personnel coming in contact with machine.

Voltage Range (Phase to Phase)	Minimum Safe Approach Distance (Feet)	(Meters)
0 to 300V	Avoid Contact	
Over 300V to 50KV	10	3.05
Over 50KV to 200KV	15	4.60
Over 200KV to 350KV	20	6.10
Over 350KV to 500KV	25	7.62
Over 500KV to 750KV	35	10.67
Over 750KV to 1000KV	45	13.72

TIP HAZARDS
DO NOT use unless all four outriggers are completely lowered and the machine is level.
DO NOT release outriggers with boom extended or operator occupying platform.
DO NOT exceed rated load capacity.
DO NOT set machine up on any surface unless it can be leveled using only outriggers.
DO NOT use chocks, blocks or shims of any kind to level machine.
DO NOT continue to operate machine if tilt alarm sounds. Retract and lower boom immediately.
DO NOT operate machine in strong or gusty winds.
DO NOT increase surface area of platform. Increasing areas exposed to wind will decrease machine stability.
DO NOT push off or pull on any object outside of the platform.

IF YOU HAVE NOT BEEN PROVIDED WITH SAFETY LITERATURE, OR FOR ANY QUESTIONS CONCERNING THE SAFE USE OF THIS MACHINE, CONTACT YOUR LOCAL BIL-JAX DISTRIBUTOR, OR BIL-JAX, INC. AT 419-445-8915.

LITA B06-00-0471

B06-00-0471

⚠ DANGER

FAILURE TO FOLLOW THESE BATTERY AND CHARGER SAFETY RULES WILL CAUSE SERIOUS INJURY OR DEATH.

ELECTROCUTION HAZARDS
Risk of Electric Shock

- DO NOT expose batteries or charger to water and/or rain.
- DO NOT use frayed or damaged electric cords when charging.
- Connect input cord only to properly grounded three wire outlet with specified voltage and frequency.

BURN HAZARDS

- Batteries contain acid. **Always** wear protective eyewear, face shield and protective clothing when working on or near battery.

EXPLOSION HAZARDS

- DO NOT contact battery terminals or cable clamps with tools that may cause sparks.
- During charging, explosive oxyhydrogen gas is generated.
- DO NOT smoke or allow open fire, sparks, or embers near battery when charging.

COMPONENT DAMAGE HAZARDS

- Keep terminals and terminal connections clean.
- Batteries must be charged using rated voltage noted on serial plate.
- Consult Operators Manual and Parts and Service Manual for additional information on battery maintenance.

BILJAX B06-00-0034

B06-00-0034

⚠ DANGER

ELECTROCUTION HAZARD

It is unlawful to operate this equipment within 10 feet of high voltage lines of 50,000 volts or less. This machine is NOT insulated. Do not use within 10 ft. of power lines or other electrically charged sources. This machine DOES NOT provide protection for personnel from contact with or close proximity to any live electrical power source and should be considered energized by all personnel coming in contact with machine.

KEEP CLEAR

LITA B06-00-0482

B06-00-0482

⚠ DANGER

BATTERY AND CHARGER OPERATING INSTRUCTIONS

OBSERVE AND FOLLOW

- Do not use external charger or booster battery.
- Recharge batteries after each work shift.
- Use proper AC input voltage for charging as indicated on charger.
- Do not expose charger to water.

TO CHARGE BATTERY

- Remove battery vent caps and check battery fluid level. If necessary, add only enough water to cover the plates. Do not overfill. Replace battery vent caps.
- Be sure battery disconnect plug is connected before charging batteries.
- Connect the battery charger to a grounded AC circuit.
- The charger will automatically shut off when charging cycle is complete.

LITA B06-00-0484

B06-00-0484

⚠ DANGER

TIP-OVER HAZARD

Machine tip-over will cause death or serious injury. Do not alter or disable limit switch(es).

LITA B06-00-0521

B06-00-0521

4527A

B06-00-0539

Haulotte GROUP

BILJAX

Proudly Made In The USA

0012-0629

0202-0523

AIR

120 PSI

LITA B06-00-0530

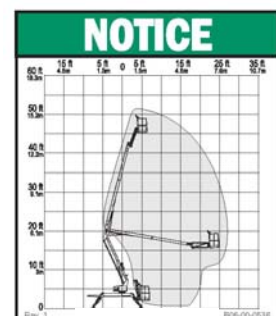
B06-00-0530

WATER

3000 PSI

LITA B06-00-0531

B06-00-0531



B06-00-0536

DECALS - ANSI (CONTINUED)

⚠ DANGER

FAILURE TO READ, UNDERSTAND AND FOLLOW THESE SAFETY INSTRUCTIONS OR ANY IMPROPER USE OF THIS EQUIPMENT WILL RESULT IN SERIOUS INJURY OR DEATH.

BEFORE USE
Operator is responsible for proper machine operation.
DO NOT operate this machine unless you have:
• been fully trained in proper operation.
• read and understood Operators Manual.
• read and understood all warning and instruction decals.

Inspect lift for any damaged or worn components (see Operators Manual for complete maintenance and inspection procedures)

NEVER TAKE CHANCES - DO NOT USE this lift if you are under the influence of drugs or alcohol, or if you feel dizzy, ill or unsteady.

SET UP
Survey the jobsite and identify all potential hazards. Operate on firm and level surface only.
DO NOT use machine on any surface which will not support the load applied to outrigger foot pad.
Lower all four outriggers until weight of the machine is fully supported by the outriggers and machine is level (green "auto level" light should be on).
Using ground controls, perform operational test of all boom functions.
When working on public roads, warnings and barriers must be set up in accordance with all local, state and federal traffic codes.

ELECTROCUTION HAZARDS
This machine is NOT electrically insulated and DOES NOT provide protection for personnel from contact with, or close proximity to, any live electrical power source and should be considered energized by all personnel coming in contact with machine.

Voltage Range (Phase to Phase)	Minimum Safe Approach Distance (Feet)	Minimum Safe Approach Distance (Meters)
0 to 300V	Avoid Contact	
Over 300V to 50kV	10	3.35
Over 50kV to 200kV	15	4.80
Over 200kV to 350kV	20	6.10
Over 350kV to 500kV	25	7.62
Over 500kV to 750kV	35	10.67
Over 750kV to 1000kV	45	13.72

TIP HAZARDS
DO NOT use unless all four outriggers are completely lowered and the machine is level.
DO NOT release outriggers with boom extended.
DO NOT exceed rated load capacity.
DO NOT set machine up on any surface unless it can be leveled using only outriggers.
DO NOT use chocks, blocks or shims of any kind to level machine.
DO NOT continue to operate machine if tilt alarm sounds. Retract and lower boom immediately.
DO NOT operate machine in strong or gusty winds.
DO NOT increase surface area of platform.
Increasing areas exposed to wind will decrease machine stability.
DO NOT push off or pull on any object outside of the platform.
DO NOT place or attach overhanging loads to any part of platform.
DO NOT exceed platform capacity when transferring loads to the platform while elevated.

FALL HAZARDS
DO NOT lean out over top edge of platform guard rails to perform work.
• Maintain a firm footing on the platform at all times.
DO NOT use boxes, ladders, scaffolding, or any other means to increase working height.
DO NOT climb up or down boom.
DO NOT climb down from platform when raised.
DO NOT allow ropes, electric cords, hoses, or similar objects to become entangled in the machine.
DO NOT operate machine without platform entry mid-rail fully lowered.
DO NOT move or reposition machine while platform is raised.

COLLISION HAZARDS
DO NOT use where lift operator can come in contact with overhead obstructions such as electric wires, cables, ropes, overhangs or similar hazards.
To avoid hand injuries, always keep hands inside platform area during boom movement.

MISUSE HAZARDS
DO NOT override, alter, or bypass safety devices.
DO NOT use boom turntable rotation or platform rotation for pushing or pulling.
DO NOT use platform as a crane for lifting materials. Always remove platform and use optional material lifting hook attachment.
DO NOT use when exposed to rain, snow, or other severe weather.

EXPLOSION HAZARDS
DO NOT allow flames, sparks, or embers near batteries.
DO NOT smoke near batteries. Batteries produce a hydrogen-oxygen gas mixture which can explode.
DO NOT smoke while near fuel tank on internal combustion engine.

GENERAL INSTRUCTIONS
Be sure all tires are in good condition, air filled tires are properly inflated and lug nuts are properly tightened.
DO NOT leave keys in machine while unattended.

DRIVE FUNCTION HAZARDS
Maintain an awareness of limited sight and blind spots.
Limit drive speeds according to surface conditions, slope, location of personnel and obstructions.
DO NOT engage in stunt driving or horseplay.
DO NOT operate internal combustion engine in an area that is not ventilated.

IF YOU HAVE NOT BEEN PROVIDED WITH SAFETY LITERATURE, OR HAVE QUESTIONS CONCERNING THE SAFE USE OF THIS LIFT, CONTACT YOUR REGIONAL BIL-JAX DEALER, OR BIL-JAX, INC. AT 800-537-0540.

B06-00-0505

⚠ WARNING

GROUND OPERATING INSTRUCTIONS

UNHITCHING
Machine must be unhitched from vehicle before setting up.
1. Apply parking brake.
2. Remove lighting plug, safety chains and break away cable from vehicle.
3. Release trailer coupler from tow vehicle.
4. Deploy and lower trailer tongue jack.

SETTING UP
1. Read and follow all instructions in Operators Manual and on all decals prior to operation.
2. Check that personnel and obstructions are clear of outriggers.
3. Set key switch to ground controls.
4. Release both emergency stop buttons (ground and platform controls).
5. Deploy outriggers using:
AUTO LEVEL
Press and hold "extend" and "auto level" button simultaneously, or
MANUAL LEVEL
Deploy the two outriggers closest to the trailer coupler first.
Manually lower each outrigger by pressing "extend" and the individual outrigger buttons simultaneously.
6. When properly leveled, two lights at each outrigger button and the light at the "auto level" button will be on.

Improper use of this equipment will result in serious injury or death. This machine must not be operated unless you are completely familiar with and follow all instructions contained in the Operators Manual.

ARTICULATING MODEL

OPERATING INSTRUCTIONS
1. Undamp boom transport latch(es).
2. Check all functions for proper operation.
• Set key switch to ground controls.
• Release both emergency stop buttons (ground and platform controls).
• Select function and speed by pressing the appropriate buttons simultaneously.
3. Fully retract, then lower boom to stowed position. Move key switch to platform controls. Lift is now ready for operation from the platform.
When using optional material lifting hook, see Operators Manual for instructions.

WARNING DEVICE
Tilt alarm will sound if boom becomes out of level. If this occurs, operator must immediately:
1. Retract extension boom.
2. Rotate and lower platform into stowed position.
3. Check outrigger footing and relevel lift.

EMERGENCY STOP
Push in red emergency stop button to stop all functions.

EMERGENCY LOWERING
Emergency lowering can only be accomplished from the ground.
1. Open cover on opposite side of ground control panel.
2. Locate instruction decal.
3. Follow instructions for Auxiliary/Manual Boom Rotation, Retraction and Lowering.

STOWING LIFT
1. Retract extension boom.
2. Rotate and lower platform into stowed position.
3. Engage and lock boom transport latch(es).
4. Fully raise outriggers using:
AUTO RETRACT
Press and hold "retract" and "auto level" button simultaneously, or
INDIVIDUAL RETRACT
Retract the two outriggers farthest from the trailer coupler first.
Raise each outrigger by pressing "retract" and the individual outrigger buttons simultaneously.

TOWING
Before towing, boom must be in stowed position. See stowing lift section.
1. Secure trailer coupler to towing vehicle.
2. Attach safety chains, break away cable and lighting plugs to tow vehicle. Secure for safe transit.
3. Confirm all lights are working properly.
4. Fully raise and stow trailer tongue jack.
5. Release parking brake.
• Trailer weight must not exceed vehicle towing capacity.
• Do not exceed maximum towing speed.

B06-00-0533

⚠ WARNING

PLATFORM OPERATING INSTRUCTIONS

Improper use of this equipment will result in serious injury or death. This machine must not be operated unless you are completely familiar with and follow all instructions contained in the Operators Manual.

OPERATING INSTRUCTIONS
1. Read and follow all instructions in Operators Manual and on all decals prior to operation.
2. Follow the instructions on the ground controls for "Unhitching", "Setting Up" and "Operating Instructions".
3. Verify outriggers are properly set and lift is level.
4. Always wear full body harness and attach lanyard to the fall protection attachment.
5. Both emergency stop buttons (ground and platform controls) should be in the released position.
6. Press and hold the desired function and speed button simultaneously.

EMERGENCY STOP
Push in red emergency stop button to stop all functions.

WARNING DEVICE
Tilt alarm will sound if boom becomes out of level. If this occurs, operator must immediately:
1. Retract extension boom.
2. Rotate and lower platform into stowed position
3. Check outrigger footing.
4. Relevel lift.

B06-00-0534

⚠ WARNING

CRUSH HAZARD



Stand clear of outrigger being lowered or raised.
Contact with outrigger will cause serious crushing injury.

B06-00-0404

B06-00-0534

DECALS - ANSI (CONTINUED)

⚠ WARNING

TOWING HAZARDS

Read, understand and follow all of the tow vehicle manufacturer's recommendations, warnings and instructions before towing this trailer.

Do not exceed maximum towing speed: 65 mph/105 km/h

Do not exceed Gross Vehicle Weight Rating (GVWR).

Do not exceed the vehicle tow rating.

Do not exceed the Gross Combination Weight Rating (GCWR).

Do not exceed the Gross Axle Weight Rating (GAWR).

Be sure safety chains are securely attached to tow vehicle.

Failure to read, understand and follow these safety rules will result in property damage, serious injury or death.

Do not transport machine unless all transport latches have been engaged and locked. Tongue jack must be raised and stowed. Parking brake must be released. Do not load cargo on trailer.

Be sure coupler is securely attached to tow vehicle and hitch ball is securely attached to hitch.

Be sure that all lights are operational. Be sure all lights and hitch components conform to Federal and local regulations. Be sure tires are properly inflated.

TTA B06-00-0544

B06-00-0544

⚠ WARNING

LIFT MUST BE UNHITCHED FROM TOW VEHICLE PRIOR TO OUTRIGGER DEPLOYMENT.

TIP OVER HAZARD

Failure to comply with the above instruction may result in lift tip over causing injury or death to operator.

DAMAGE HAZARD

Failure to comply with the above instruction may result in damage.



UTR B06-00-0550

B06-00-0550

⚠ WARNING

PINCH POINT HAZARD



STAY CLEAR

UTA B06-00-0405

B06-00-0405

⚠ WARNING

Failure to read, understand and follow enclosed Operators Manual may result in serious injury or death.

UTA B06-00-0475

B06-00-0475

⚠ WARNING

MAXIMUM TOWING SPEED:

65 mph / 105 km/h

Follow all local and national towing speed regulations.

TTA B06-00-0542

B06-00-0542

⚠ WARNING

CRUSH HAZARD

Keep feet clear of tires when retracting outriggers. Failure to comply with this will result in a serious crushing injury.



UTA B06-00-0543

B06-00-0543

⚠ WARNING

FORK LIFT USE

Engage and lock boom transport latch(es) before lifting.

Do not exceed forklift lifting capacity. Fully insert forks into pockets.

Failure to follow all forklift rules and instructions will result in property damage, serious injury or death.

TTA B06-00-0477

B06-00-0477

⚠ CAUTION

All boom sections must be fully retracted then completely lowered to tow.

All transport latches must be fully engaged and locked.

UTA B06-00-0481

B06-00-0481

⚠ CAUTION

COMPARTMENT ACCESS IS RESTRICTED

Improper contact with components under any cover will cause serious injury.



Only trained and authorized maintenance personnel should access compartments.

Access by operator is only advised when performing preoperation inspection. All compartments must remain closed and secured during operation and transport.

UTA B06-00-0495

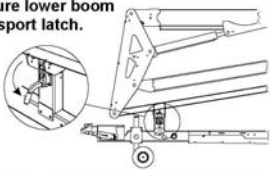
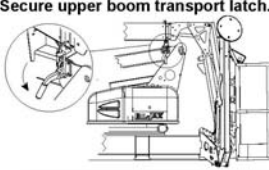
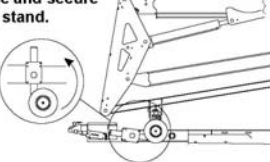
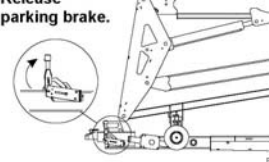
B06-00-0495

⚠ CAUTION

PRIOR TO TOWING INSTRUCTIONS

Failure to follow all towing instructions below will cause damage to equipment and/or tow vehicle.

Note: Lift must be hitched to tow vehicle prior to raising jack stand.

<p>Secure lower boom transport latch.</p> 	<p>Secure upper boom transport latch.</p> 
<p>Raise and secure jack stand.</p> 	<p>Release parking brake.</p> 

UTR B06-00-0551

B06-00-0551

⚠ CAUTION

MANUAL BOOM FUNCTIONS

- Turn proportional valve (figure 1) counterclockwise until it stops.
- Insert pump handle into hand pump (figure 2).

MANUAL RETRACTION

Push and hold retract button (figure 3) and simultaneously pump hand pump.

MANUAL ROTATION

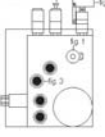
To rotate clockwise: Push and hold rotation button (figure 4) and simultaneously pump hand pump.

To rotate counterclockwise: Pull rotation button out (figure 4) and simultaneously pump hand pump.

NOTE: Turn proportional valve clockwise into original position prior to manual lowering or lift operation.

MANUAL LOWERING

Lower each boom individually by pushing the release valve located on each cylinder.



TTA B06-00-0541

B06-00-0541

⚠ CAUTION

GENERATOR MOUNTING PLATE

Maximum Load:

200 lbs. / 91 kg

Secure equipment on plate. Do not exceed maximum load capacity. Unsecured or overloaded cargo will cause damage and serious injury.

TTA B06-00-0496

B06-00-0496

LUBRICATE SEMI-ANNUALLY

COIA B06-00-0037

B06-00-0037

NOTICE

FALL PROTECTION ATTACHMENT POINTS



LIMIT ONE PERSON PER ATTACHMENT POINT. LANYARDS SHOULD NOT EXCEED 6ft (2m) IN LENGTH.

ETRAJCC B06-00-0552

B06-00-0552

NOTICE

EMERGENCY HAND PUMP HANDLE INSERTION



TTA B06-00-0504

B06-00-0504

NOTICE

AC power connection for platform and charger.

TTA B06-00-0478

B06-00-0478

DECALS - ANSI (CONTINUED)

NOTICE

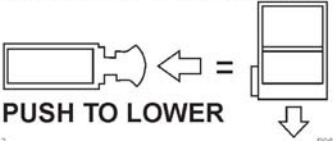
The hydraulic system of this machine is designed to use AW32 hydraulic oil with a viscosity index of 190 or higher.

Rev 4 B06-00-0068

B06-00-00068

NOTICE

EMERGENCY LOWERING VALVE



PUSH TO LOWER

Rev 2 B06-00-0403

B06-00-0403

NOTICE

If Operators Manual is missing, please contact your regional Haulotte dealer or Haulotte Services at 888-440-9240.

U1TA/ACC B06-00-0473

B06-00-0473

NOTICE

Handle should be used for the following applications:

- Manual Hand Pump
- Tire Iron

Rev 2 B06-00-0503

B06-00-0503

NOTICE

Not Equipped with Platform Rotation and/or Jib Rotate Total of occupants and equipment must not exceed 500 lbs. / 227 kg.	Maximum Load: 500 lbs. / 227 kg Maximum Occupants: 2
Equipped with Platform Rotation and/or Jib Rotate Total of occupants and equipment must not exceed 440 lbs. / 200 kg.	Maximum Load: 440 lbs. / 200 kg Maximum Occupants: 2

Rev 2 B06-00-0474

B06-00-0474

NOTICE

One or more of the following hazardous materials are used on this machine:


- Gasoline
- Liquid Petroleum Gas (LPG)
- Diesel Fuel
- Hydraulic Fluid
- Antifreeze
- Engine Oil
- Grease
- Lead Acid Battery

Rev 1 B06-00-0494

B06-00-0494

NOTICE

AC POWER



Rev 1 B06-00-0062

B06-00-0062

NOTICE

UNLEADED FUEL ONLY



U1TA B06-00-0487

B06-00-0487

WARNING

DRIVE AND SET HAZARDS Failure to read, understand and obey the following instructions may result in serious injury or death.

TIP-OVER HAZARD Use extreme care and slow speeds while driving machine in stowed positions across uneven terrain, debris, unstable or slippery surfaces. Do not drive near holes or drop-offs.	COLLISION HAZARDS Do not drive machine unless parking brake is set. Do not drive machine from ground. Platform must be fully lowered and the operator must be in platform. Be aware of limited sight distance and blind spots when driving or operating. Observe and use direction arrows on platform controls for drive and steer functions. Limit travel speed according to condition of ground surface, congestions, slope, location of personnel and any other factors which may cause collision.
--	---

CTR B06-00-0527

B06-00-0528

CAUTION

COMPONENT DAMAGE HAZARD
Prior to transport, close the fuel shut-off valve. Open valve for operation. Failure to close the fuel shut-off valve before transporting machine may result in engine damage.

U1TA B06-00-0488

B06-00-0488

NOTICE

Engine Specifications:
Honda GX270 VDE2 9.0 HP
Oil: SAE 10W-30
Oil Capacity: 1.16 qt / 1.1 ltr
Air Filter:
Honda 17210-ZE3-010
Honda 17210-ZE3-505
Engine RPM
Low idle: 1600-1800 rpm
High idle: 3600 rpm

U1TA B06-00-0489

NOTICE

DRIVE AND SET INSTRUCTION Parking brake on tongue must be set to operate drive system.

COMPLETELY LOWER PLATFORM Drive function will not operate unless platform is fully lowered. SET PARKING BRAKE ON TONGUE Drive function will not operate unless parking brake on tongue is set. RETRACT OUTRIGGERS All outriggers must be fully retracted prior to drive function.	DRIVE FROM PLATFORM INSTRUCTION Press and hold drive enable button; move joystick in the desired direction. Release drive enable button or joystick to stop. TO RAISE PLATFORM Deploy all outriggers. Using ground or platform controls, hold enable button and press extend. When level, machine level light will illuminate and confirming beep will sound. Machine must be set and level to operate boom functions.
---	--

CTR B06-00-0528

B06-00-0528

NOTICE

MATERIAL LIFTING CONFIGURATION

- Release clamp on the back of the platform control box and remove it from the bracket. Disconnect plug from the load sense module. Take box to area near ground controls.
- Open turntable cover at ground controls.
- Remove electric plug from bottom right of ground controls and insert platform control connection. Insert removed electric plug into load sense module where platform control box was connected. Close turntable cover.
- Secure platform while removing pin holding platform to boom.
- Lift platform up and remove from machine.
- Remove pin securing material lifting hook to base. Release material lifting hook.
- Insert material lifting hook into the bottom rail of the platform mounting bracket and rotate up into position. Insert clevis pin.
- Operate material lifting hook from ground with platform control box for optimal control. If using ground controls, be certain keyswitch is in correct position.
- Reverse above process to convert machine to personnel lift.

CTR B06-00-0485

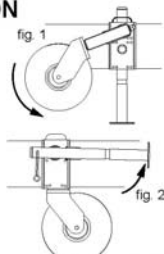
B06-00-0485

WARNING

JOCKEY WHEEL INSTRUCTION FOR DRIVE AND SET OPTION

Failure to follow instructions in the order listed below will result in equipment damage, serious injury or death.

1. Set parking brake. Lower jack stand and unhitch lift from tow vehicle. Move tow vehicle away from lift.
2. Remove lock pin on jockey wheel and swing into lowered position. (fig. 1) Insert lock pin to secure the jockey wheel in lowered (drive) position.
3. Raise jack stand and swing into stowed position. (fig. 2)
4. Lift is ready for drive functions.
5. To prepare lift for towing, reverse instructions prior to hitching.



U1TA B06-00-0553

B06-00-0553

WARNING

Failure to read, understand and obey the following safety rules could result in serious injury or death.

DO NOT TOUCH



HOT SURFACE

ENGINE OPERATION
Do not operate engine indoors. When indoors, operate machine using battery power only. This machine can be operated with or without the engine running. Start engine by pressing engine start button. In cold conditions, hold choke down and press engine start. See Operator's Manual for additional instruction.

U1TA/ACC B06-00-0547

B06-00-0547

NOTICE

MATERIAL LIFTING HOOK

Maximum Load:
500 lbs / 227 kg

U1TA B06-00-0497

B06-00-0497

NOTICE

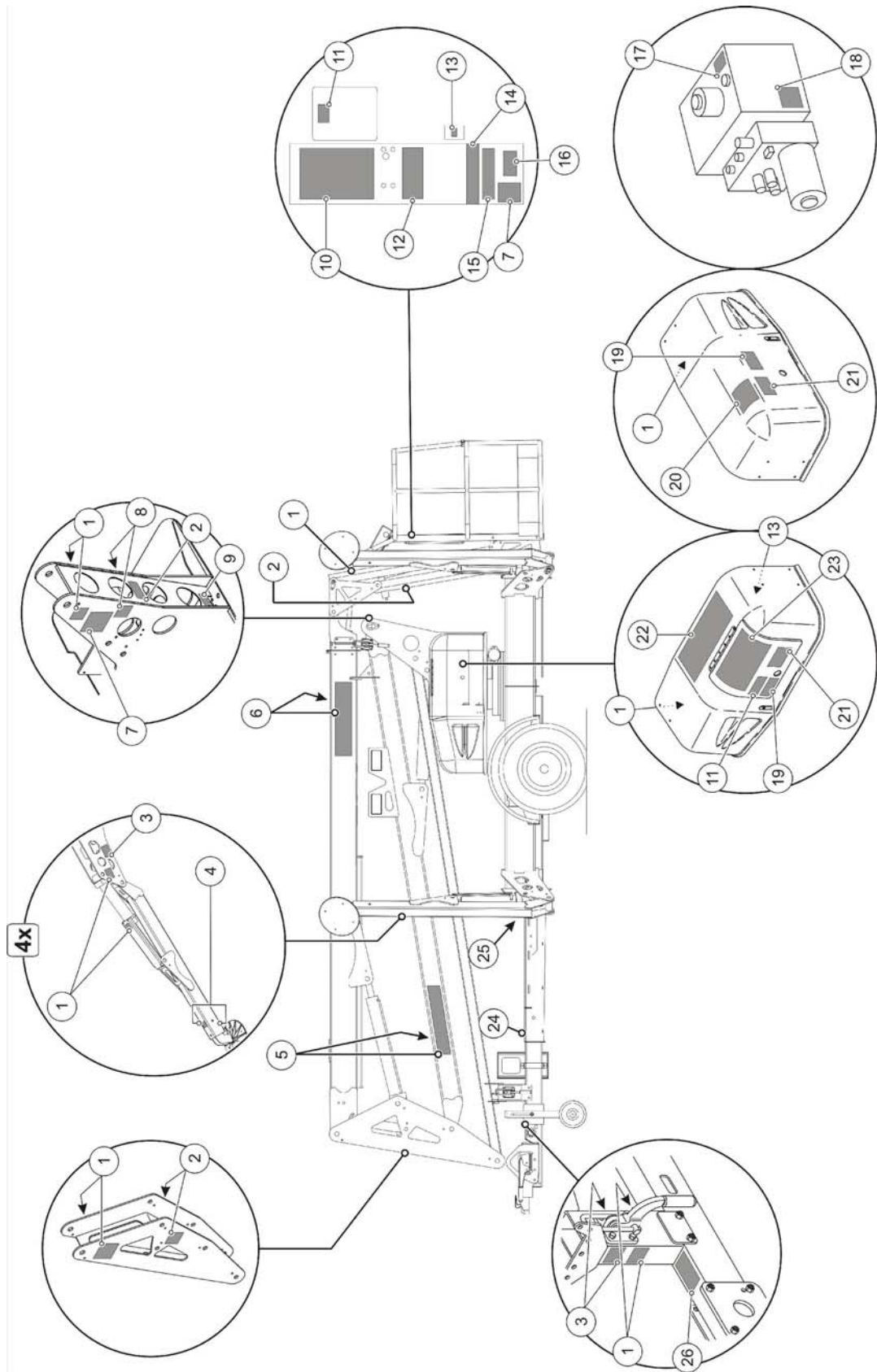
PLATFORM ROTATION
Turn handle in direction of desired rotation.



U1TA B06-00-0529

B06-00-0529

1.2 DECAL KIT - CE



DECAL KIT - CE

B06-01-4020		DECAL KIT - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B06-00-0405-CE	Decal - Warning - Hand Pinch Point	15
2	B06-00-0403-CE	Decal - Notice - Emergency Lower	4
3	B06-00-0568-CE	Decal - Caution - Outrigger Pressure	4
4	B06-00-0404-CE	Decal - Warning - Outrigger Crush Foot	10
5	B06-00-0161B	Decal - 'Haulotte BilJax' - 5in Black / Red on Clear	2
8	B06-00-0482-CE	Decal - Danger - Electrocution	2
11	B06-00-0475-CE	Decal - Warning - Read / Understand Manual	2
13	B06-00-0062-CE	Decal - Notice - AC Power	2
14	B06-00-0173-CE	Decal - Notice - Lanyard Attachment	1
15	B06-00-0474-CE	Decal - Notice - Platform Maximum Load	1
16	0202-0523	Decal - Flag, Made In USA	1
17	B06-00-0068-CE	Decal - Notice - Low Foam Hydraulic Oil	1
19	B06-00-0495-CE	Decal - Caution - Compartment Access	2
20	B06-00-0572-CE	Decal - Caution - Read Parts and Service Manual	1
21	B06-00-0034-CE	Decal - Danger - Battery / Charger Safety	2
24	B06-00-0496-CE	Decal - Caution - Generator Plate Maximum 200	1
26	B06-00-0542-CE	Decal - Warning - Maximum Tow Speed 65	1

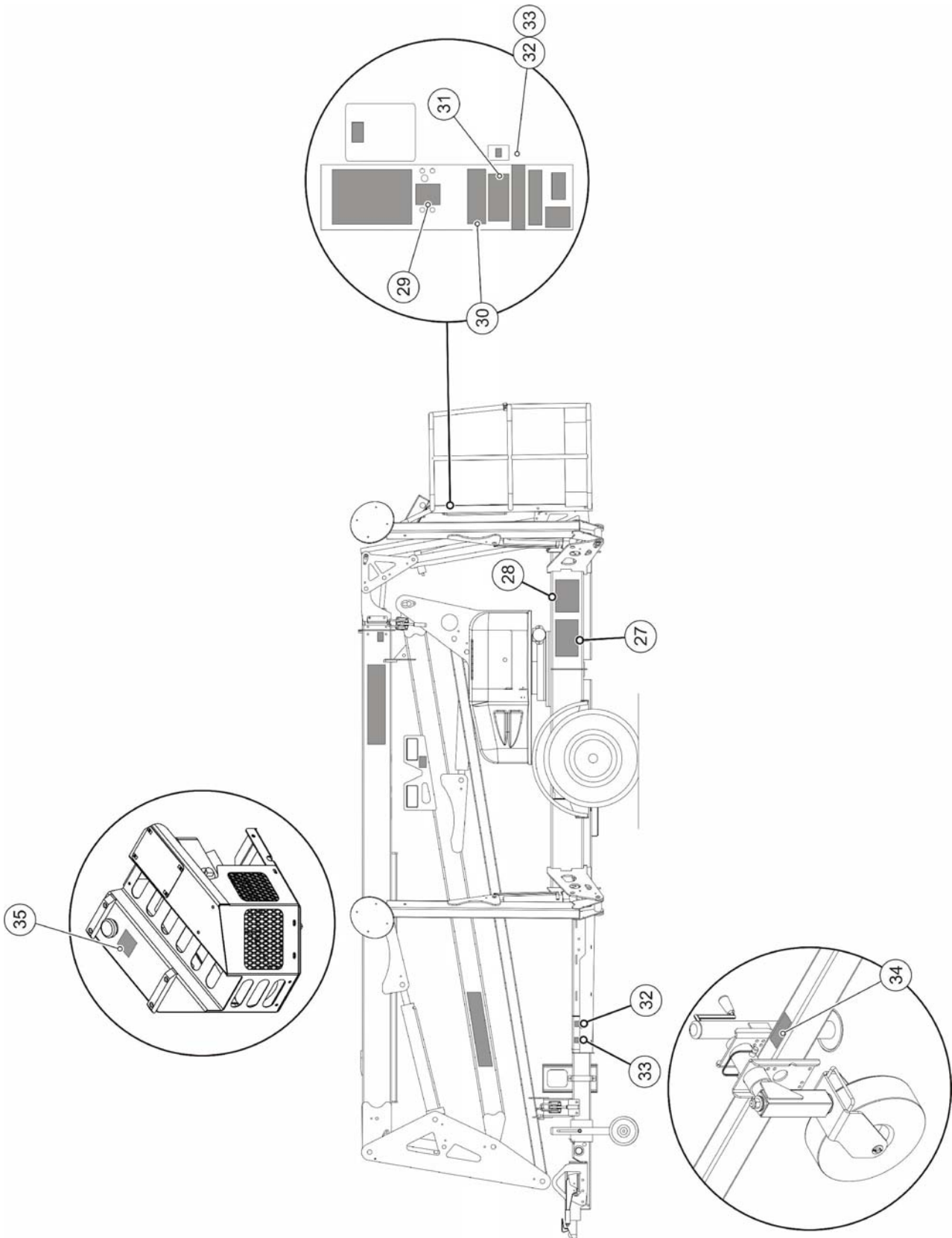
B06-01-4023		DECAL KIT - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
6	B06-00-0539-CE	Decal - HTA 16 P - Black Clear Vinyl with Black Letters	2
7	B06-00-0536-CE	Decal - Notice - Range of Motion - 4527A	2

B06-01-4021-DU	DECAL KIT - Dutch - Includes the following:
B06-01-4021-EN	DECAL KIT - English International - Includes the following:
B06-01-4021-FC	DECAL KIT - French (Canadian) - Includes the following:
B06-01-4021-FR	DECAL KIT - French (European) - Includes the following:
B06-01-4021-GE	DECAL KIT - German - Includes the following:
B06-01-4021-IT	DECAL KIT - Italian - Includes the following:
B06-01-4021-KO	DECAL KIT - Korean - Includes the following:
B06-01-4021-RU	DECAL KIT - Russian - Includes the following:
B06-01-4021-SW	DECAL KIT - Swedish - Includes the following:

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	B06-00-0037	Decal - "Lubricate Semi - Annually"	1
10	B06-00-0471	Decal - Danger - Main Instruction / Hazard - Platform	1
12	B06-00-0534	Decal - Warning - Platform Operation - 4527A	1
18	B06-00-0541	Decal - Caution - Manual Rotate / Retract	1
22	B06-00-0505	Decal - Danger - Main Instruction / Hazard - Base	1
23	B06-00-0533	Decal - Warning - Ground Operation	2
25	B06-00-0478	Decal - Notice - AC Power Connection	1

Note: Decals without the CE suffix are available in the following languages:
 -DE = German, -DU = Dutch, -FC = French (Canadian), -FR = French (European), -IT = Italian,
 -KO = Korean, RU = Russian, -SP = Spanish, -SW = Swedish
 To order add the appropriate suffix to the end of the part number.

IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - CE



IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - CE

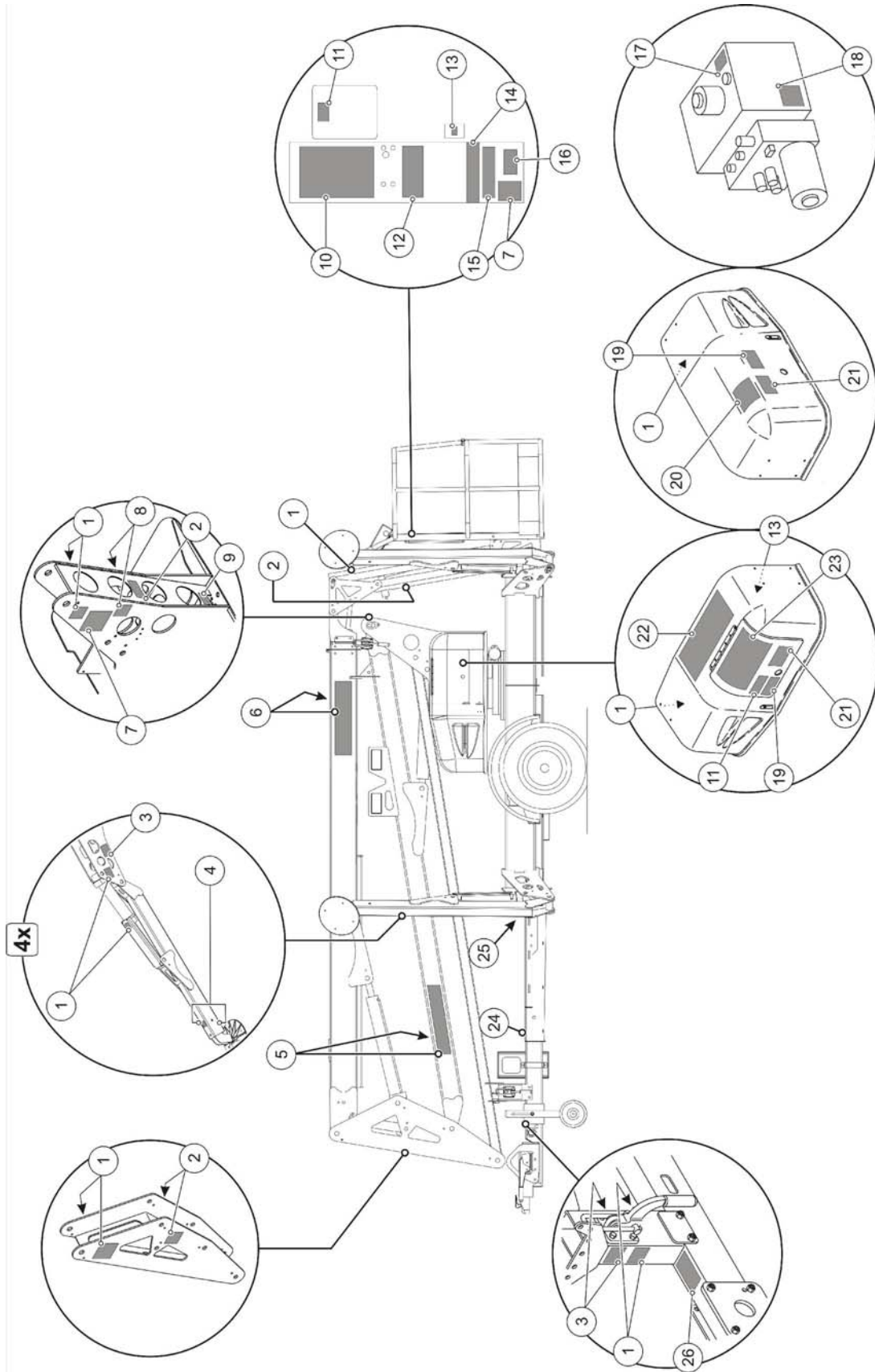
IDENTIFICATION PLATES – CE (Used on all standard CE equipment)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
27	B06-00-0499-CE	ID Plate	1
28	B06-00-0490	VIN Plate	1

DECALS FOR OPTIONAL EQUIPMENT - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	B06-00-0529	Decal - Notice - Platform Rotate (Manual Rotation Option)	1
30	B06-00-0527	Decal - Warning - Drive and Set (Drive and Set Option)	1
31	B06-00-0528	Decal - Notice - Drive and Set (Drive and Set Option)	1
32	B06-00-0530	Decal - Air - 120 PSI (Air Line to Platform Option)	2
33	B06-00-0531	Decal - Water - 3000 PSI (Water Line to Platform Option)	2
34	B06-00-0553	Decal - Warning - Jockey Wheel (Drive and Set Option)	1
35	B06-00-0487	Decal - Notice - Unleaded Fuel Only (Gas Engine Option)	1

1.3 DECAL KIT - AU



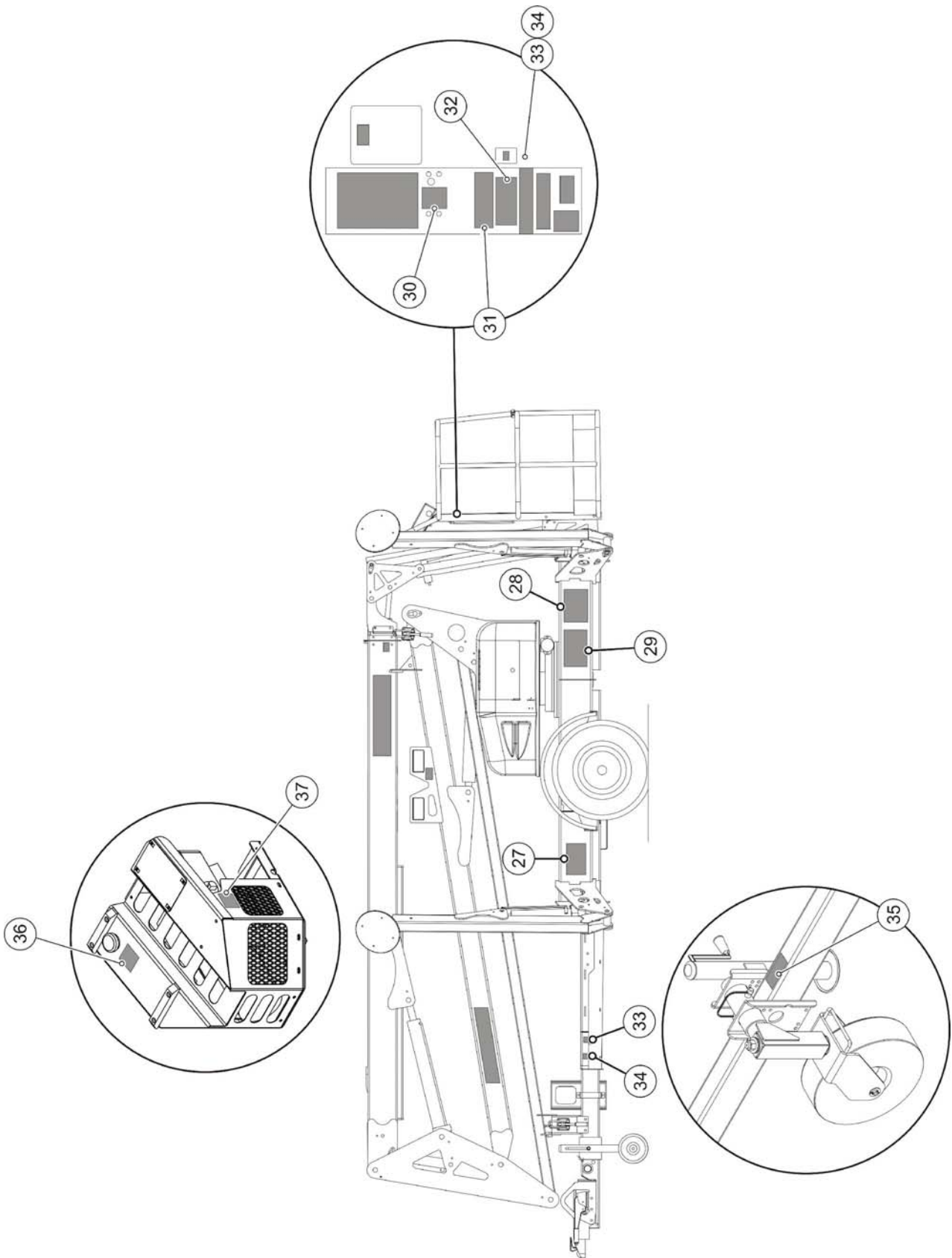
DECAL KIT - AU

B06-01-4020		DECAL KIT - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B06-00-0405-CE	Decal - Warning - Hand Pinch Point	15
2	B06-00-0403-CE	Decal - Notice - Emergency Lower	4
3	B06-00-0568-CE	Decal - Caution - Outrigger Pressure	4
4	B06-00-0404-CE	Decal - Warning - Outrigger Crush Foot	10
5	B06-00-0161B	Decal - 'Haulotte BilJax' - 5in Black / Red on Clear	2
8	B06-00-0482-CE	Decal - Danger - Electrocution	2
11	B06-00-0475-CE	Decal - Warning - Read / Understand Manual	2
13	B06-00-0062-CE	Decal - Notice - AC Power	2
14	B06-00-0173-CE	Decal - Notice - Lanyard Attachment	1
15	B06-00-0474-CE	Decal - Notice - Platform Maximum Load	1
16	0202-0523	Decal - Flag, Made In USA	1
17	B06-00-0068-CE	Decal - Notice - Low Foam Hydraulic Oil	1
19	B06-00-0495-CE	Decal - Caution - Compartment Access	2
20	B06-00-0572-CE	Decal - Caution - Read Parts and Service Manual	1
21	B06-00-0034-CE	Decal - Danger - Battery / Charger Safety	2
24	B06-00-0496-CE	Decal - Caution - Generator Plate Maximum 200	1
26	B06-00-0542-CE	Decal - Warning - Maximum Tow Speed 65	1

B06-01-4023		DECAL KIT - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
6	B06-00-0539-CE	Decal - HTA 16 P - Black Clear Vinyl with Black Letters	2
7	B06-00-0536-CE	Decal - Notice - Range of Motion - 4527A	2

B06-01-4021-EN		DECAL KIT - English International - Includes the following:	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	B06-00-0037	Decal - "Lubricate Semi - Annually"	1
10	B06-00-0471	Decal - Danger - Main Instruction / Hazard - Platform	1
12	B06-00-0534	Decal - Warning - Platform Operation - 4527A	1
18	B06-00-0541	Decal - Caution - Manual Rotate / Retract	1
22	B06-00-0505	Decal - Danger - Main Instruction / Hazard - Base	1
23	B06-00-0533	Decal - Warning - Ground Operation	2
25	B06-00-0478	Decal - Notice - AC Power Connection	1

IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - AU



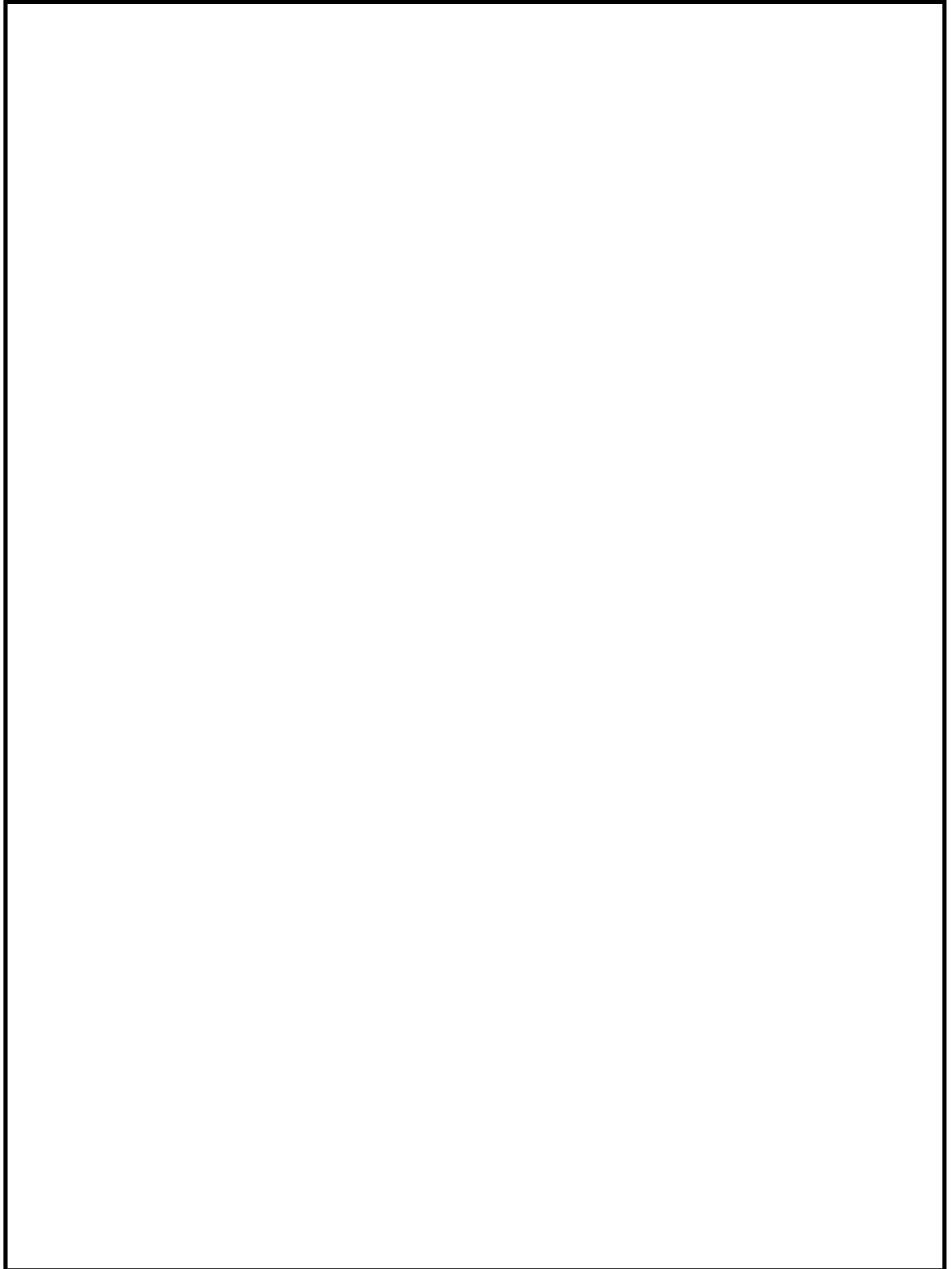
IDENTIFICATION PLATES & OPTIONAL EQUIPMENT - AU

IDENTIFICATION PLATES (Used on all standard equipment)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
27	B06-00-0524	Annual Inspection Plate	1
28	B06-00-0490	VIN Plate	1
29	B06-00-0499	ANSI ID Plate	1

REPLACEMENT DECALS FOR OPTIONAL EQUIPMENT

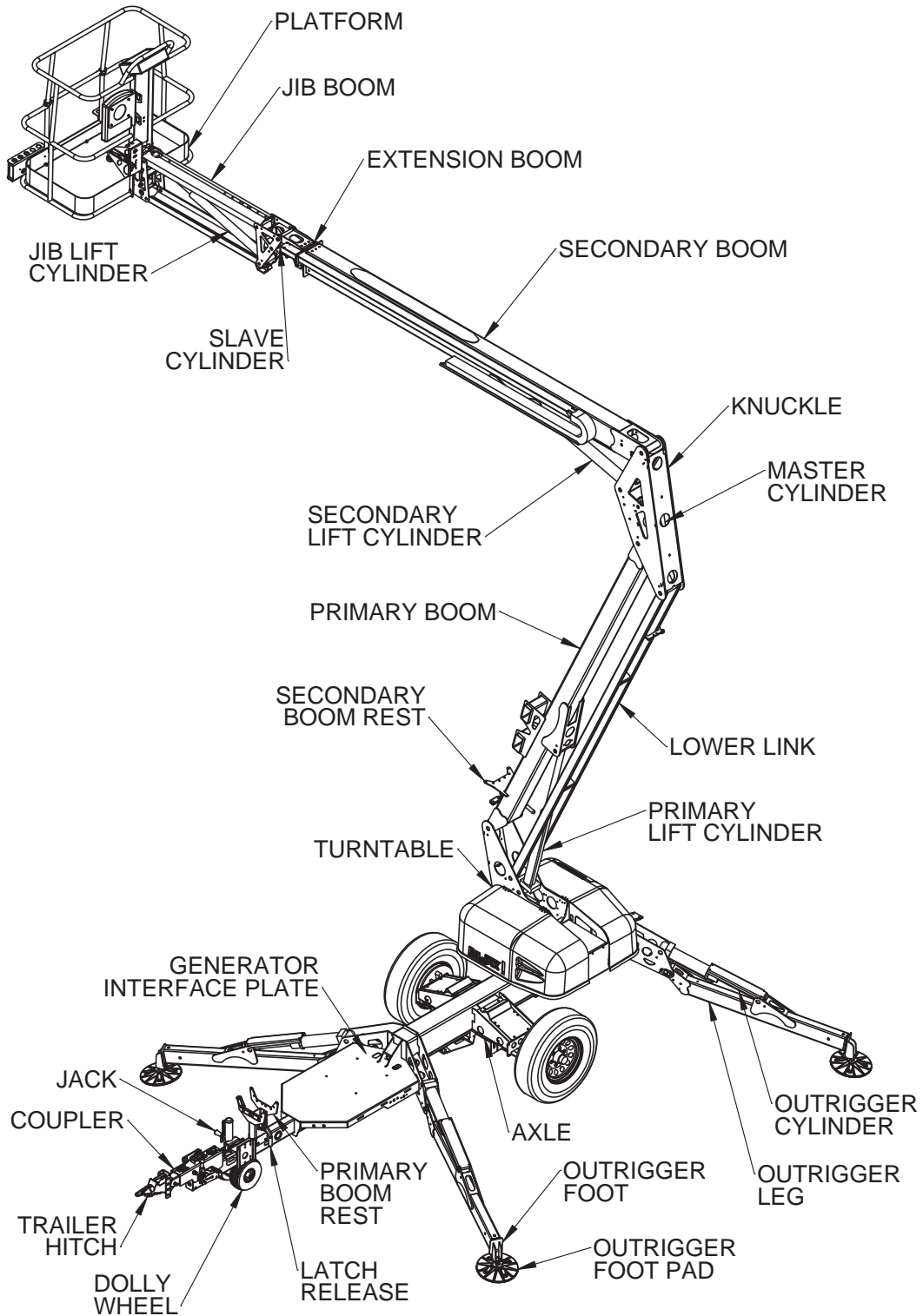
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
30	B06-00-0529	Decal - Notice - Platform Rotate (Manual Rotation Option)	1
31	B06-00-0527	Decal - Warning - Drive and Set (Drive and Set Option)	1
32	B06-00-0528	Decal - Notice - Drive and Set (Drive and Set Option)	1
33	B06-00-0530	Decal - Air - 120 PSI (Air Line to Platform Option)	2
34	B06-00-0531	Decal - Water - 3000 PSI (Water Line to Platform Option)	2
35	B06-00-0553	Decal - Warning - Jockey Wheel (Drive and Set Option)	1
36	B06-00-0487 - OR - B06-00-0498	Decal - Notice - Unleaded Fuel Only (Gas Engine Option) - OR - Decal - Notice - Diesel Fuel Only (Diesel Engine Option)	1
37	B06-00-0547	Decal - Warning - Eng Operate - Hot (Engine Option)	1



2 REPLACEMENT PARTS

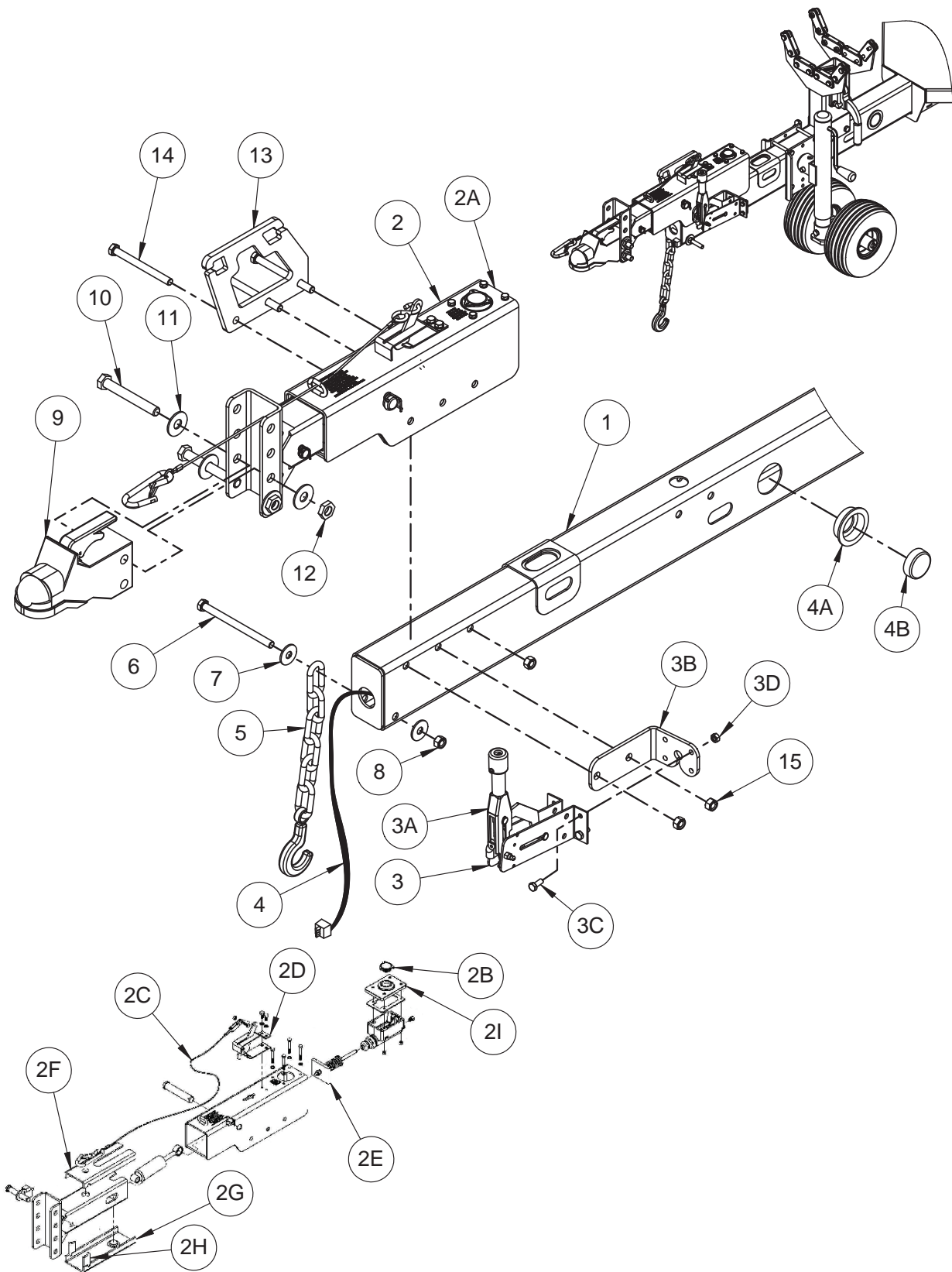
Use only parts manufactured and/or authorized by Haulotte Group when replacing damaged components. See the back pages for replacement part ordering information.

NOTE: Unless otherwise noted: High-strength Grade 5/Class 8.8 fasteners are used in the assembly of this equipment.



2.1 TONGUE COMPONENTS

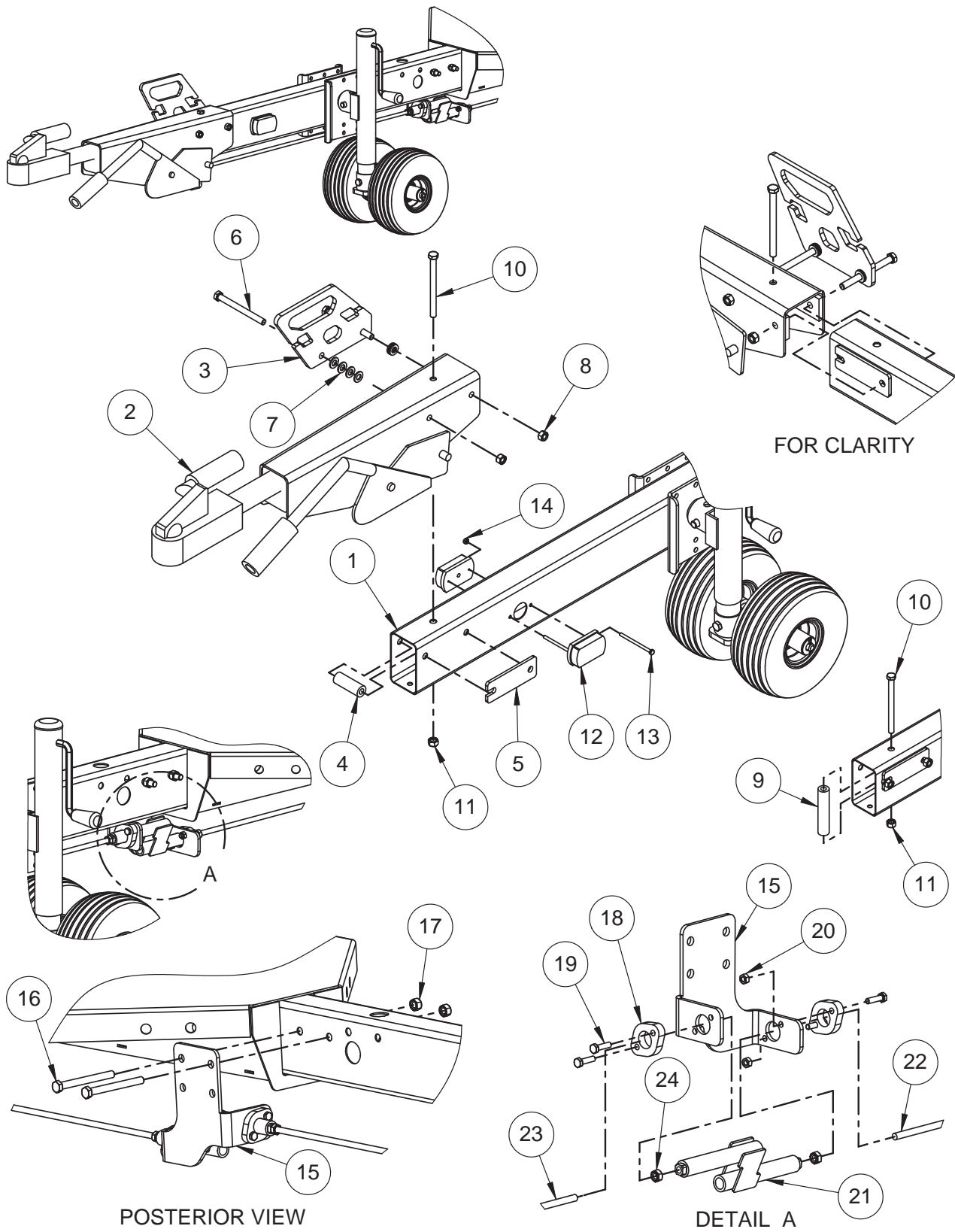
TONGUE ASSEMBLY - ANSI



TONGUE ASSEMBLY - ANSI

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03160	Tongue Tube	1
2	B12-00-0211	Coupler, Hydraulic Surge Assembly Replaces B12-00-0169 Effective November 2008	1
2A	B12-00-0218	Master Cylinder (Excludes Cap)	1
2B	B12-00-0219	Cylinder Fill Cap	1
2C	B12-00-0220	Safety Cable	1
2D	B12-00-0221	Safety Lever	1
2E	B12-00-0222	Push Rod Assembly	1
2F	B12-00-0223	Chanel Slide, Top	1
2G	B12-00-0224	Chanel Slide, Bottom	1
2H	B12-00-0225	Channel Spacer	2
2I	B12-00-0233	Master Cylinder Fill Plate	1
3	B22-00-0074	Hand Brake Assembly	1
3A	A-00192	Brake Lever Replaces A-00167 Effective May 2006	1
3B	A-02177	Brake Bracket	1
3C	0096-0010	Screw, Hex Head Cap - M8 x 20	4
3D	0096-0040	Hex Nut with Nylon Insert, M8	4
3E	B04-06-0033	Flat Washer - Not Shown	1
3F	B36-00-0088	Pin, Clevis - Not Shown	1
3G	0090-0144	Pin, Cotter - 3/32 x 3/4 - Not Shown Replaces B36-00-0089 Effective May 2006	1
4	A-03153	Tail Light Kit	1
4A	B01-10-0239	Grommet, Marker Light	2
4B	B01-10-0297	Marker Light, Amber	2
5	B03-00-0017	Safety Chain Assembly	2
6	0096-0025	Screw, Hex Head Cap - M12 x 120	1
7	0096-0046	Flat Washer, M12	2
8	0096-0042	Hex Nut with Nylon Insert, M12	1
9	B12-00-0066 B12-00-0068	2in Ball Coupler 2 5/16in Ball Coupler (Option) - Not Shown	1
10	0090-0878	Screw, Hex Head Cap - 5/8 -11 X 4 3/4	2
11	0090-0425	Flat Washer, SAE - 5/8	4
12	0090-0194	Hex Nut with Nylon Insert, 5/8-11	2
13	A-01154	Tongue Handle	1
14	0096-0026	Screw, Hex Head Cap - M12 x 130 Replaced 0096-0025 Effective November 2008	3
15	0096-0042	Hex Nut with Nylon Insert, M12	3

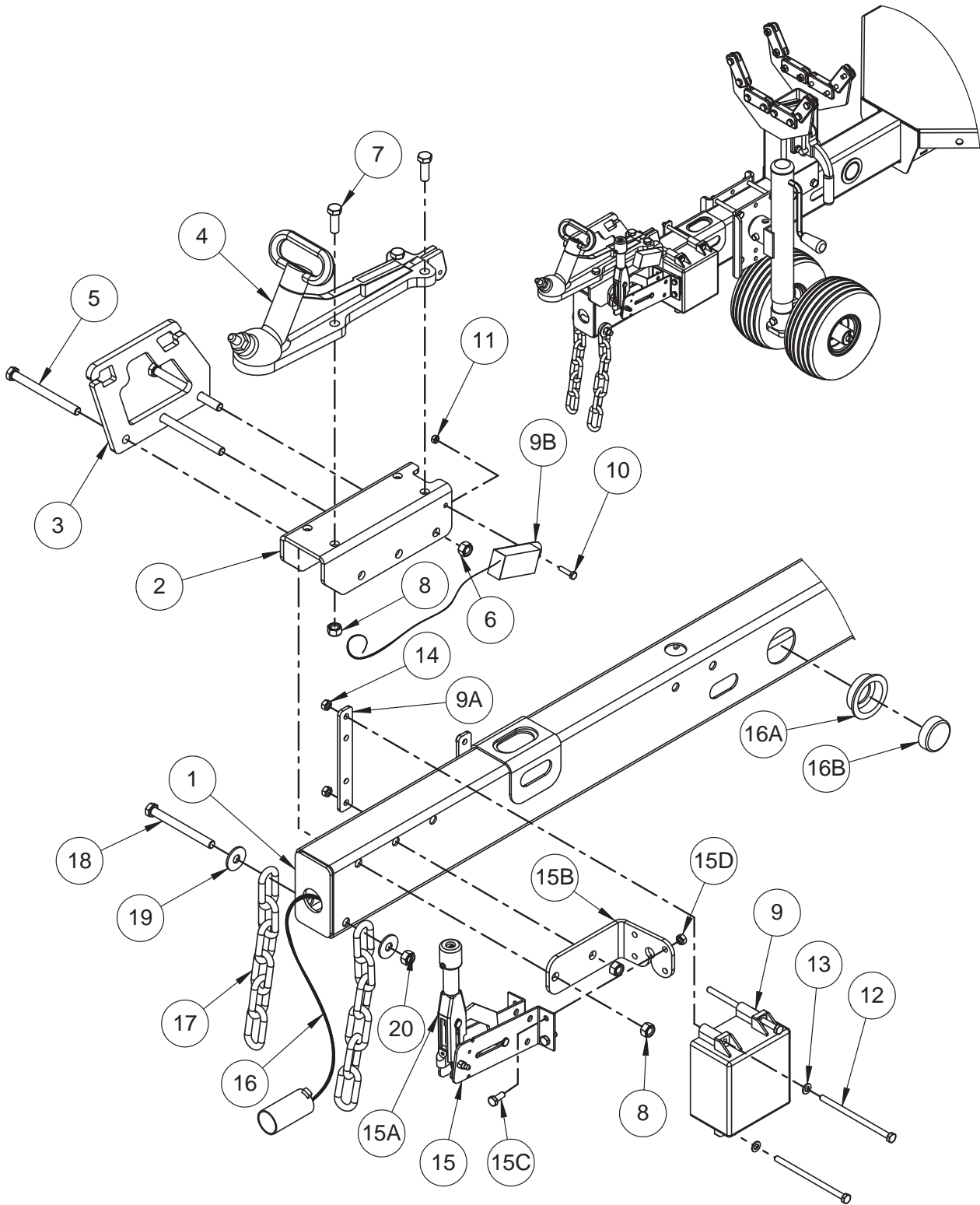
TONGUE ASSEMBLY - CE



TONGUE ASSEMBLY - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03660	Tongue Tube	1
2	A-04662	Coupler Replaces A-03616 Effective November 2007	1
2A	B10-00-0157	Dampener - Not Shown	1
2B	B10-00-0147	Head Lock - Not Shown	1
3	A-03662	Tongue Handle	1
4	A-04664	Spacer, Short	2
5	A-03642	Side Shim	2
6	0096-0026	Screw, Hex Head Cap - M12 x 130	2
7	0096-0046	Flat Washer, M12	8
8	0096-0042	Hex Nut with Nylon Insert, M12	2
9	A-04663	Spacer, Long	1
10	0096-0122	Screw, Hex Head Cap - M12 x 150	1
11	0096-0042	Hex Nut with Nylon Insert, M12	1
12	A-03633	Side Marker Light - Amber	4
13	0096-0123	Screw, Hex Head Cap - M6 x 90	2
14	0096-0039	Hex Nut with Nylon Insert, M6	2
15	A-03639	Guide Brake Link	1
16	0096-0024	Screw, Hex Head Cap - M12 x 100	2
17	0096-0042	Hex Nut with Nylon Insert, M12	2
18	A-03630	Slide Brake Link	2
19	0096-0056	Screw, Hex Head Cap - M8 x 30	4
20	0096-0040	Hex Nut with Nylon Insert - M8	4
21	A-03637	Coupler Brake Link	1
22	A-03677	Rod Threaded M10 x 1.5 x 82in	1
23	A-03676	Rod Threaded M10 x 1.5 x 32in	1
24	0096-0114	Hex Nut - M10	2

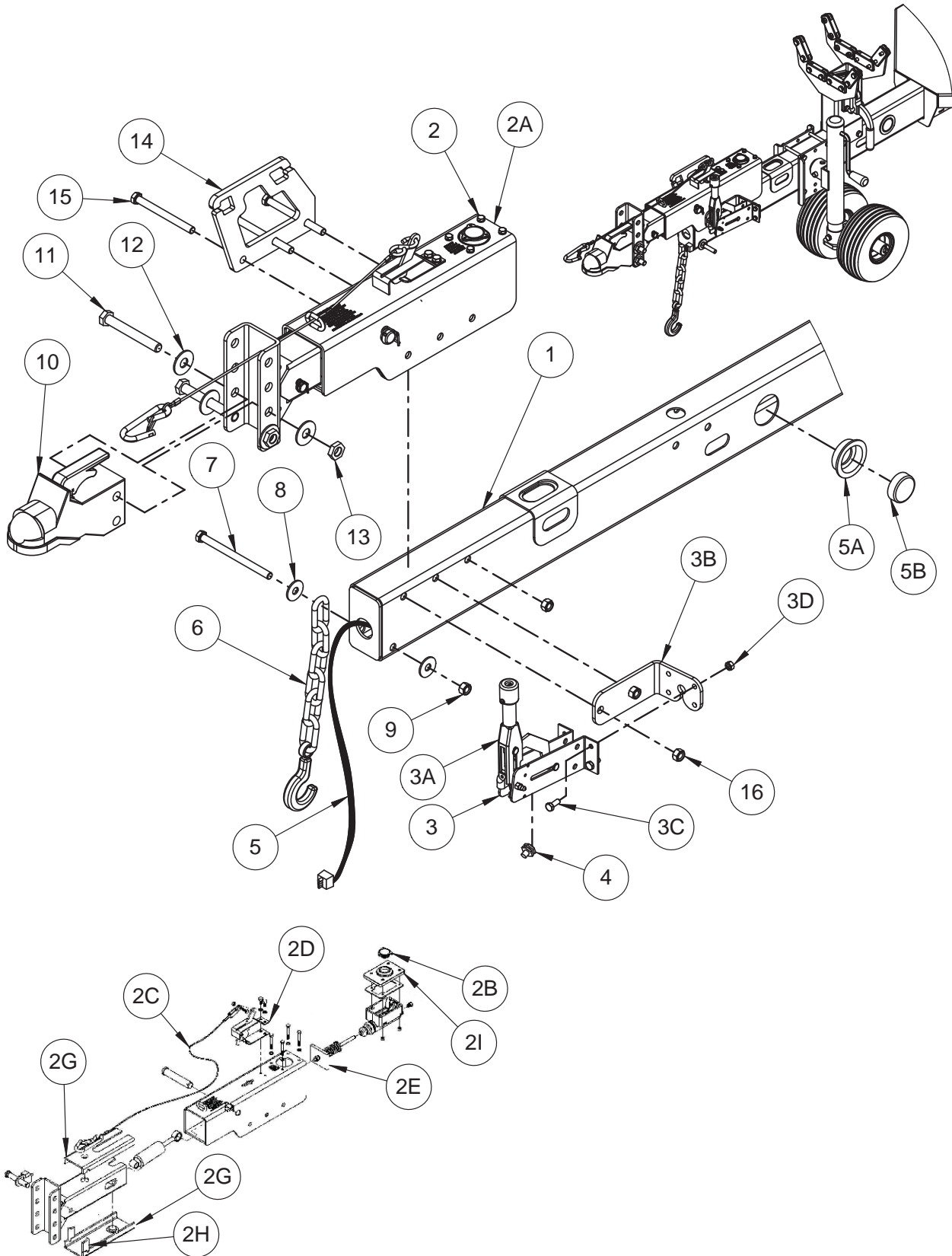
TONGUE ASSEMBLY - AU



TONGUE ASSEMBLY - AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03160	Tongue Tube	1
2	A-01134	Coupler Bottom	1
3	A-01154	Tongue Handle	1
4	-	Coupler - Please Contact a Haulotte Australia Service Center	1
5	0096-0025	Screw, Hex Head Cap - M12 x 120	3
6	0096-0042	Hex Nut with Nylon Insert, M12	3
7	0096-0176	Screw, Hex Head Cap - M12 x 35	4
8	0096-0042	Hex Nut with Nylon Insert, M12	4
9	B01-10-0163	5 Amp Battery and Battery Charger	1
9A	B07-06-5865	Strap, Mount - Break Away	2
9B	B01-02-0062	Brake-Away Switch	1
10	0096-0004	Screw, Hex Head Cap - M6 x 25	1
11	0096-0039	Hex Nut with Nylon Insert, M6	1
12	0096-0103	Screw, Hex Head Cap - M8 x 140	4
13	0096-0104	Flat Washer, M8	4
14	0096-0040	Hex Nut with Nylon Insert, M8	4
15	B22-00-0074	Hand Brake Assembly	1
15A	A-00192	Brake Lever Replaces A-00167 Effective May 2006	1
15B	A-02177	Brake Bracket	1
15C	0096-0010	Screw, Hex Head Cap - M8 x 20	4
15D	0096-0040	Hex Nut with Nylon Insert, M8	4
15E	B04-06-0033	Flat Washer - Not Shown	1
15F	B36-00-0088	Pin, Clevis - Not Shown	1
15G	0090-0144	Pin, Cotter - 3/32 x 3/4 - Not Shown Replaces B36-00-0089 Effective May 2006	1
16	A-03687	Harness, Australian Trailer Lights	1
16A	B01-10-0239	Grommet, Marker Light	2
16B	B01-10-0297	Marker Light, Red	2
17	B40-00-0040	Safety Chain	2
18	0096-0025	Screw, Hex Head Cap - M12 x 120	1
19	0096-0076	Flat Washer, M12	2
20	0096-0042	Hex Nut with Nylon Insert, M12	1
21	B01-09-0104	Butt Splice (Heat Shrink) - Not Shown	3

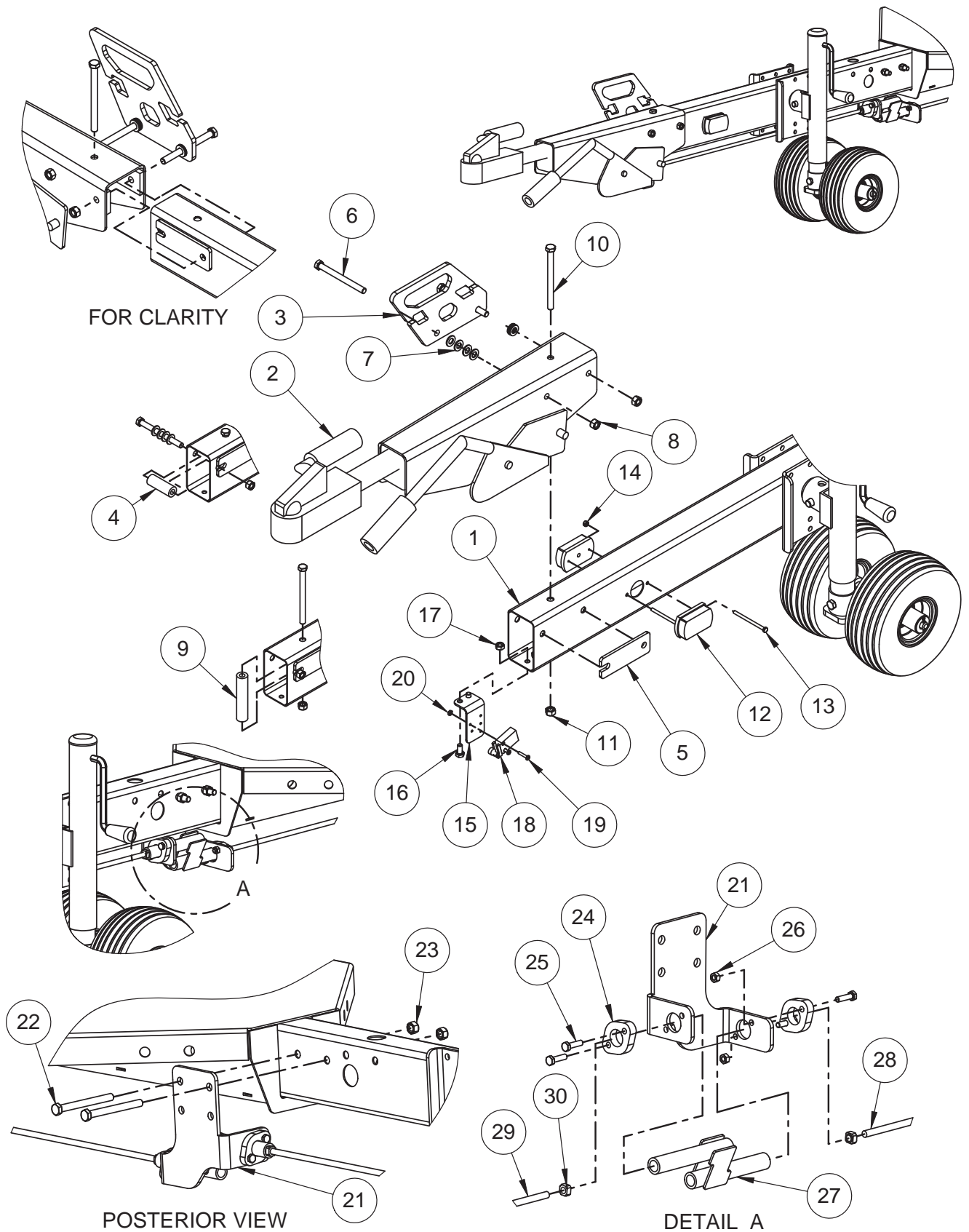
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - ANSI



TONGUE ASSEMBLY FOR DRIVE & SET OPTION - ANSI

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03160	Tongue Tube	Ref.
2	B12-00-0211	Coupler, Hydraulic Surge Assembly Replaces B12-00-0169 Effective November 2008	1
2A	B12-00-0218	Master Cylinder (Excludes Cap)	1
2B	B12-00-0219	Cylinder Fill Cap	1
2C	B12-00-0220	Safety Cable	1
2D	B12-00-0221	Safety Lever	1
2E	B12-00-0222	Push Rod Assembly	1
2F	B12-00-0223	Chanel Slide, Top	1
2G	B12-00-0224	Chanel Slide, Bottom	1
2H	B12-00-0225	Channel Spacer	2
2I	B12-00-0233	Master Cylinder Fill Plate	1
3	B22-00-0074	Hand Brake Assembly	1
3A	A-00192	Brake Lever Replaces A-00167 Effective May 2006	1
3B	A-02177	Brake Bracket	1
3C	0096-0010	Screw, Hex Head Cap - M8 x 20	4
3D	0096-0040	Hex Nut with Nylon Insert, M8	4
3E	B04-06-0033	Flat Washer - Not Shown	1
3F	B36-00-0088	Pin, Clevis - Not Shown	1
3G	0090-0144	Pin, Cotter - 3/32 x 3/4 - Not Shown Replaces B36-00-0089 Effective May 2006	1
4	A-00942	Brake Switch Assembly	1
4A	B01-03-0077	Switch, Brake NO & NC	1
4B	B01-09-0093	Seal, Wire - 16/18 Gauge - Green - Not Shown	2
4C	B01-09-0091	Terminal, Female - 16/18 Gage - Not Shown	2
4D	B01-09-0092	Connector Assembly - 2 Female - Not Shown	1
4E	B00-00-0170	Wire Casing - Not Shown	1
5	A-03153	Tail Light Kit	1
5A	B01-10-0239	Grommet, Marker Light	2
5B	B01-10-0297	Marker Light, Amber	2
6	B03-00-0017	Safety Chain Assembly	2
7	0096-0025	Screw, Hex Head Cap - M12 x 120	1
8	0096-0046	Flat Washer, M12	2
9	0096-0042	Hex Nut with Nylon Insert, M12	1
10	B12-00-0066	2in Ball Coupler	1
10A	B12-00-0068	2 5/16in Ball Coupler (Option) - Not Shown	1
11	0090-0878	Screw, Hex Head Cap - 5/8 -11 X 4 3/4	2
12	0090-0425	Flat Washer, SAE - 5/8	4
13	0090-0194	Hex Nut with Nylon Insert, 5/8-11	2
14	A-01154	Tongue Handle	Ref.
15	0096-0026	Screw, Hex Head Cap - M12 x 130 Replaced 0096-0025 Effective November 2008	3
16	0096-0042	Hex Nut with Nylon Insert, M12	3

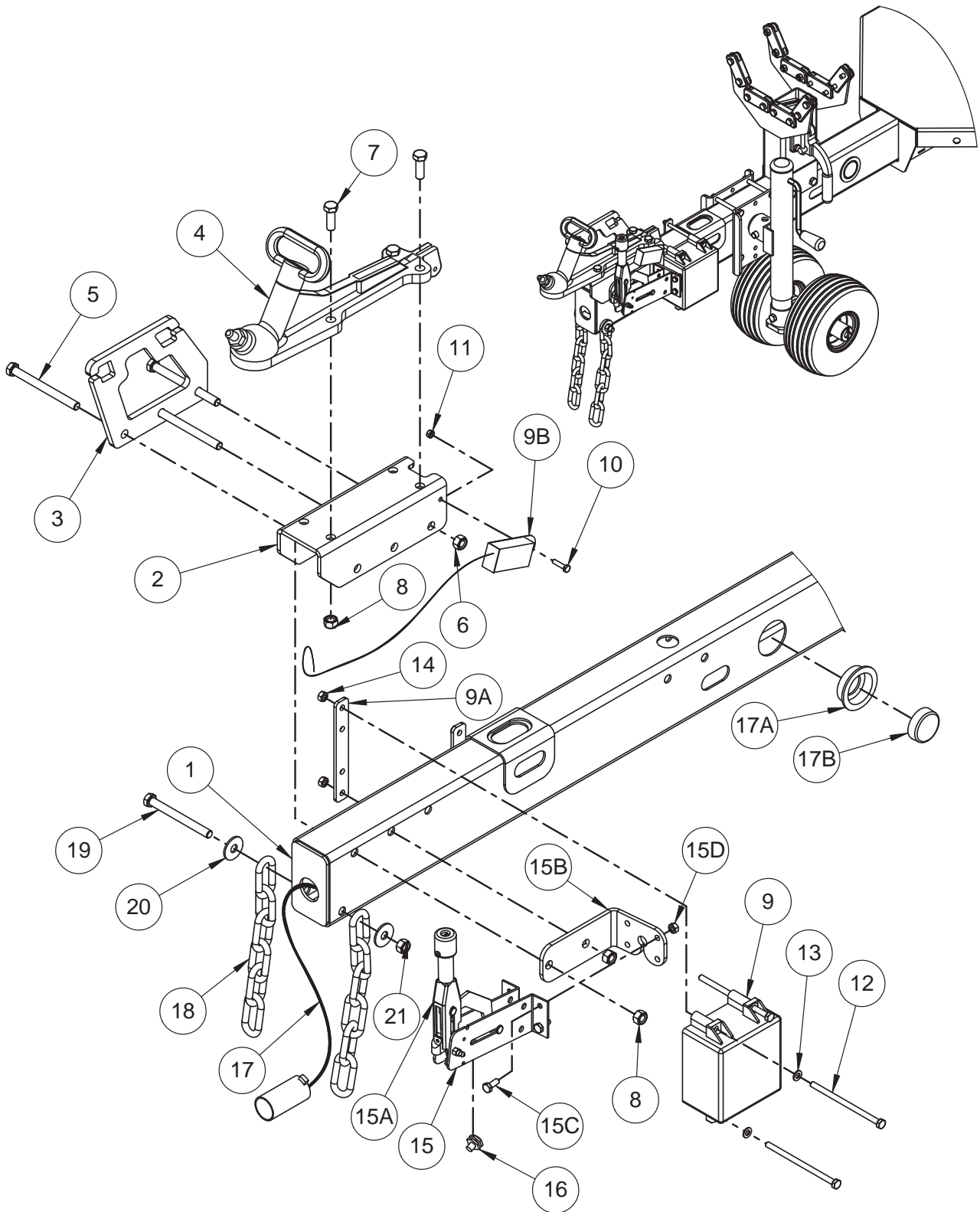
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - CE



TONGUE ASSEMBLY FOR DRIVE & SET OPTION - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03660	Tongue Tube	1
2	A-04662	Coupler Replaces A-03616 Effective November 2007	1
2A	B10-00-0157	Dampener - Not Shown	1
2B	B10-00-0147	Head Lock - Not Shown	1
3	A-03662	Tongue Handle	1
4	A-04664	Spacer, Short	2
5	A-03642	Side Shim	2
6	0096-0026	Screw, Hex Head Cap - M12 x 130	2
7	0096-0046	Flat Washer, M12	8
8	0096-0042	Hex Nut with Nylon Insert, M12	2
9	A-04663	Spacer, Long	1
10	0096-0122	Screw, Hex Head Cap - M12 x 150	1
11	0096-0042	Hex Nut with Nylon Insert, M12	1
12	A-03633	Side Marker Light - Amber	4
13	0096-0123	Screw, Hex Head Cap - M6 x 90	2
14	0096-0039	Hex Nut with Nylon Insert, M6	2
15	A-03675	Brake Switch Mount	1
16	0096-0014	Screw, Hex Head Cap - M10 x 20	2
17	0096-0041	Hex Nut with Nylon Insert, M10	2
18	A-03647	Switch Assembly NC	1
19	0090-0692	Screw, Round Head Machine - 8-32 X 1 1/4	2
20	0090-0181	Hex Nut with Nylon Insert - 8-32	2
21	A-03639	Guide Brake Link	1
22	0096-0024	Screw, Hex Head Cap - M12 x 100	2
23	0096-0042	Hex Nut with Nylon Insert, M12	2
24	A-03630	Slide Brake Link	2
25	0096-0056	Screw, Hex Head Cap - M8 x 30	4
26	0096-0040	Hex Nut with Nylon Insert - M8	4
27	A-03637	Coupler Brake Link	1
28	A-03677	Rod Threaded M10 x 1.5 x 82in	1
29	A-03676	Rod Threaded M10 x 1.5 x 32in	1
30	A-01413	Weld Nut, M10	2

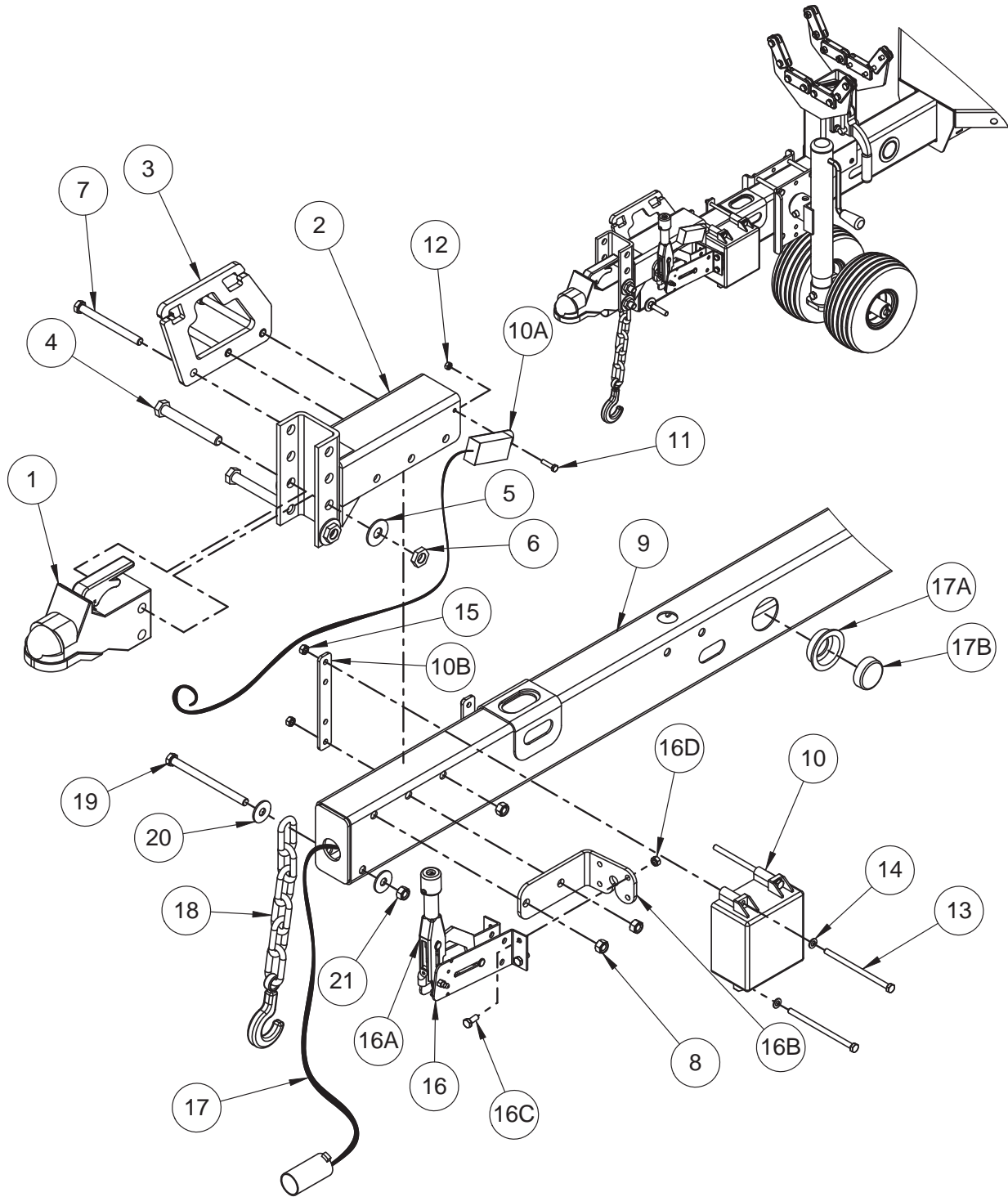
TONGUE ASSEMBLY FOR DRIVE & SET OPTION - AU



TONGUE ASSEMBLY FOR DRIVE & SET OPTION - AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03160	Tongue Tube	1
2	A-01134	Coupler Bottom	1
3	A-01154	Tongue Handle	1
4	-	Coupler - Please Contact a Haulotte Australia Service Center	1
5	0096-0025	Screw, Hex Head Cap - M12 x 120	3
6	0096-0042	Hex Nut with Nylon Insert, M12	3
7	0096-0176	Screw, Hex Head Cap - M12 x 35	4
8	0096-0042	Hex Nut with Nylon Insert, M12	4
9	B01-10-0163	5 Amp Battery and Battery Charger	1
9A	B07-06-5865	Strap, Mount - Break Away	2
9B	B01-02-0062	Brake-Away Switch	1
10	0096-0004	Screw, Hex Head Cap - M6 x 25	1
11	0096-0039	Hex Nut with Nylon Insert, M6	1
12	0096-0103	Screw, Hex Head Cap - M8 x 140	4
13	0096-0104	Flat Washer, M8	4
14	0096-0040	Hex Nut with Nylon Insert, M8	4
15	B22-00-0074	Hand Brake Assembly	1
15A	A-00192	Brake Lever Replaces A-00167 Effective May 2006	1
15B	A-02177	Brake Bracket	1
15C	0096-0010	Screw, Hex Head Cap - M8 x 20	4
15D	0096-0040	Hex Nut with Nylon Insert, M8	4
15E	B04-06-0033	Flat Washer - Not Shown	1
15F	B36-00-0088	Pin, Clevis - Not Shown	1
15G	0090-0144	Pin, Cotter - 3/32 x 3/4 - Not Shown Replaces B36-00-0089 Effective May 2006	1
16	A-00942	Brake Switch Assembly	1
16A	B01-03-0077	Switch, Brake NO & NC	1
16B	B01-09-0093	Seal, Wire - 16/18 Gauge - Green - Not Shown	2
16C	B01-09-0091	Terminal, Female - 16/18 Gauge - Not Shown	2
16D	B01-09-0092	Connector Assembly - 2 Female - Not Shown	1
16E	B00-00-0170	Wire Casing - Not Shown	1
17	A-03687	Harness, Australian Trailer Lights	1
17A	B01-10-0239	Grommet, Marker Light	2
17B	B01-10-0297	Marker Light, Red	2
18	B40-00-0040	Safety Chain	2
19	0096-0025	Screw, Hex Head Cap - M12 x 120	1
20	0096-0076	Flat Washer, M12	2
21	0096-0042	Hex Nut with Nylon Insert, M12	1
22	B01-09-0104	Butt Splice (Heat Shrink) - Not Shown	3

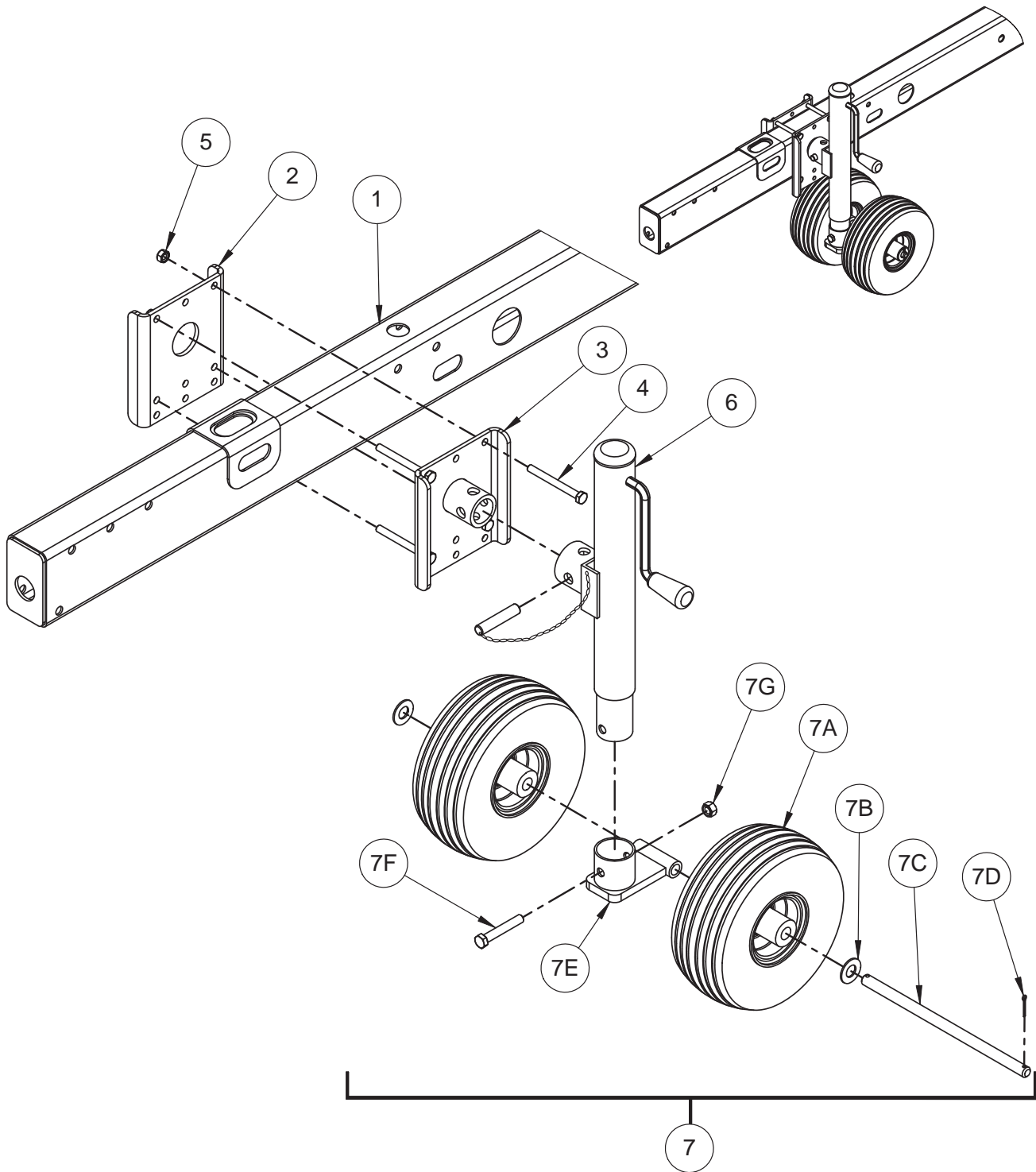
TONGUE ASSEMBLY FOR ELECTRIC BRAKE OPTION – ANSI ONLY



TONGUE ASSEMBLY FOR ELECTRIC BRAKE OPTION – ANSI ONLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B12-00-0066 B12-00-0068	2in Ball Coupler 2 5/16in Ball Coupler (Option) - Not Shown	1
2	A-00196	Electric Brake Coupler	1
3	A-01154	Tongue Handle	Ref.
4	0090-0878	Screw, Hex Head Cap - 5/8 -11 X 4 3/4	2
5	0090-0425	Flat Washer, SAE - 5/8	4
6	0090-0194	Hex Nut with Nylon Insert, 5/8-11	2
7	0096-0026	Screw, Hex Head Cap - M12 x 130 Replaced 0096-0025 Effective November 2008	3
8	0096-0042	Hex Nut with Nylon Insert, M12	3
9	A-03160	Tongue Tube	Ref.
10	B01-10-0163	5 Amp Battery and Battery Charger	1
10A	B01-02-0062	Brake-Away Switch	1
10B	B07-06-5865	Strap, Mount - Break Away	2
11	0096-0004	Screw, Hex Head Cap - M6 x 25	1
12	0096-0039	Hex Nut with Nylon Insert, M6	1
13	0096-0103	Screw, Hex Head Cap - M8 x 140	4
14	0096-0104	Flat Washer, M8	4
15	0096-0040	Hex Nut with Nylon Insert, M8	4
16	B22-00-0074	Hand Brake Assembly	1
16A	A-00192	Brake Lever	1
16B	A-02177	Brake Bracket	1
16C	0096-0010	Screw, Hex Head Cap - M8 x 20	4
16D	0096-0040	Hex Nut with Nylon Insert, M8	4
16E	B04-06-0033	Flat Washer - Not Shown	1
16F	B36-00-0088	Pin, Clevis - Not Shown	1
16G	0090-0144	Pin, Cotter - 3/32 x 3/4 - Not Shown	1
17	A-03153	Tail Light Kit	1
17A	B01-10-0239	Grommet, Marker Light	2
17B	B01-10-0297	Marker Light, Amber	2
18	B03-00-0017	Safety Chain Assembly	Ref.
19	0096-0025	Screw, Hex Head Cap - M12 x 120	1
20	0096-0046	Flat Washer, M12	2
21	0096-0042	Hex Nut with Nylon Insert, M12	1
22	B01-09-0104	Butt Splice (Heat Shrink) - Not Shown	3

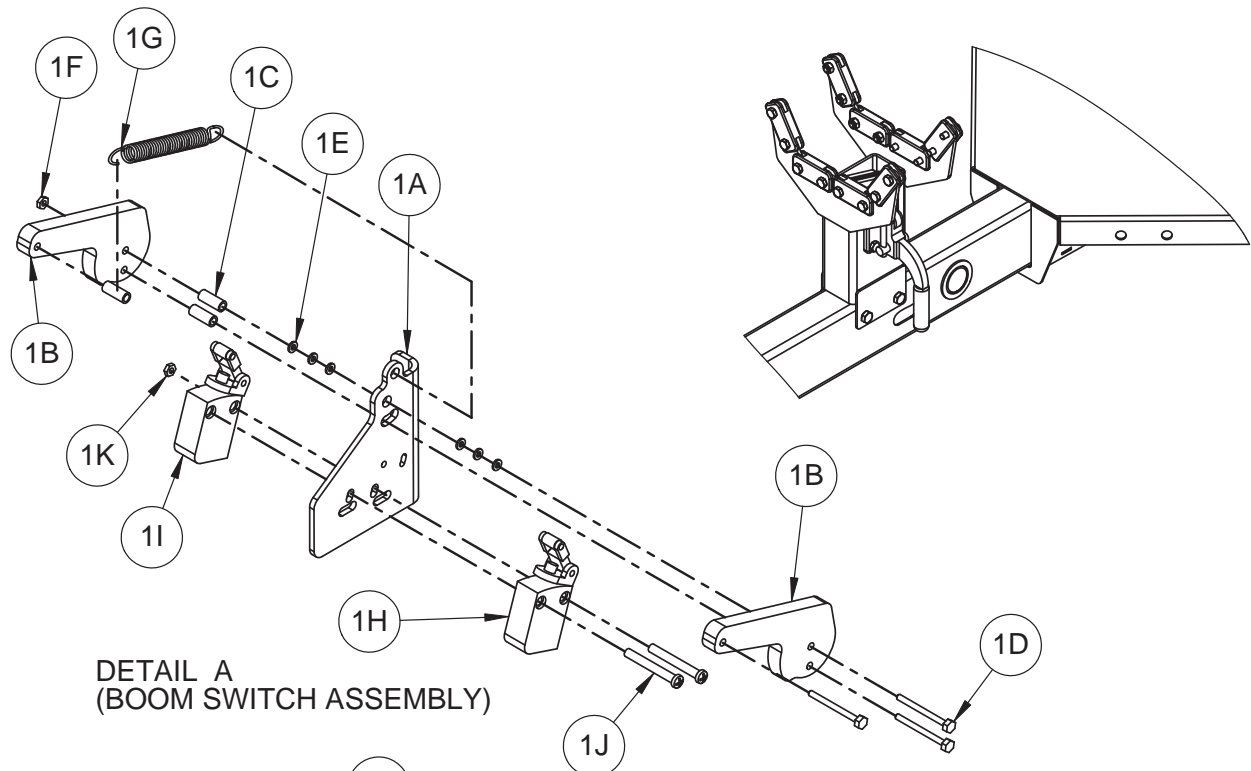
DOLLY WHEEL ASSEMBLY - ANSI, CE & AU



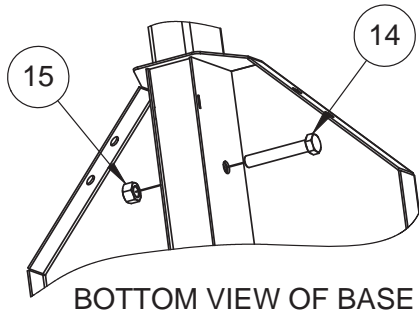
DOLLY WHEEL ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03160	Tongue Tube – ANSI & AU	1
1A	A-03660	Tongue Tube - CE	1
2	A-02166	Attach Plate	1
3	A-02167	Mount Assembly	1
4	0096-0105	Screw, Hex Head Cap - M10 x 100 Replaces 0096-0075 Effective September 2007	4
5	0096-0041	Hex Nut with Nylon Insert, M10	4
6	A-02169	Jack Assembly Replaces A-00144 Effective September 2007	1
7	A-02160-K	Tire and Wheel Assembly	1
7A	A-02165	Tire and Wheel Only	2
7B	0096-0087	Flat Washer, M20	2
7C	A-02164	Axle	1
7D	0090-0147	Pin, Cotter - 1/8 x 1 1/4	2
7E	A-02160	Jack Wheel Weldment	1
7F	0096-0022	Screw, Hex Head Cap - M12 x 75	1
7G	0096-0042	Hex Nut with Nylon Insert, M12	1

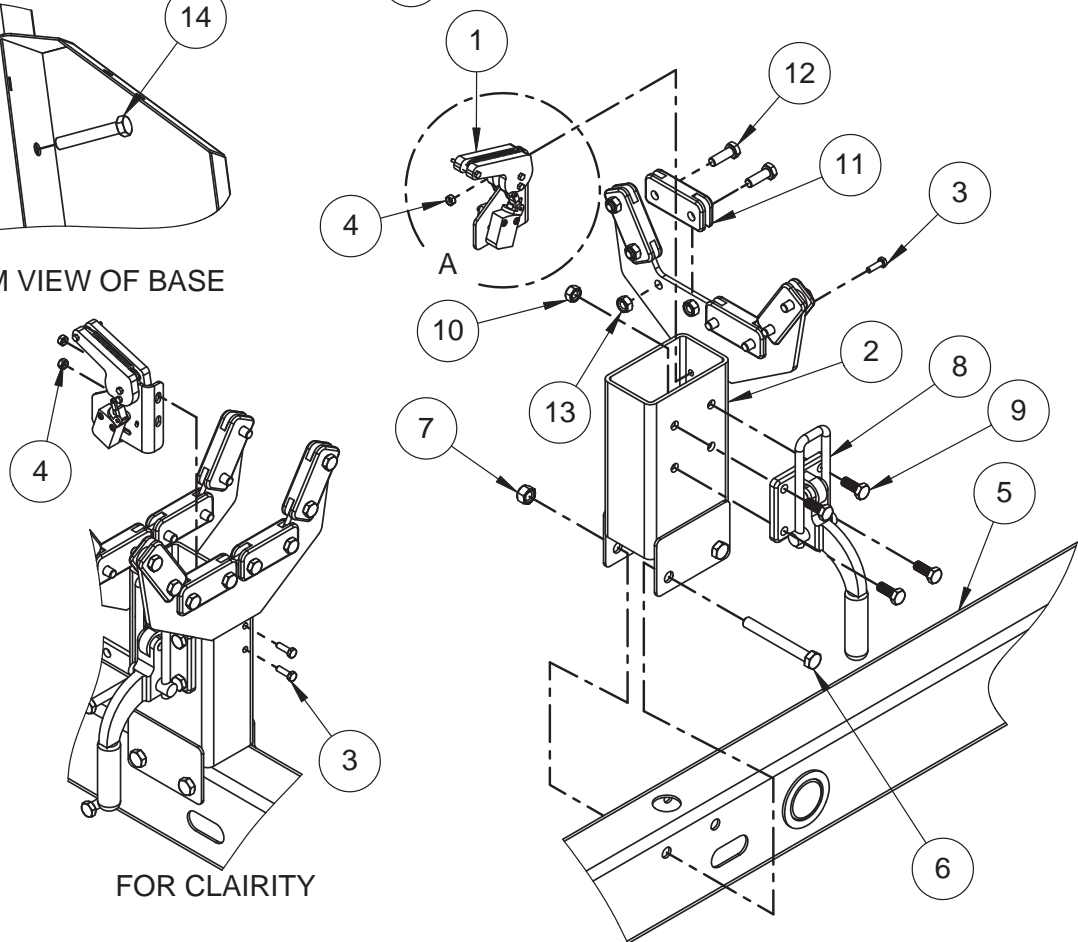
BOOM REST SWITCH ASSEMBLY - ANSI, CE & AU



DETAIL A
(BOOM SWITCH ASSEMBLY)



BOTTOM VIEW OF BASE

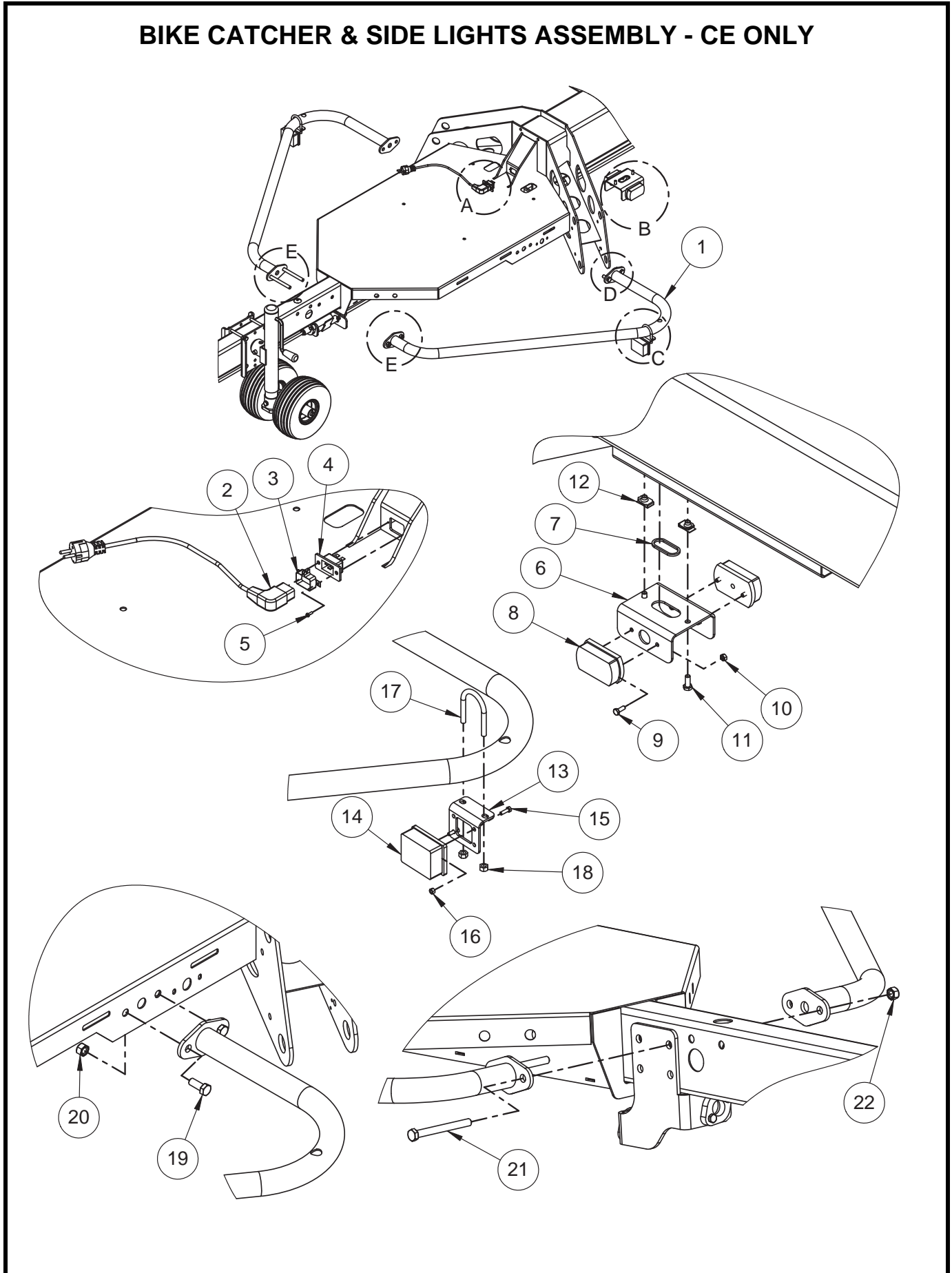


FOR CLAIRITY

BOOM REST SWITCH ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B03-00-0197	Boom Rest Switch Assembly	1
1A	A-00169	Switch Plate	1
1B	A-00188	Switch Cam	2
1C	A-00190	Spacer, Switch Cam Replaces A-00168 Effective October 2006	3
1D	0096-0106	Screw, Hex Head Cap - M4 x 40 Replaces 0090-1104 Effective October 2006	3
1E	0090-0419	Flat Washer, SAE - 1/4	6-7
1F	0096-0073	Hex Nut with Nylon Insert - M4 Replaces 0090-0525 Effective October 2006	3
1G	A-00158	Spring, Extension	1
1H	A-03647	Switch Assembly NC Replaces B01-03-0079 Effective October 2006	1
1I	A-03644	Switch Assembly NO Replaces B01-03-0078 Effective October 2006	1
1J	0090-0821	Screw, Round Head Machine - 8-32 x 1 1/2 Replaces 0090-0709 Effective October 2006	2
1K	0090-0181	Hex Nut with Nylon Insert - 8-32 Replaces 0090-0180 Effective October 2006	2
2	A-03145	Front Rest	1
3	0096-0002	Screw, Hex Head Cap - M6 x 20	2
4	0096-0039	Hex Nut with Nylon Insert - M6	2
5	A-03160	Tongue Tube – ANSI & AU	Ref.
5A	A-03660	Tongue Tube - CE	Ref.
6	0096-0024	Screw, Hex Head Cap - M12 x 100	2
7	0096-0042	Hex Nut with Nylon Insert - M12	2
8	A-00159	Boom Latch	1
9	0096-0016	Screw, Hex Head Cap - M10 x 25	4
10	0096-0041	Hex Nut with Nylon Insert - M10	4
11	A-00157	Front Rest Pad	8
12	0096-0017	Screw, Hex Head Cap - M10 x 30	16
13	0096-0041	Hex Nut with Nylon Insert - M10	16
14	0096-0038	Screw, Hex Head Cap - M20 x 120	3
15	0096-0045	Hex Nut with Nylon Insert - M20	3
16	A-00179	Cord Assembly, 6"	1
17	A-00178	Connector, 16/20 Amp	1
18	A-00186	Lock, Connector	1
19	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2

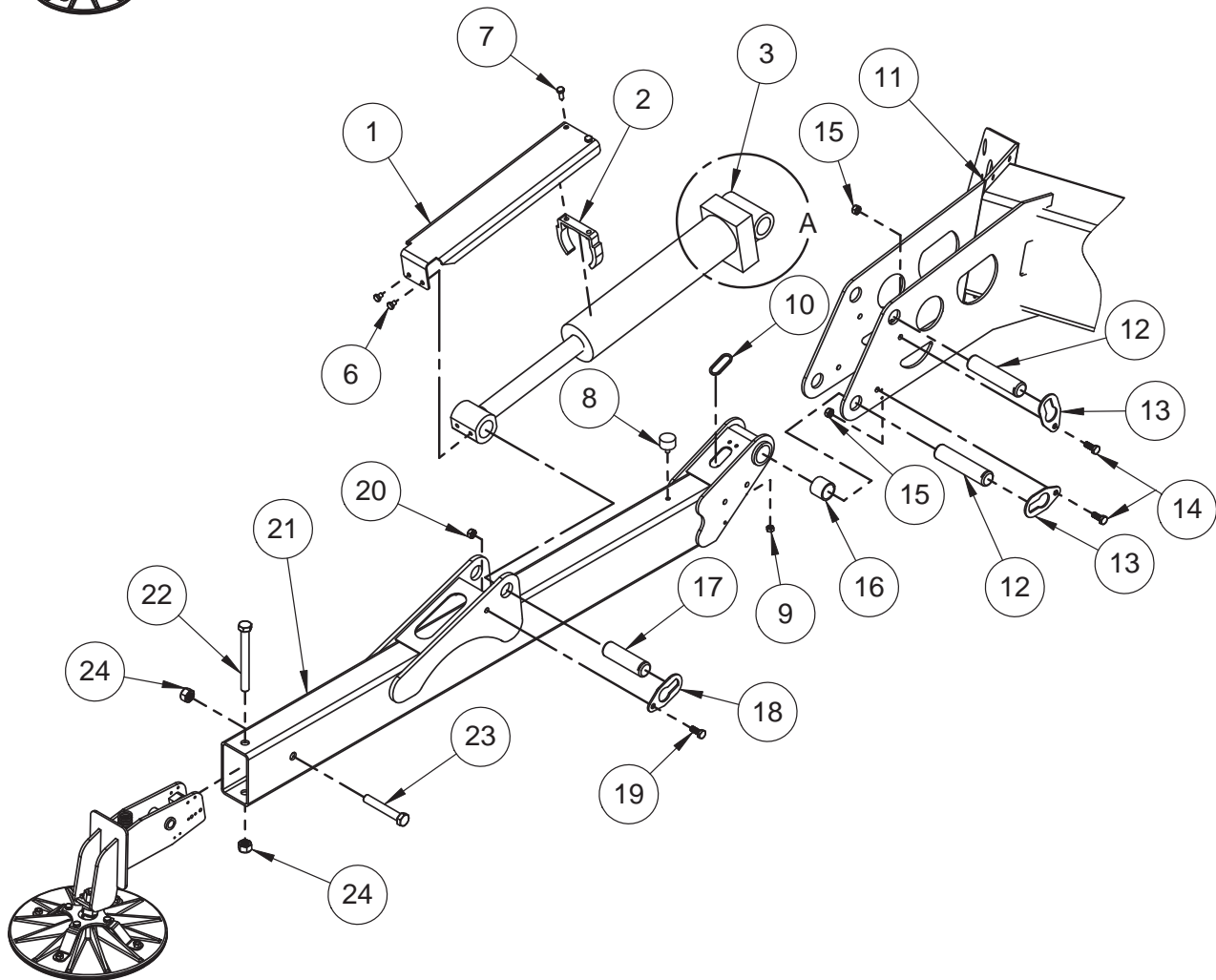
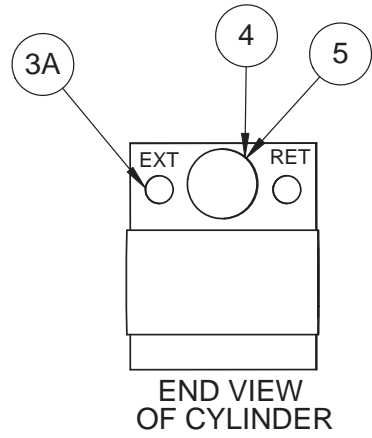
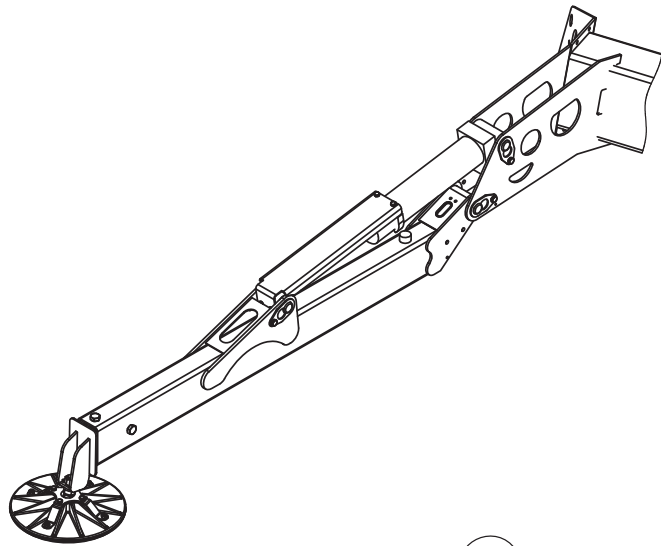
BIKE CATCHER & SIDE LIGHTS ASSEMBLY - CE ONLY



BIKE CATCHER AND SIDE LIGHTS ASSEMBLY – CE ONLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03655	Bike Catcher Weldment	2
2	B01-10-0348	Wire Assembly - IEC Cord - Europe	1
2A	B01-10-0382	Wire Assembly - IEC Cord - United Kingdom	1
2B	B01-10-0360	Wire Assembly - IEC Cord - No Plug	1
3	A-00186	Lock, Connector	1
4	A-00178	Connector, 16/20 Amp	1
5	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2
6	A-04668	Side Marker Light Bracket	1
7	A-00046	Grommet, 1.5 x .125 x 1.75	1
8	A-03633	Side Marker Light - Amber	2
9	0096-0001	Screw, Hex Head Cap - M6 x 16	4
10	0096-0039	Hex Nut with Nylon Insert, M6	4
11	0096-0011	Screw, Hex Head Cap - M8 x 25	2
12	0096-0067	Nut Clip, M8	2
13	A-03611	Bike Bar Light Bracket	2
14	A-03643	Front Marker Light	2
15	0096-0125	Screw, Hex Head Cap - M5 x 16	4
16	0096-0126	Hex Nut with Nylon Insert, M5	4
17	0068-247	U-Bolt - 5/16-18	2
18	0090-0185	Hex Nut, Self-Locking, #5/16-18	4
19	0096-0020	Screw, Hex Head Cap - M12 x 30	4
20	0096-0042	Hex Nut with Nylon Insert, M12	4
21	0096-0026	Screw, Hex Head Cap - M12 x 130	2
22	0096-0042	Hex Nut with Nylon Insert, M12	2

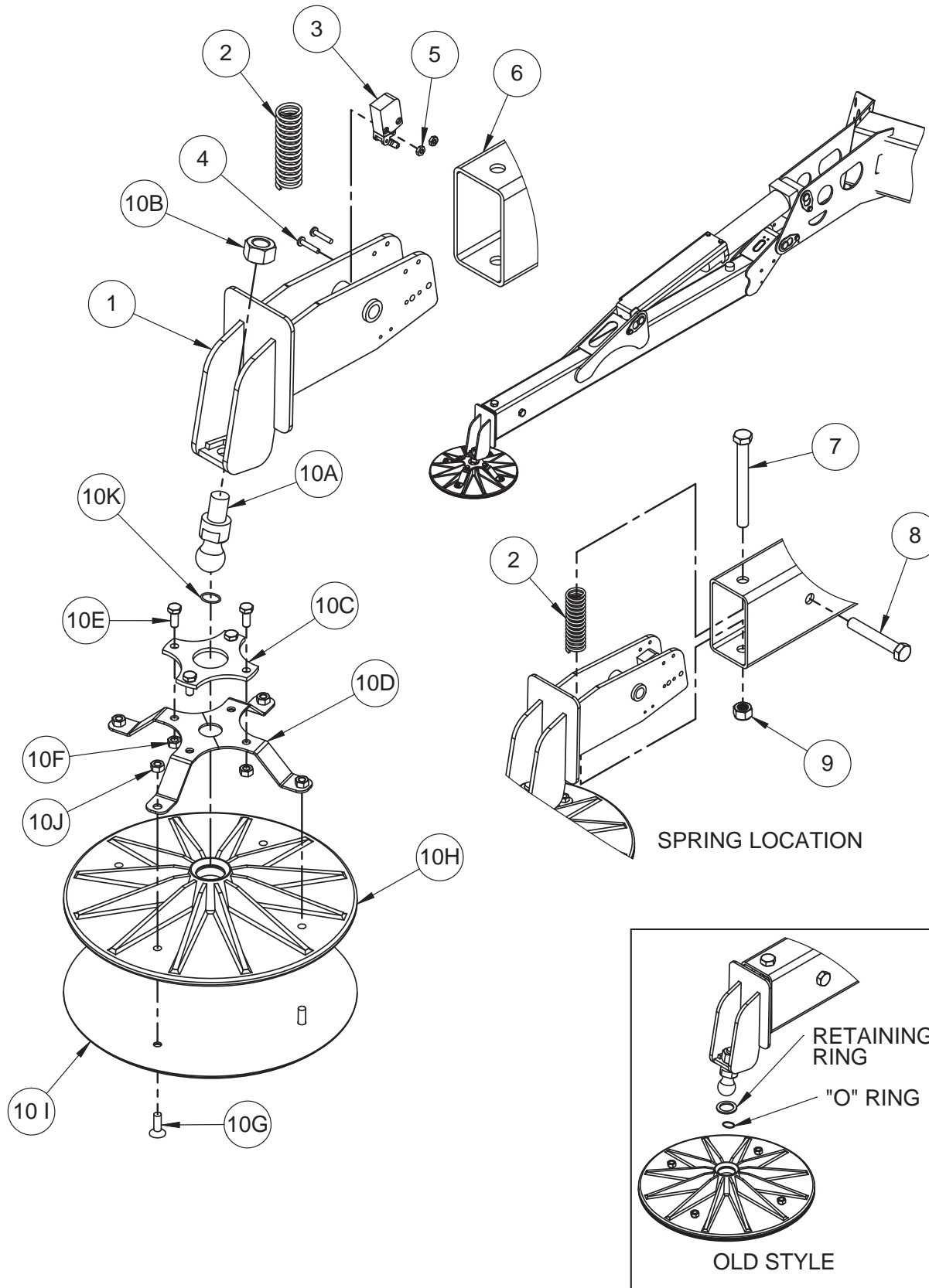
2.2 BASE COMPONENTS OUTRIGGER LEG ASSEMBLY - ANSI, CE & AU



OUTRIGGER LEG ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
* Quantities listed reflect the number of parts needed for EACH Outrigger *			
1	A-00141	Outrigger Cylinder Guard	1
2	A-00142	Guard Slide	1
3	A-00138	Outrigger Cylinder	1
3A	B02-14-0087	Orifice Disc	1
3B	B02-13-0129	Packing Kit - Not Shown	1
4	B02-04-0118	Valve Replaces B02-04-0102 Effective February 2007	1
5	B01-08-0022	Coil Replaces B02-15-0493-A Effective February 2007	1
NOTE: If the Coil is of Metal casing replace with B01-08-0022 Coil If the Coil is of Plastic casing replace with both B01-08-0022 Coil and B02-04-0118 Valve			
6	0096-0009	Screw, Hex Head Cap - M8 x 10	2
7	0096-0010	Screw, Hex Head Cap - M8 x 20	2
8	B20-00-0019	Bumper, Single Stud 1.25" Diameter	1
9	0096-0040	Hex Nut with Nylon Insert, M8	1
10	A-00046	Grommet, 1.5 x 1.25 x 1.75	1
11	A-03100	Base Weldment	Ref.
12	A-00020	Pin, 1.25 x 5.5	2
13	A-00019	Pin Retainer, 1.25	2
14	0096-0016	Screw, Hex Head Cap - M10 x 25	2
15	0096-0041	Hex Nut with Nylon Insert - M10	2
16	A-00032	Composite Bearing, 1.25 x 1.50 x 1.25	2
17	A-00022	Pin, 1.25 x 4.25	1
18	A-00019	Pin Retainer, 1.25	1
19	0096-0016	Screw, Hex Head Cap - M10 x 25	1
20	0096-0041	Hex Nut with Nylon Insert - M10	1
21	A-00120	Outrigger Weldment	1
22	0096-0036	Screw, Hex Head Cap - M16 x 150	1
23	0096-0051	Screw, Hex Head Cap - M16 x 100	1
24	0096-0044	Hex Nut with Nylon Insert - M16	2

OUTRIGGER FOOT ASSEMBLY - ANSI, CE & AU

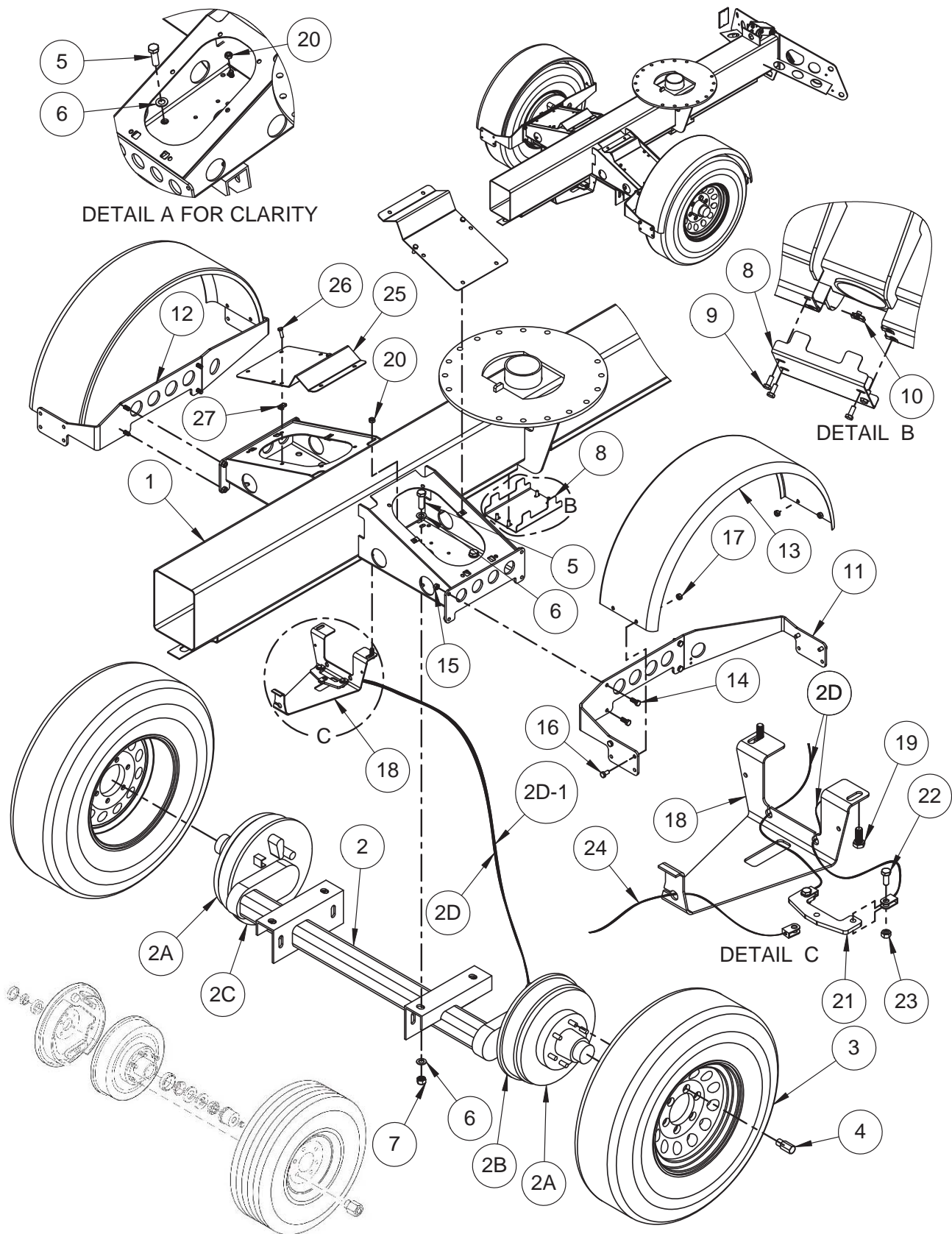


OUTRIGGER FOOT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
* Quantities listed reflect the number of parts needed for EACH Outrigger *			
1	A-00128	Pad Mount Weldment	1
2	A-00154	Spring, Outrigger Sensor	1
3	A-03644	Switch Assembly NO Replaces B01-03-0078 Effective October 2006	1
4	0090-0692	Screw, Round Head Machine - 8-32 X 1 1/4 Replaces 0090-0232 Effective October 2006	2
5	0090-0181	Hex Nut with Nylon Insert - 8-32 Replaces 0090-0182 Effective October 2006	2
6	A-00120	Outrigger Weldment	1
7	0096-0036	Screw, Hex Head Cap - M16 x 150	1
8	0096-0051	Screw, Hex Head Cap - M16 x 100	1
9	0096-0044	Hex Nut with Nylon Insert - M16	2
10	A-00136-K	Foot Pad Kit	1
10A	A-00135	Foot Pad Ball	1
10B	0096-0045	Hex Nut with Nylon Insert - M20	1
10C	A-00139	Footpad Cap Replaces A-00769 Effective September 2007	1
10D	A-00127	Foot Pad Lock Replaces A-00769 Effective September 2007	2
10E	0096-0010	Screw, Hex Head Cap - M8 x 20	4
10F	0096-0040	Hex Nut with Nylon Insert - M8	4
10G	0096-0121	Screw, Flat Head Cap - M8 x 30 Replaces 0096-0012 Effective September 2007	4
10H	A-00136	Foot Pad, Aluminum -12"	1
10I	A-00137	Foot Pad Bottom - 12"	1
10J	0096-0040	Hex Nut with Nylon Insert - M8	4
10K	A-00195	O-ring, 1 1/4 O.D. x 1 I.D.	1

NOTE: If your Outrigger resembles the image at the bottom of the previous page (OLD STYLE)
Use the Outrigger Foot Retrofit Kit, number B22-00-0053 to replace the retaining ring
with items 10C - 10G

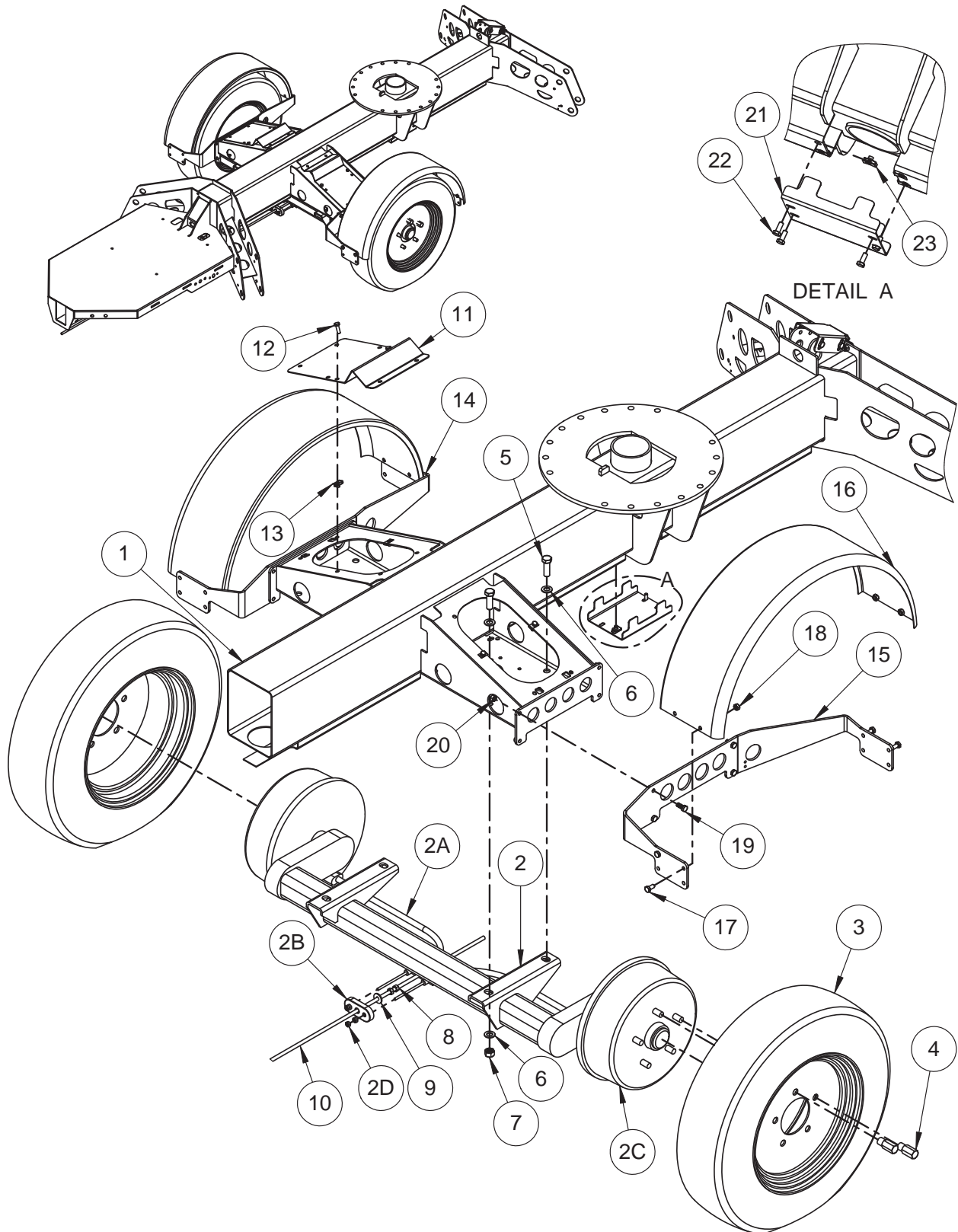
BRAKE & AXLE ASSEMBLY - ANSI



BRAKE & AXLE ASSEMBLY - ANSI

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03100	Base Weldment	Ref.
2	A-05119	Axle Replaces A-00119 Effective September 2008	1
2A	B10-00-0049	Brake Drum and Wheel Hub Assembly Replaces B32-00-0016 Effective September 2008	2
2B	B10-00-0047	Brake Assembly, Left - Driver Side Replaces B10-00-0042 Effective September 2008	1
2C	B10-00-0048	Brake Assembly, Right - Passenger Side Replaces B10-00-0043 Effective September 2008	1
2D	B40-00-0035	Brake Cable	2
2E	B10-00-0113	Axle Only - No Brakes or Hubs - Not Shown	1
2F	B32-00-0016	Cap Only - Not Shown	1
2G	B21-00-0032	Brake Line Kit - Hydraulic Brakes - Not Shown	1
2H	B10-00-0047	Brake Shoes - Left - Not Shown	1
2I	B10-00-0048	Brake Shoes - Right - Not Shown	1
2 - 1	A-05119-E	Axle, Electric Brakes - Option	1
2 - 1A	B10-00-0046	Brake Shoes - Electric Brake Option - Not Shown	1
3	B08-02-0031	Wheel Assembly Replaces B08-02-0023 Effective September 2008	2
3A	B08-02-0004	Tire	2
3B	B32-00-0016	Hub Cap - Not Shown	2
4	0090-1075	Lug Nut	12
5	0096-0034	Screw, Hex Head Cap - M16 x 40	4
6	0096-0050	Flat Washer, M16	8
7	0096-0044	Hex Nut with Nylon Insert - M16	4
8	A-00175	Hydraulic Cover	1
9	0096-0011	Screw, Hex Head Cap - M8 x 25	4
10	0096-0067	Nut Clip, M8	4
11	A-00151-1	Fender Mount - Left	1
12	A-00151-2	Fender Mount - Right	1
13	A-00143	Fender	2
14	0096-0016	Screw, Hex Head Cap - M10 x 25	8
15	0096-0041	Hex Nut with Nylon Insert - M10	8
16	0096-0014	Screw, Hex Head Cap - M10 x 20	8
17	0096-0041	Hex Nut with Nylon Insert - M10	8
18	A-00176	Cable Bracket Mount	1
19	0096-0016	Screw, Hex Head Cap - M10 x 25	2
20	0096-0041	Hex Nut with Nylon Insert - M10	2
21	A-00184	Equalizer Bracket	1
22	0096-0010	Screw, Hex Head Cap - M8 x 20	3
23	0096-0040	Hex Nut with Nylon Insert - M8	3
24	A-03187	Cable Assembly, Parking Brake	1
25	A-00932	Manifold Cover	2
26	0096-0011	Screw, Hex Head Cap - M8 x 25	12
27	0096-0067	Nut Clip, M8	12
28	B21-00-0032	Brake Line Kit, Hydraulic Brakes - Not Shown	1

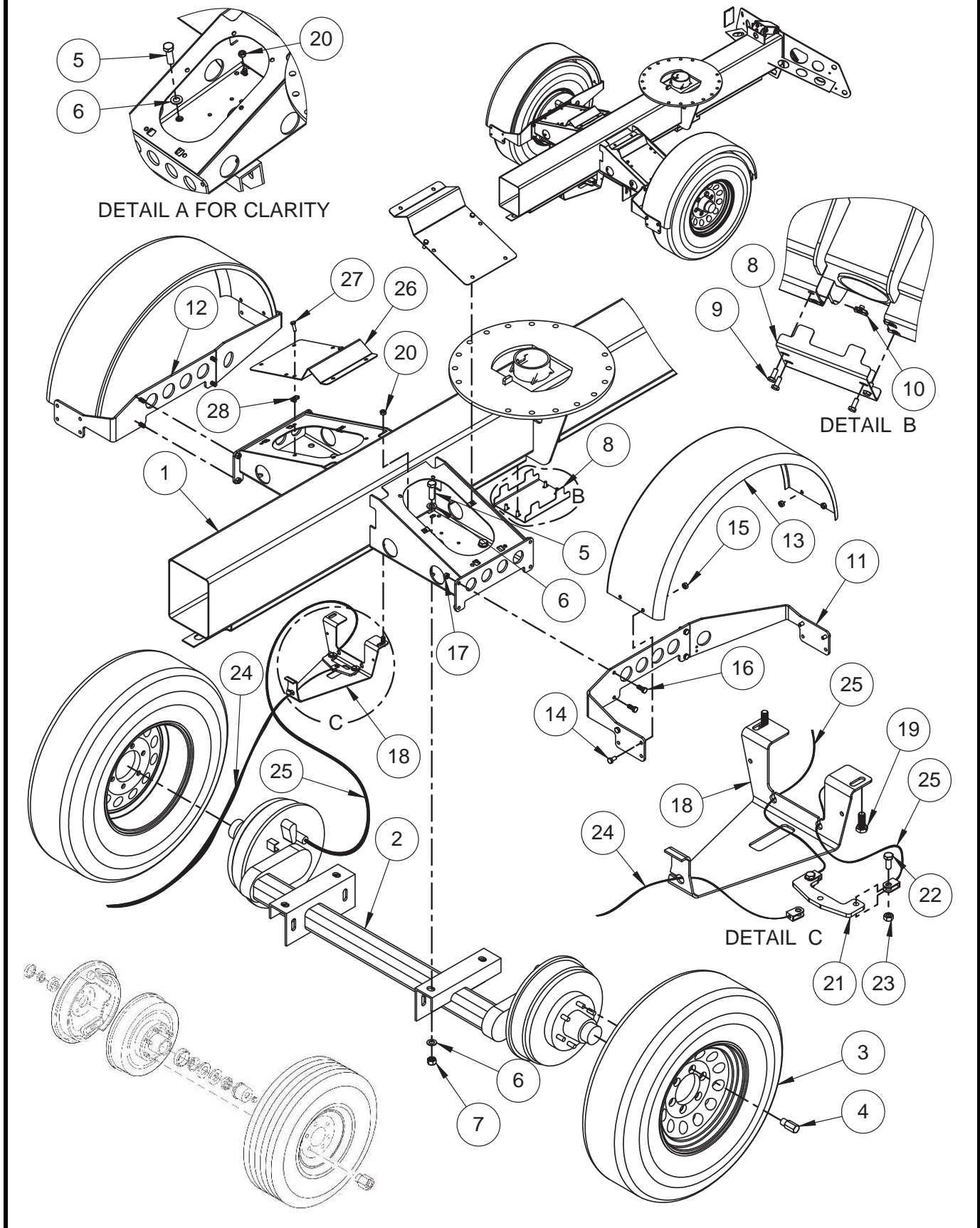
BRAKE & AXLE ASSEMBLY - CE



BRAKE & AXLE ASSEMBLY - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03651	Base Weldment	Ref.
2	A-05618	Axle Replaces A-03618 Effective November 2007	1
2A	B10-00-0156	Brake Cable	1
2B	B10-00-0158	Balance Bar	1
2C	B10-00-0148	Drum	1
2D	0096-0149	Hex Nut - M8	4
2E	B10-00-0149	Hub Cap - Not Shown	1
2F	B10-00-0150	Bearings - Not Shown	1
2G	B10-00-0151	Brake Shoes - Not Shown	1
2H	B10-00-0152	Brake Spring - Not Shown	1
2I	B10-00-0153	Brake Adjuster - Not Shown	1
2J	B10-00-0154	Brake Expander - Not Shown	1
3	A-05617	Wheel Assembly Replaces A03617 Effective November 2007	2
4	0096-0134	Lug Nut	12
5	0096-0034	Screw, Hex Head Cap - M16 x 40	4
6	0096-0050	Flat Washer, M16	8
7	0096-0044	Hex Nut with Nylon Insert - M16	4
8	0096-0114	Hex Nut - M10	2
9	0096-0093	Flat Washer - M10 - Large O.D.	1
10	A-03677	Rod Threaded M10 x 1.5 x 82in	1
11	A-00932	Manifold Cover	2
12	0096-0011	Screw, Hex Head Cap - M8 x 25	12
13	0096-0067	Nut Clip, M8	12
14	A-00151-2	Fender Mount – Right	1
15	A-00151-1	Fender Mount – Left	1
16	A-00143	Fender	2
17	0096-0014	Screw, Hex Head Cap - M10 x 20	8
18	0096-0041	Hex Nut with Nylon Insert - M10	8
19	0096-0016	Screw, Hex Head Cap - M10 x 25	8
20	0096-0041	Hex Nut with Nylon Insert - M10	8
21	A-00175	Hydraulic Cover	1
22	0096-0011	Screw, Hex Head Cap - M8 x 25	4
23	0096-0067	Nut Clip, M8	4

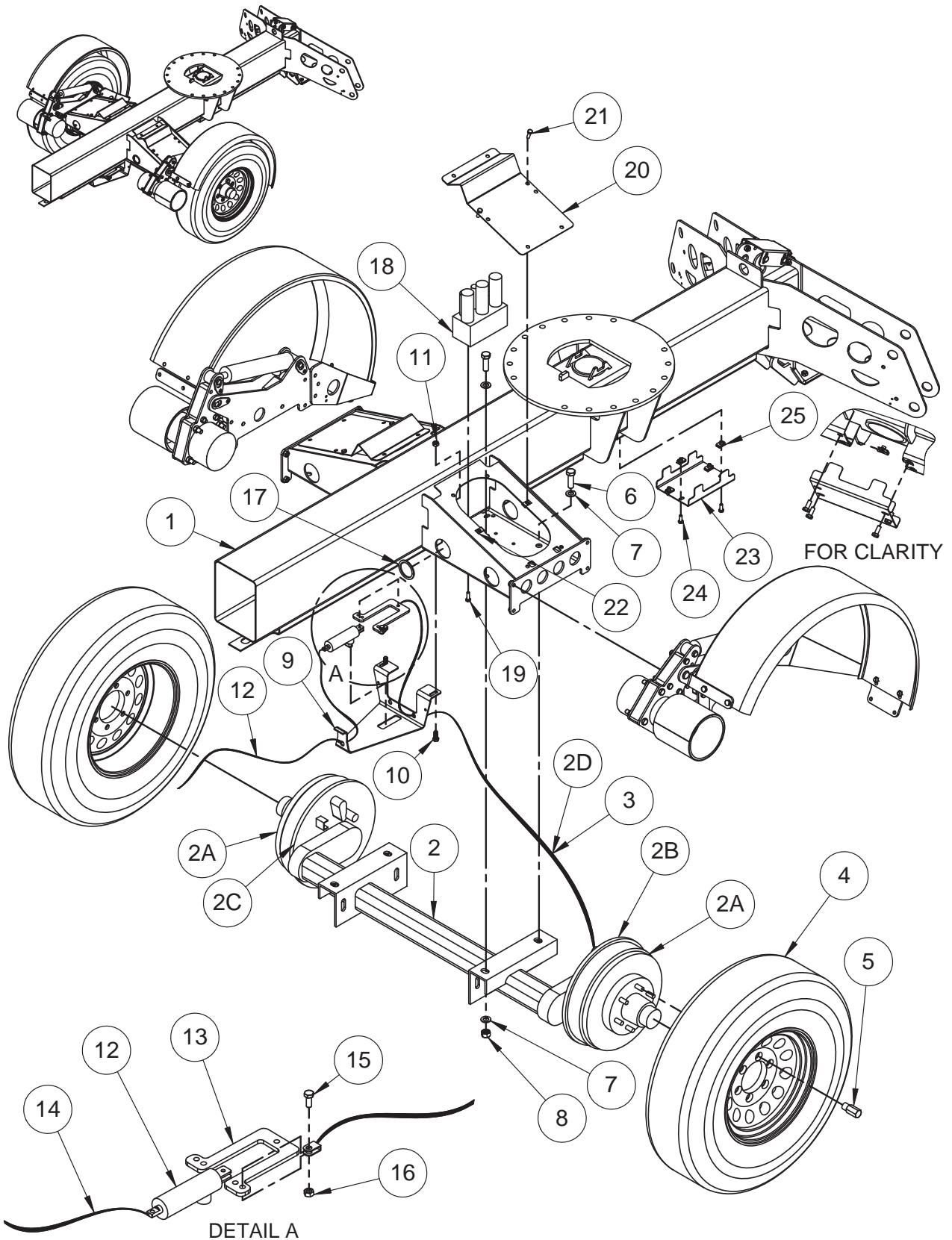
BRAKE & AXLE ASSEMBLY - AU



BRAKE & AXLE ASSEMBLY - AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03100	Base Weldment	Ref.
2	A-05119-E	Axle, Electric Brake	1
2A	B10-00-0046	Brake shoes	1
3	B08-02-0031	Wheel Assembly Replaces B08-02-0023 Effective September 2008	2
3A	B08-02-0004	Tire	2
3B	B32-00-0016	Hub Cap - Not Shown	2
4	0090-1075	Lug Nut	12
5	0096-0034	Screw, Hex Head Cap - M16 x 40	4
6	0096-0050	Flat Washer, M16	8
7	0096-0044	Hex Nut with Nylon Insert - M16	4
8	A-00175	Hydraulic Cover	1
9	0096-0011	Screw, Hex Head Cap - M8 x 25	4
10	0096-0067	Nut Clip, M8	4
11	A-00151-1	Fender Mount – Left	1
12	A-00151-2	Fender Mount – Right	1
13	A-00143	Fender	2
14	0096-0014	Screw, Hex Head Cap - M10 x 20	8
15	0096-0041	Hex Nut with Nylon Insert - M10	8
16	0096-0016	Screw, Hex Head Cap - M10 x 25	8
17	0096-0041	Hex Nut with Nylon Insert - M10	8
18	A-00176	Cable Bracket Mount	1
19	0096-0016	Screw, Hex Head Cap - M10 x 25	2
20	0096-0041	Hex Nut with Nylon Insert - M10	2
21	A-00184	Equalizer Bracket	1
22	0096-0010	Screw, Hex Head Cap - M8 x 20	3
23	0096-0040	Hex Nut with Nylon Insert - M8	3
24	A-03187	Cable Assembly, Parking Brake	1
25	A-00223	Cable Assembly, Parking Brake	2
26	A-00932	Manifold Cover	2
27	0096-0011	Screw, Hex Head Cap - M8 x 25	12
28	0096-0067	Nut Clip, M8	12

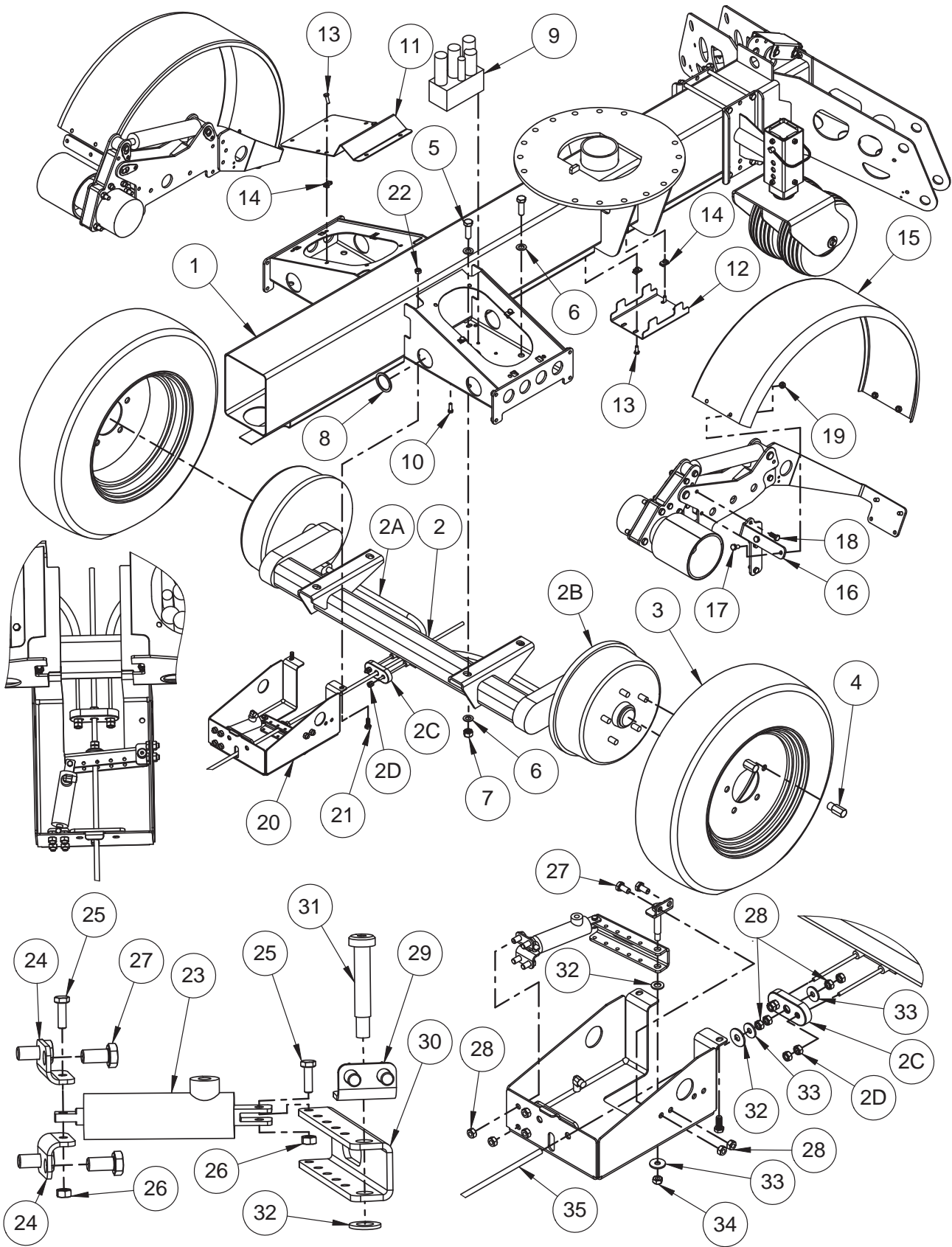
BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - ANSI & AU



BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - ANSI & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03100	Base Weldment	Ref.
2	A-05119	Axle – Hydraulic Surge Replaces A-00119 Effective September 2008	Ref.
2A	B10-00-0049	Brake Drum and Wheel Hub Assembly - Hydraulic Surge	Ref.
2B	B10-00-0047	Brake Assembly, Left - Driver Side - Hydraulic Surge	Ref.
2C	B10-00-0048	Brake Assembly, Right -Passenger Side – Hydraulic Surge	Ref.
2D	B40-00-0035	Brake Cable - Hydraulic Surge Brake - Hydraulic Surge	Ref.
2 - 1	A-05119-E	Axle - Electric Brake Option	Ref.
2 - 1A	B10-00-0046	Brake Shoes - Electric Brake Option - Not Shown	Ref.
3	A-00223	Cable - Parking Brake - Electric Surge Brake Option	2
4	B08-02-0031	Wheel Assembly Replaces B08-02-0023 Effective September 2008	2
4A	B08-02-0004	Tire	Ref.
4B	B32-00-0016	Hub Cap - Not Shown	Ref.
5	0090-1075	Lug Nut	Ref.
6	0096-0034	Screw, Hex Head Cap - M16 x 40	4
7	0096-0050	Flat Washer, M16	8
8	0096-0044	Hex Nut with Nylon Insert - M16	4
9	A-00176	Cable Brake Mount - Hydraulic Surge Brake	1
9A	A-00166	Cable Brake Mount - Electric Surge Brake	1
10	0096-0016	Screw, Hex Head Cap - M10 x 25	2
11	0096-0041	Hex Nut with Nylon Insert - M10	2
12	A-00930	Cylinder, Brake - Hydraulic Surge Brake	1
12A	A-00945	Cylinder Brake - Electric Surge Brake	1
13	A-00936	Equalizer Bracket	1
14	A-03187	Cable Assembly, Parking Brake	1
15	0096-0010	Screw, Hex Head Cap - M8 x 20	3
16	0096-0040	Hex Nut with Nylon Insert - M8	3
17	A-00941	Grommet,	7
18	A-00928	Manifold	1
19	0096-0011	Screw, Hex Head Cap - M8 x 25	2
20	A-00932	Manifold Cover	2
21	0096-0011	Screw, Hex Head Cap - M8 x 25	12
22	0096-0067	Nut Clip, M8	12
23	A-00175	Hydraulic Cover	1
24	0096-0011	Screw, Hex Head Cap - M8 x 25	4
25	0096-0067	Nut Clip, M8	4
26	B21-00-0026	Brake Line Kit - Hydraulic Brakes - Not Shown	1

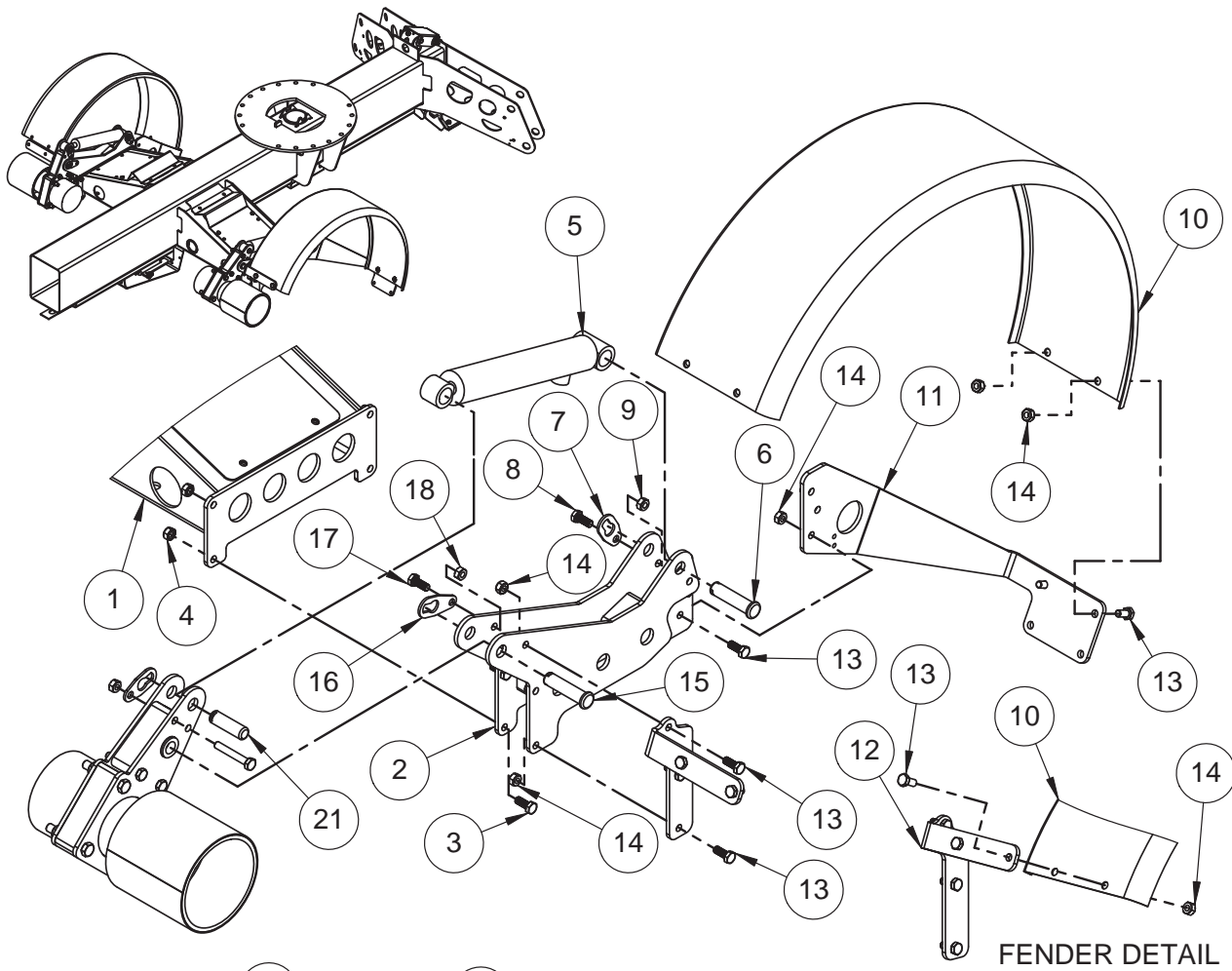
BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - CE



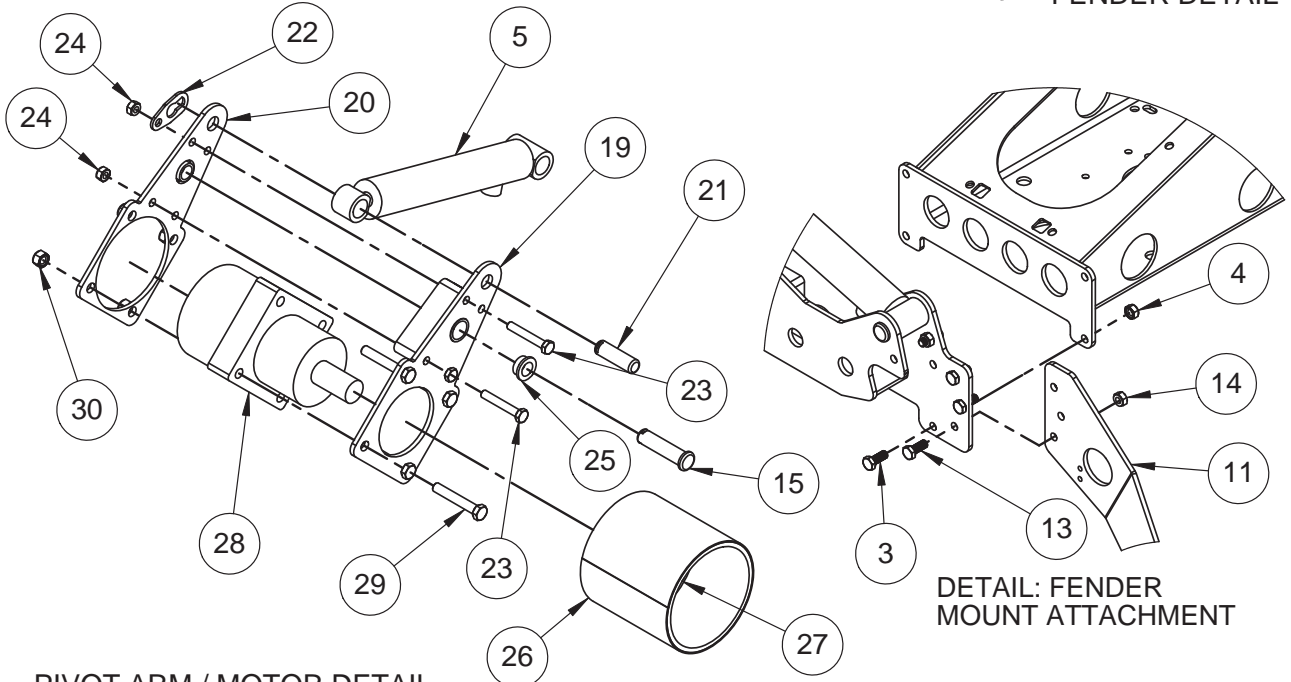
BRAKE & AXLE ASSEMBLY FOR DRIVE & SET OPTION - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03651	Base Weldment	Ref.
2	A-05618	Axle Replaces A-03618 Effective November 2007	Ref.
2A	B10-00-0156	Brake Cable	1
2B	B10-00-0158	Balance Bar	1
2C	B10-00-0148	Drum	1
2D	0096-0149	Hex Nut - M8	4
3	A-05617	Wheel Assembly Replaces A03617 Effective November 2007	Ref.
4	0096-0134	Lug Nut	12
5	0096-0034	Screw, Hex Head Cap - M16 x 40	4
6	0096-0050	Flat Washer, M16	8
7	0096-0044	Hex Nut with Nylon Insert - M16	4
8	A-00941	Grommet,	7
9	A-00928	Manifold	1
10	0096-0011	Screw, Hex Head Cap - M8 x 25	2
11	A-00932	Manifold Cover	2
12	A-00175	Hydraulic Cover	1
13	0096-0011	Screw, Hex Head Cap - M8 x 25	16
14	0096-0067	Nut Clip, M8	16
15	A-00143	Fender	2
16	A-00907-1	Fender Mount, Left	1
16A	A-00907-2	Fender Mount, Right	1
17	0096-0014	Screw, Hex Head Cap - M10 x 20	8
18	0096-0016	Screw, Hex Head Cap - M10 x 25	6
19	0096-0041	Hex Nut with Nylon Insert - M10	14
20	A-04666	Cable Brake Mount	1
21	0096-0016	Screw, Hex Head Cap - M10 x 25	2
22	0096-0041	Hex Nut with Nylon Insert - M10	2
23	A-00930CE	Cylinder	1
24	A-03668	Brake Cylinder Mount CE	2
25	0096-0004	Screw, Hex Head Cap - M6 x 25	2
26	0096-0039	Hex Nut with Nylon Insert, M6	2
27	0096-0014	Screw, Hex Head Cap - M10 x 20	6
28	0096-0041	Hex Nut with Nylon Insert - M10	10
29	A-03672	Pivot Bolt Mount	1
30	A-03667	Brake Release Bracket	1
31	A-03669	Bolt, Shoulder - M12 x 55	1
32	0096-0046	Flat Washer, M12	2
33	0096-0093	Flat Washer - M10 - Large O.D.	3
34	0096-0041	Hex Nut with Nylon Insert - M10	1
35	A-03677	Rod Threaded M10 x 1.5 x 82in	Ref.

DRIVE MOTOR ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU



FENDER DETAIL



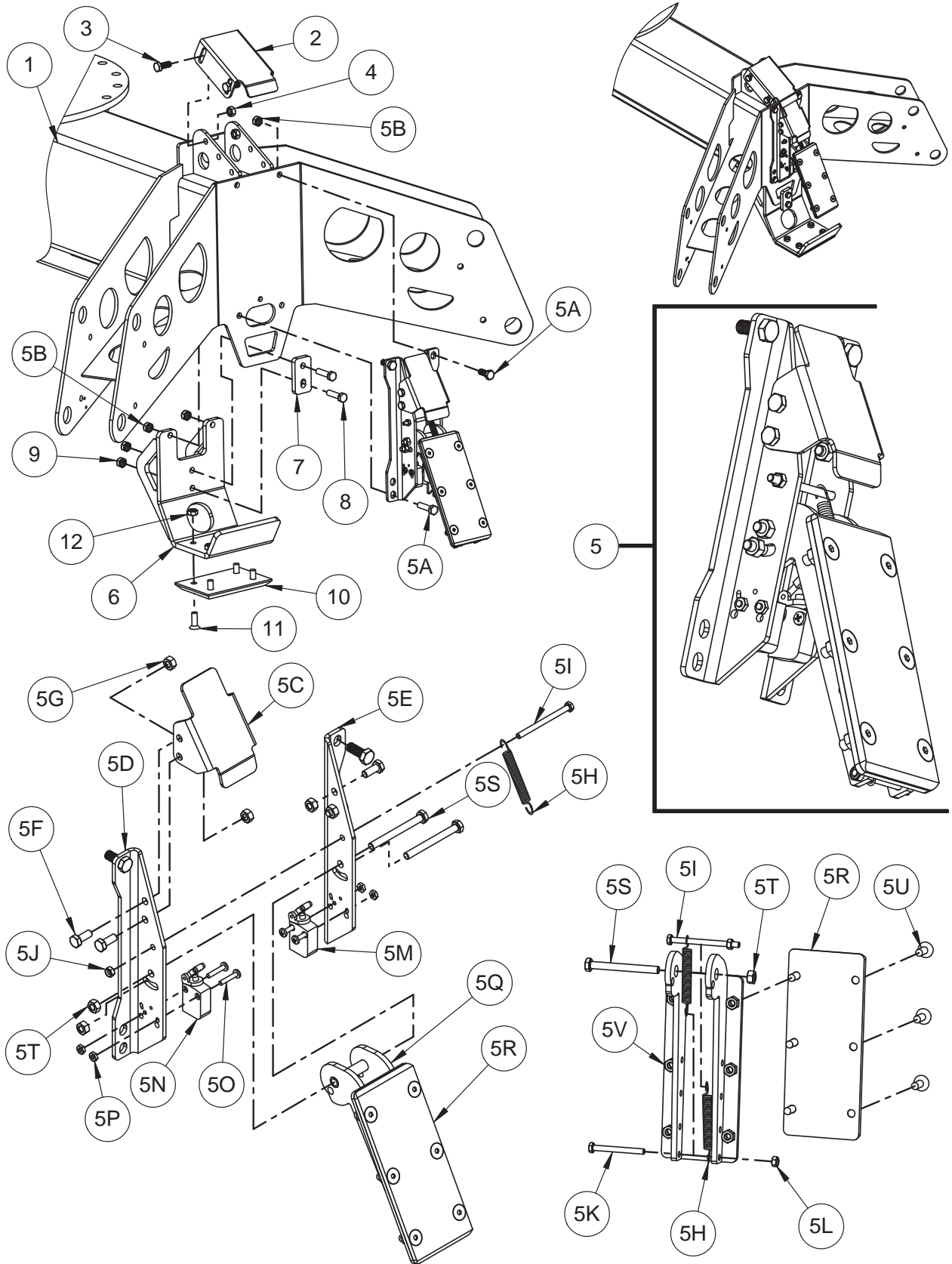
DETAIL: FENDER MOUNT ATTACHMENT

PIVOT ARM / MOTOR DETAIL

DRIVE MOTOR ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03100	Base Weldment – ANSI & AU	Ref.
1A	A-03651	Base Weldment - CE	Ref.
2	A-00901L	Mount Weldment, Driver Side - Hydraulic Surge Brake	1
2A	A-00950L	Mount Weldment, Driver Side - Electric Surge Brake	1
2B	A-00901R	Mount Weldment, Passenger Side - Hydraulic Surge Brake	1
2C	A-00950R	Mount Weldment, Passenger Side - Electric Surge Brake	1
3	0096-0016	Screw, Hex Head Cap - M10 x 25	8
4	0096-0041	Hex Nut with Nylon Insert - M10	8
5	A-00906	Cylinder	2
5A	B02-13-0153	Seal Kit	1
6	A-00927	Pin with Head, .75 X 3.25	2
7	A-00017	Pin, Retainer .75	2
8	0096-0016	Screw, Hex Head Cap - M10 x 25	2
9	0096-0041	Hex Nut with Nylon Insert - M10	2
10	A-00143	Fender	2
11	A-00908L	Fender Mount, Rear - Driver Side	1
11A	A-00908R	Fender Mount, Rear - Passenger Side	1
12	A-00907-1	Fender Mount, Left	1
12A	A-00907-2	Fender Mount, Right	1
13	0096-0016	Screw, Hex Head Cap - M10 x 25	20
14	0096-0041	Hex Nut with Nylon Insert - M10	20
15	A-00927	Pin with Head, .75 X 3.25	2
16	A-00017	Pin, Retainer .75	2
17	0096-0016	Screw, Hex Head Cap - M10 x 25	2
18	0096-0041	Hex Nut with Nylon Insert - M10	2
19	A-00910	Pivot Weldment	2
20	A-00912	Pivot Arm "B"	2
21	A-00926	Pin, .75 X 2.5	2
22	A-00925	Pin Retainer, .75	2
23	0096-0066	Screw, Hex Head Cap - M10 x 60	4
24	0096-0041	Hex Nut with Nylon Insert - M10	4
25	A-00056	Bearing	4
26	A-00920	Friction Wheel	2
27	0090-0788	Flat Washer, 5/8 - Not Shown	2
28	A-00915	Motor, Hydraulic	2
29	0096-0022	Screw, Hex Head Cap - M12 x 75	8
30	0096-0042	Hex Nut with Nylon Insert - M12	8

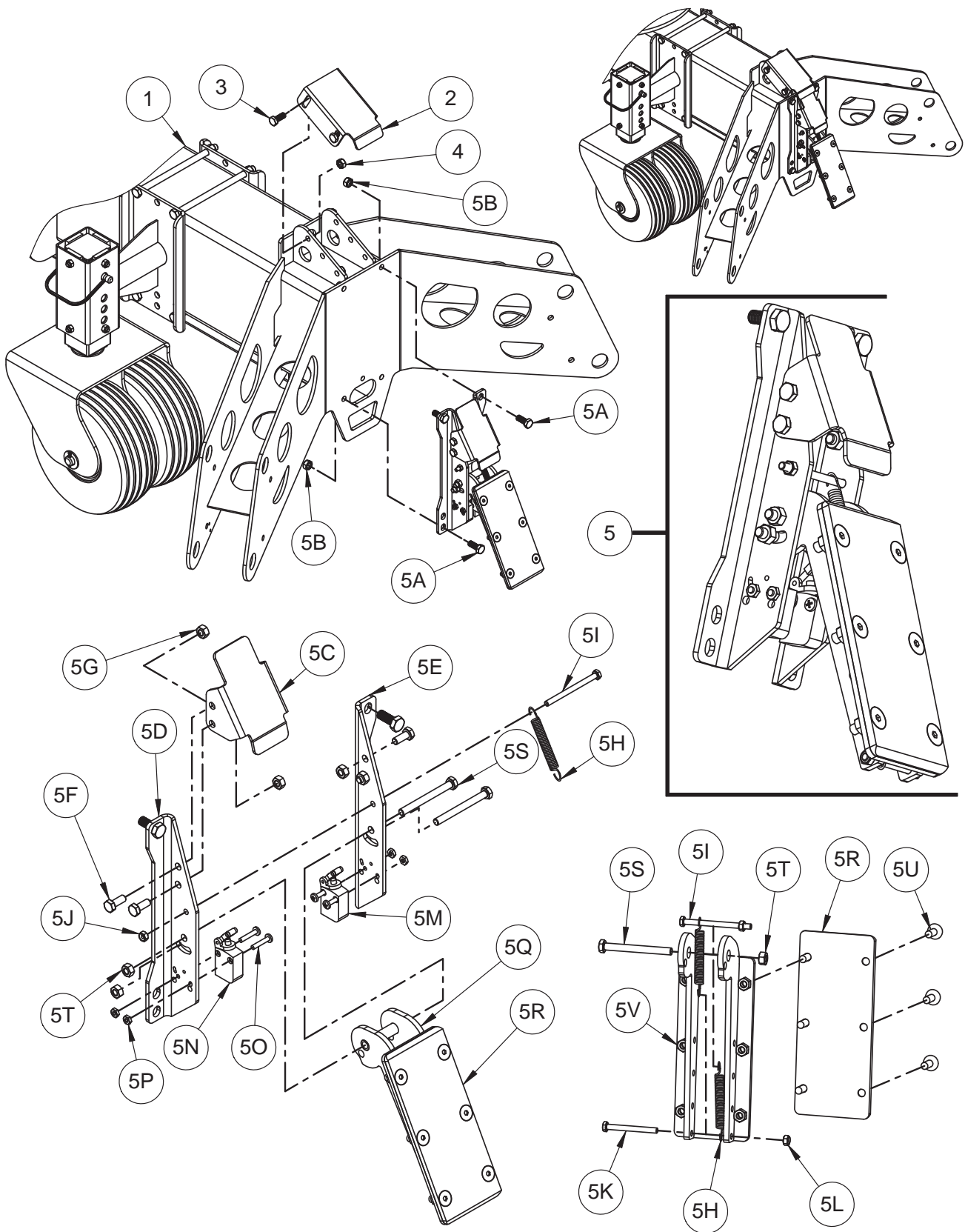
JIB REST ASSEMBLY - ANSI & AU



JIB REST ASSEMBLY - ANSI & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03100	Base Weldment	Ref.
2	A-01185	Plate, Jib Slide	1
3	0096-0016	Screw, Hex Head Cap - M10 x 25	4
4	0096-0041	Hex Nut with Nylon Insert, M10	4
5	B03-00-0201	Jib Switch Assembly	1
5A	0096-0016	Screw, Hex Head Cap - M10 x 25	4
5B	0096-0041	Hex Nut with Nylon Insert, M10	4
5C	A-01184	Plate, Lower - Jib Slide	1
5D	A-01190L	Jib Rest Switch Plate A - Left	1
5E	A-01190R	Jib Rest Switch Plate A - Right	1
5F	0096-0010	Screw, Hex Head Cap - M8 x 20	4
5G	0096-0040	Hex Nut with Nylon Insert, M8	4
5H	A-01196	Spring, Tension	4
5I	0096-0078	Screw, Hex Head Cap - M6 x 80	1
5J	0096-0039	Hex Nut with Nylon Insert, M6	1
5K	0096-0085	Screw, Hex Head Cap - M6 x 60	1
5L	0096-0039	Hex Nut with Nylon Insert, M6	1
5M	A-03647	Switch Assembly NC Replaces B01-03-0079 Effective October 2006	1
5N	A-03644	Switch Assembly NO Replaces B01-03-0078 Effective October 2006	1
5O	0090-0692	Screw, Round Head Machine - 8-32 X 1 1/4 Replaces 0090-0232 Effective October 2006	4
5P	0090-0181	Hex Nut with Nylon Insert - 8-32 Replaces 0090-0182 Effective October 2006	4
5Q	A-01191	Switch Cam Weldment	1
5R	A-01195	Switch Cam Top Slide	1
5S	0096-0081	Screw, Hex Head Cap - M8 x 80	2
5T	0096-0040	Hex Nut with Nylon Insert, M8	2
5U	0096-0012	Screw, Flat Head Cap - M8 x 25	6
5V	0096-0040	Hex Nut with Nylon Insert, M8	6
6	A-03909	Skid Plate - Drive & Set Option	1
7	A-01913	Skid Plate Clamp - Drive & Set Option	1
8	0096-0018	Screw, Hex Head Cap - M10 x 40	2
9	0096-0041	Hex Nut with Nylon Insert, M10	2
10	A-01911	Skid Pad - Drive & Set Option	1
11	0096-0092	Screw, Flat Head Socket Cap - M10 x 30	4
12	0096-0041	Hex Nut with Nylon Insert, M10	4

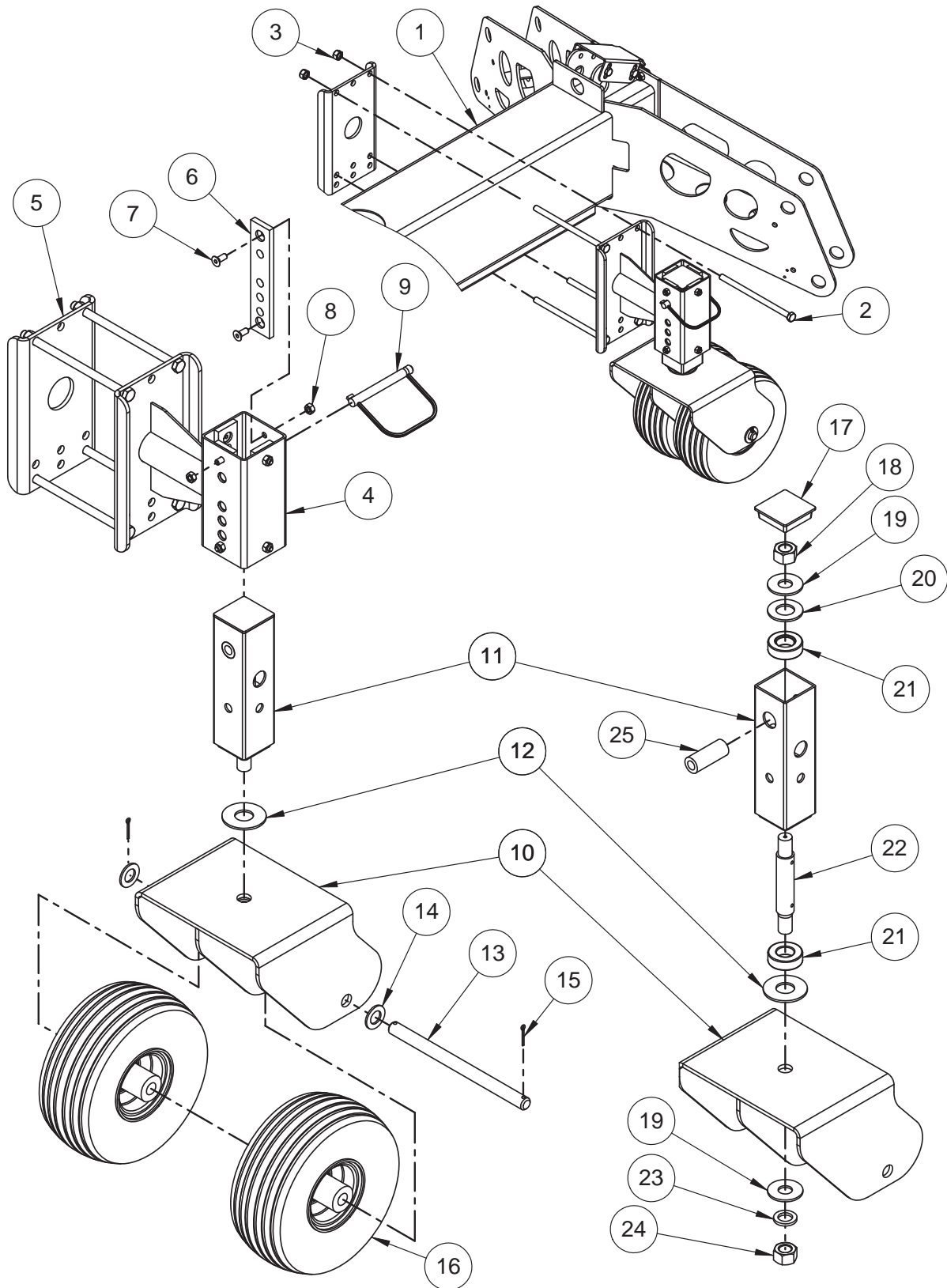
JIB REST ASSEMBLY - CE



JIB REST ASSEMBLY - CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03651	Base Weldment	Ref.
2	A-01185	Plate, Jib Slide	1
3	0096-0016	Screw, Hex Head Cap - M10 x 25	4
4	0096-0041	Hex Nut with Nylon Insert, M10	4
5	B03-00-0201	Jib Switch Assembly	1
5A	0096-0016	Screw, Hex Head Cap - M10 x 25	4
5B	0096-0041	Hex Nut with Nylon Insert, M10	4
5C	A-01184	Plate, Lower - Jib Slide	1
5D	A-01190L	Jib Rest Switch Plate A - Left	1
5E	A-01190R	Jib Rest Switch Plate A - Right	1
5F	0096-0010	Screw, Hex Head Cap - M8 x 20	4
5G	0096-0040	Hex Nut with Nylon Insert, M8	4
5H	A-01196	Spring, Tension	4
5I	0096-0078	Screw, Hex Head Cap - M6 x 80	1
5J	0096-0039	Hex Nut with Nylon Insert, M6	1
5K	0096-0085	Screw, Hex Head Cap - M6 x 60	1
5L	0096-0039	Hex Nut with Nylon Insert, M6	1
5M	A-03647	Switch Assembly NC Replaces B01-03-0079 Effective October 2006	1
5N	A-03644	Switch Assembly NO Replaces B01-03-0078 Effective October 2006	1
5O	0090-0692	Screw, Round Head Machine - 8-32 X 1 1/4 Replaces 0090-0232 Effective October 2006	4
5P	0090-0181	Hex Nut with Nylon Insert - 8-32 Replaces 0090-0182 Effective October 2006	4
5Q	A-01191	Switch Cam Weldment	1
5R	A-01195	Switch Cam Top Slide	1
5S	0096-0081	Screw, Hex Head Cap - M8 x 80	2
5T	0096-0040	Hex Nut with Nylon Insert, M8	2
5U	0096-0012	Screw, Flat Head Cap - M8 x 25	6
5V	0096-0040	Hex Nut with Nylon Insert, M8	6

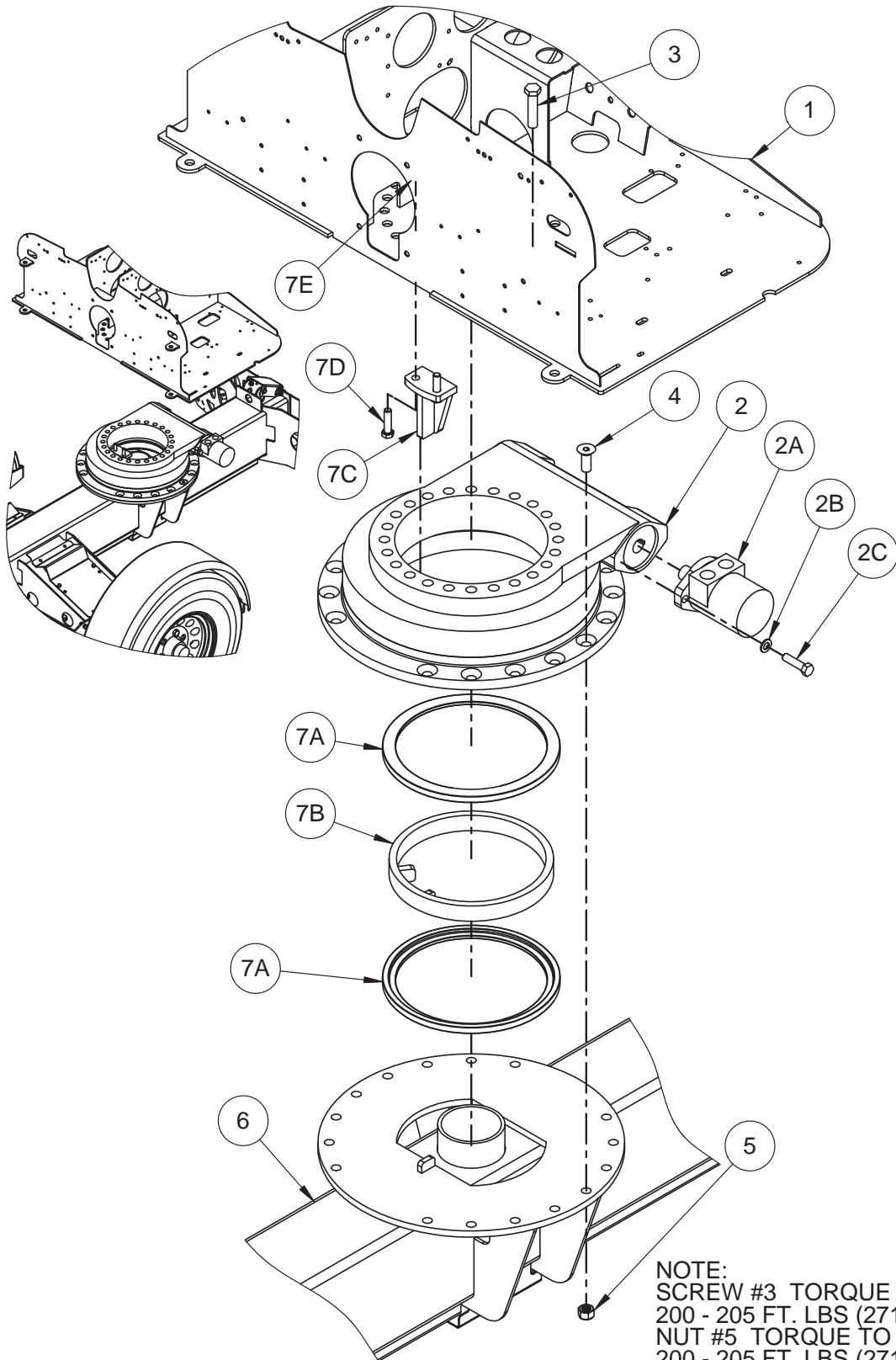
REAR DOLLY WHEEL ASSEMBLY – CE ONLY



REAR DOLLY WHEEL ASSEMBLY – CE ONLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03651	Base Weldment	Ref.
2	0096-0029	Screw, Flat Head Cap - M12 x 220	4
3	0096-0042	Hex Nut with Nylon Insert, M12	4
4	A-02376	Attach Plate Weldment	1
5	A-02377	Attach Plate	1
6	A-02393	Slider	4
7	0096-0178	Screw, Flat Head Socket Cap - M8 x 20	8
8	0096-0040	Hex Nut with Nylon Insert, M8	8
9	0068-094	Lock Pin, Snap - 1/2 x 3 1/2	1
10	A-02386	Yoke	1
11	A-02396	Yoke Extension	1
12	0090-0778	Flat Washer, 1	1
13	A-02391	Axle	1
14	0096-0087	Flat Washer, M20	2
15	0090-0147	Pin, Cotter - 1/8 x 1 1/4	2
16	A-02165	Tire and Wheel	2
17	A-02395	Plug, Black - 2 1/2" Square	1
18	0096-0045	Hex Nut with Nylon Insert, M20	1
19	0090-0427	Flat Washer, 3/4	2
20	0090-0429	Flat Washer, SAE 1	1
21	B25-00-0096	Bearing, Thrust	2
22	A-02397	Pivot Shaft	1
23	0096-0182	Washer, Lock - M20	1
24	0096-0181	Hex Nut - M20	1
25	A-02394	Bushing Pin	1

SLEW RING ASSEMBLY - ANSI, CE & AU

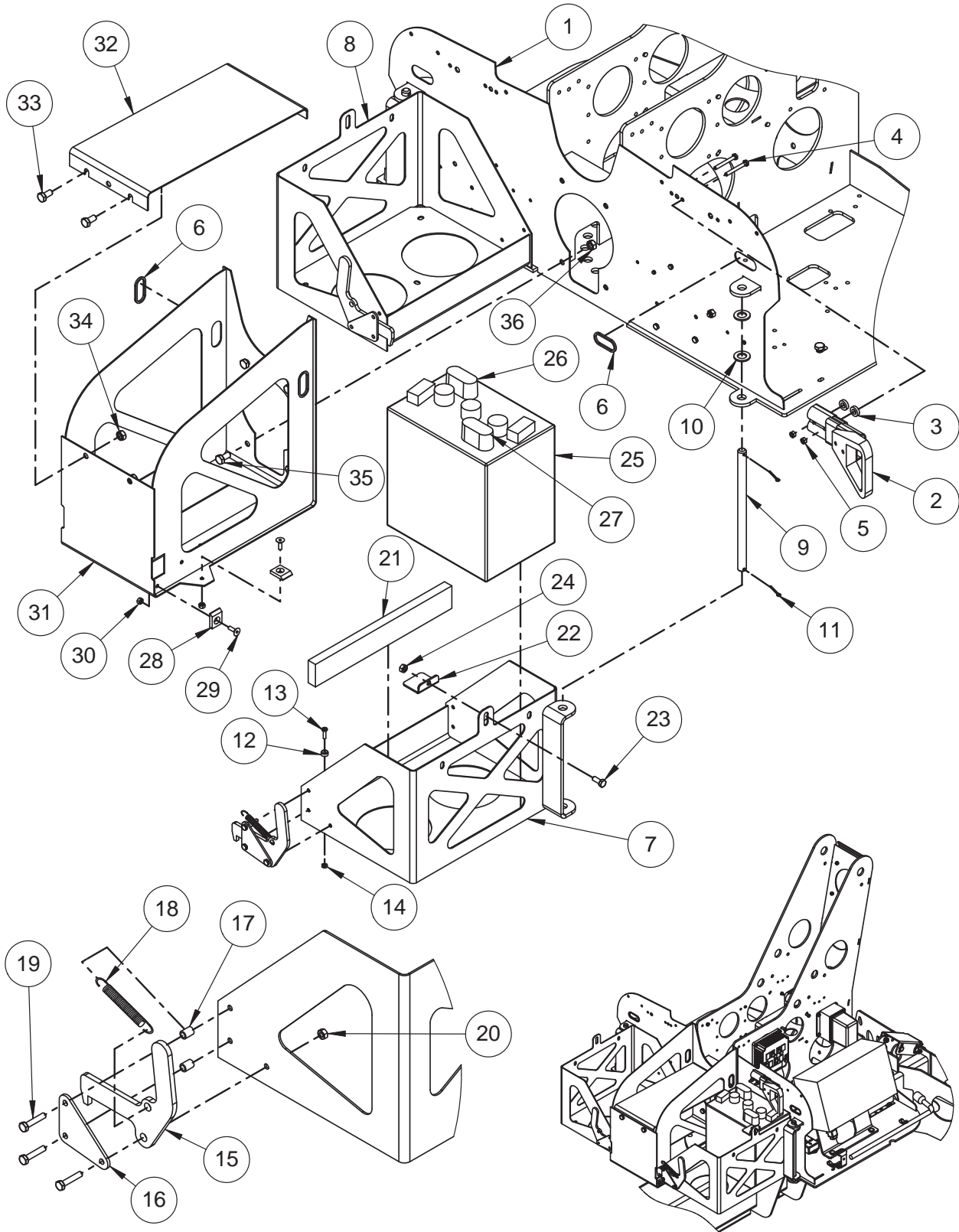


NOTE:
SCREW #3 TORQUE TO
200 - 205 FT. LBS (271 - 278 N-m)
NUT #5 TORQUE TO
200 - 205 FT. LBS (271 - 278 N-m)

SLEW RING ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	A-02189	Slew Ring and Adapter Assembly	1
2A	B02-06-0018	Drive Motor - 80cc	1
2B	0090-0461	Screw, Hex Head Cap - 1/2-13 x 2	2
2C	0090-0212	Washer, Lock - 1/2	2
3	0090-0643	Screw, Hex Head Cap - 5/8-11 x 2 3/4 – Grade 8 NOTE: Torque to 200 - 205 ft-lb (271 – 278 N-m)	19
4	0096-0054	Screw, Flat Head Cap - M16 x 50	16
5	0090-0044	Hex Nut with Nylon Insert, M16 NOTE: Torque to 200 - 205 ft-lb (271 – 278 N-m)	16
6	A-03100	Base Weldment – ANSI & AU	Ref.
6A	A-03651	Base Weldment - CE	Ref.
7	A-00350	Rotation Stop Assembly	1
7A	A-00351	Nylon Ring Slider	2
7B	A-00352	Ring	1
7C	A-00356	Ring Stop Top	1
7D	0096-0021	Screw, Hex Head Cap - M12 x 45	2
7E	0096-0042	Hex Nut with Nylon Insert, M12	2
8	B02-01-0282	Hose, Hydraulic # 2 x 20 in - Not Shown	1
9	B00-00-0061	Zerk Grease 1/8 in NPT 90° - Not Shown	1
10	B02-02-0241	Coupling, Fitting - Not Shown	1
11	B02-13-0144	Seal Kit - Not Shown	1
12	A-00191	Cap Seal for Slew Ring - Not Shown	1

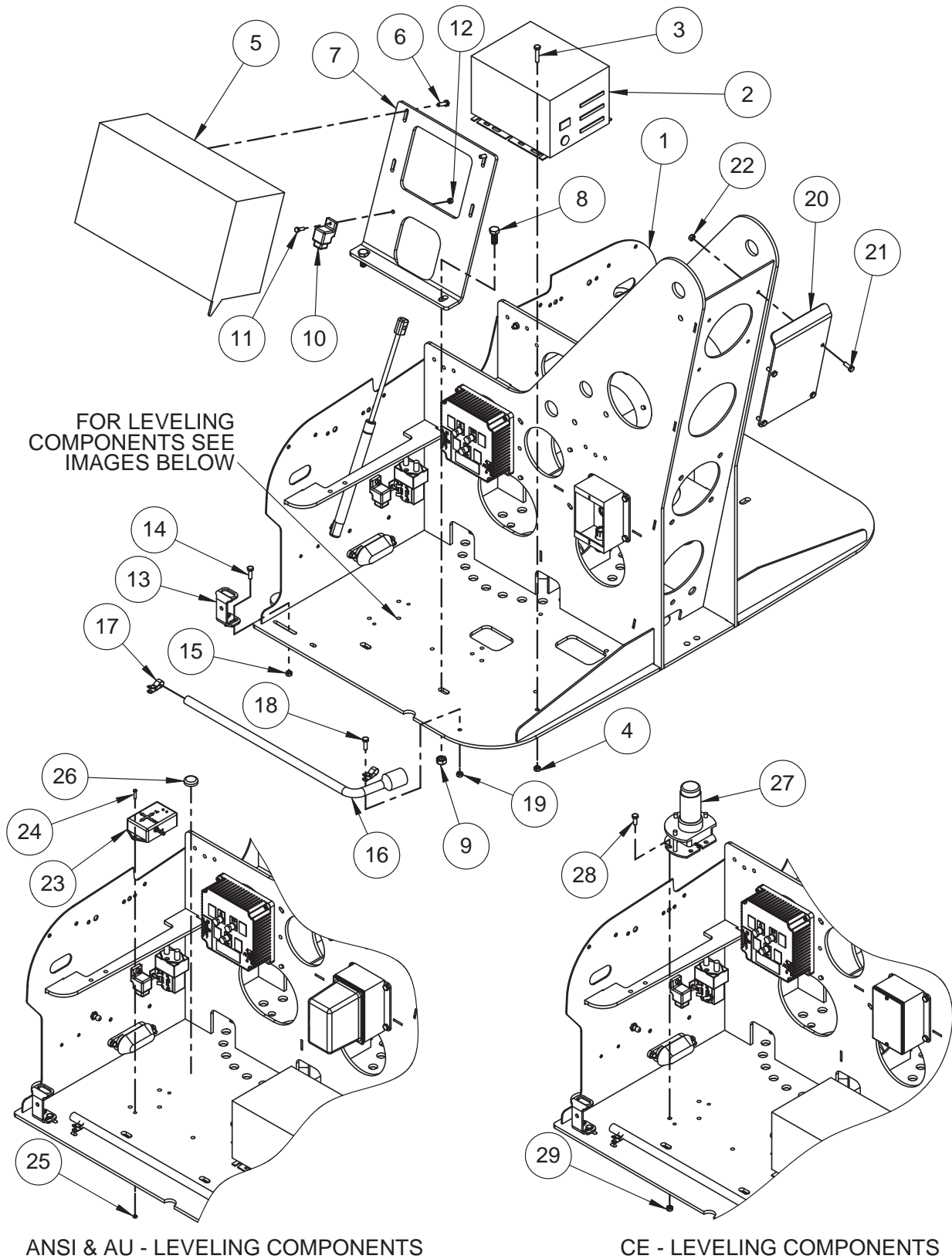
2.3 TURNTABLE COMPONENTS BATTERY COMPARTMENT ASSEMBLY - ANSI, CE & AU



BATTERY COMPARTMENT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	1
2	A-00272	Battery Cable Kit	1
2A	B01-09-0132	A-Frame Connector Handle	1
2B	B01-09-0131	Connector Plug	1
3	0096-0047	Washer, Nylon - M10	2
4	0096-0052	Screw, Hex Head Cap - M6 x 40	2
5	0096-0039	Hex Nut with Nylon Insert, M6	2
6	A-00046	Grommet	3
7	A-00215	Battery Box Weldment – Driver Side	1
8	A-00220	Battery Box Weldment – Passenger Side	1
9	A-00278	Hinge Pin	2
10	0096-0050	Washer, Flat, M16	4
11	0090-0147	Cotter Pin, 1/8 x 1 1/4	4
12	A-00209	Rubber Bumper	4
13	0090-0236	Screw, Round Head Machine - 10-24 x 3/4	4
14	0090-0182	Hex Nut with Nylon Insert, #10-24	4
15	A-00219	Battery Box Latch	2
16	A-00229	Battery Latch Plate	2
17	A-00234	Spacer	4
18	A-00244	Tension Spring	2
19	0096-0008	Screw, Hex Head Cap - M6 x 30	6
20	0096-0039	Hex Nut with Nylon Insert, M6	6
21	A-00222	Battery Tray Spacer	2
22	A-00271	Battery Hold Down Plate	2
23	0096-0010	Screw, Hex Head Cap - M8 x 20	2
24	0096-0040	Hex Nut with Nylon Insert, M8	2
25	A-00242	Battery, 6 Volt	4
26	B01-09-0134	Terminal Boot – Red	4
27	B01-09-0133	Terminal Boot – Black	4
28	A-00037	Ramp – Short	4
29	0096-0003	Screw, Flat Head Cap - M6 x 20	4
30	0096-0039	Hex Nut with Nylon Insert, M6	4
31	A-00225	Nose Weldment	1
32	A-00256	Motor Cover	1
33	0096-0014	Screw, Hex Head Cap - M10 x 20	2
34	0096-0041	Hex Nut with Nylon Insert, M10	2
35	0096-0014	Screw, Hex Head Cap - M10 x 20	4
36	0096-0041	Hex Nut with Nylon Insert, M10	4

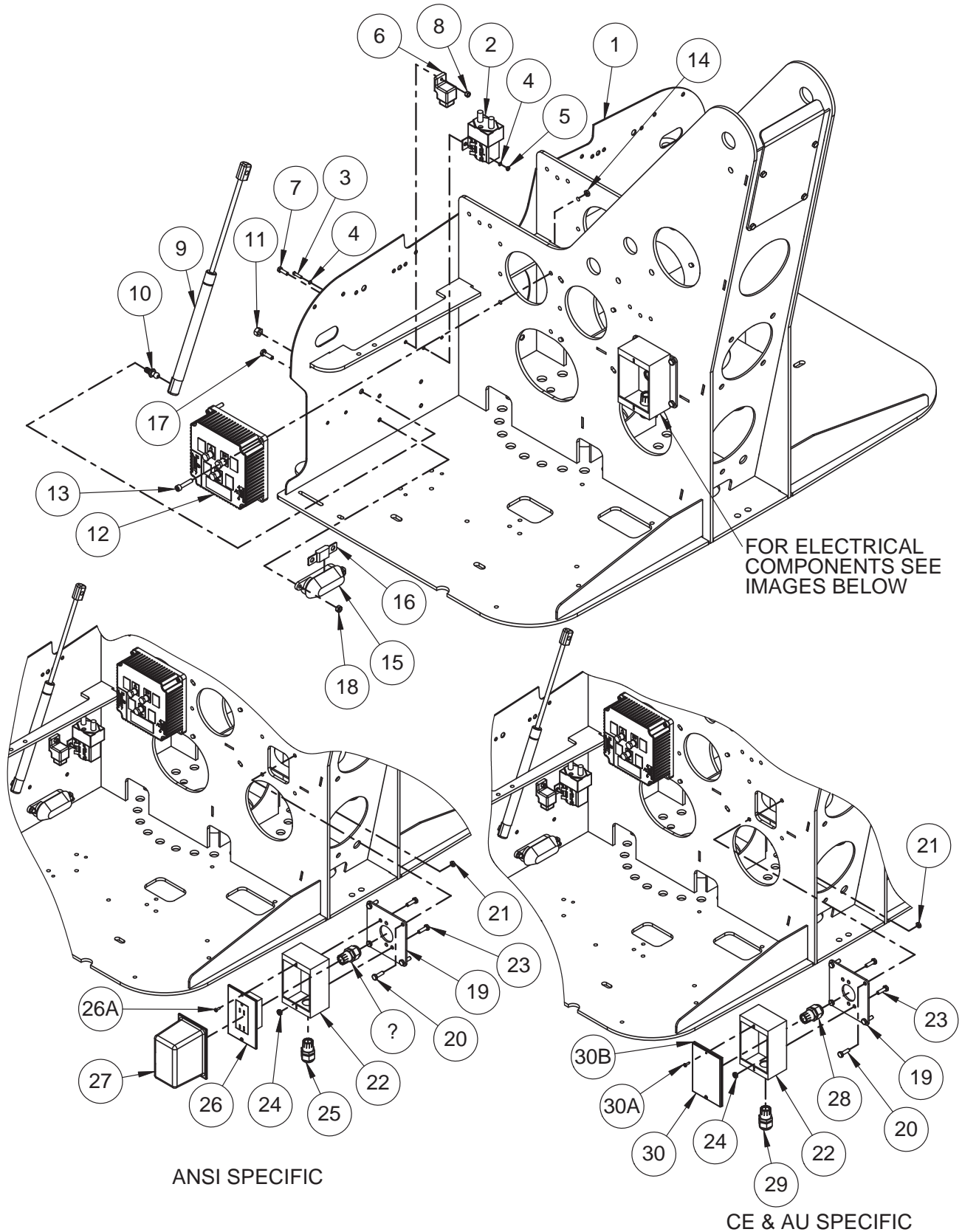
CONTROL COMPARTMENT ASSEMBLY - ANSI, CE & AU



CONTROL COMPARTMENT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	B01-05-0056	Battery Charger 24V / 40A Linear - ANSI	1
2A	B01-05-0027	Battery Charger 24V / 40A Linear - CE & AU	1
3	0096-0002	Screw, Hex Head Cap - M6 x 20	4
4	0096-0039	Hex Nut with Nylon Insert, M6	4
5	A-00712	Lower Control Box	1
5A	A-00082	Loop Back Plug - Not Shown	1
5B	B38-00-0001	Replacement Key - Not Shown	2
5 - 1	A-00682	Lower Control Box - Jib Rotate Option	1
6	0096-0002	Screw, Hex Head Cap - M6 x 20	4
7	A-00233	Lower Control Mount	1
8	0096-0016	Screw, Hex Head Cap - M10 x 25	2
9	0096-0041	Hex Nut with Nylon Insert, M10	2
10	B01-06-0053	Relay, 24 Volts DC 20 Amp with Mounting Bracket	1
11	0096-0125	Screw, Hex Head Cap - M5 x 16	1
12	0096-0126	Hex Nut with Nylon Insert, M5	1
13	A-00290	Cover Stop Bracket Replaces A-00250, A-00276, A-00277 L&R Effective February 2007	1
14	0096-0002	Screw, Hex Head Cap - M6 x 20	2
15	0096-0039	Hex Nut with Nylon Insert, M6	2
16	A-00268	Tire Iron / Jack Handle	1
17	B04-07-0033	Cable Clamp - #9	2
18	0096-0002	Screw, Hex Head Cap - M6 x 20	2
19	0096-0039	Hex Nut with Nylon Insert, M6	2
20	A-01210	Turntable Rear Guard	1
21	0096-0001	Screw, Hex Head Cap - M6 x 16	4
22	0096-0039	Hex Nut with Nylon Insert, M6	4
ANSI & AU SPECIFIC			
23	A-00294	Level Sensor - ANSI & AU ONLY Replaces A-00259 Effective April 2007	1
24	0096-0113	Screw, Hex Head Cap - M4 x 16 - ANSI & AU ONLY	2
25	0096-0073	Hex Nut with Nylon Insert, M4 - ANSI & AU ONLY	2
26	B00-00-0001	Bubble Level, Bulls-eye - ANSI & AU ONLY	1
CE SPECIFIC			
27	A-00259	Level Sensor - CE ONLY	1
28	0096-0002	Screw, Hex Head Cap - M6 x 20 - CE ONLY	2
29	0096-0039	Hex Nut with Nylon Insert, M6 - CE ONLY	2

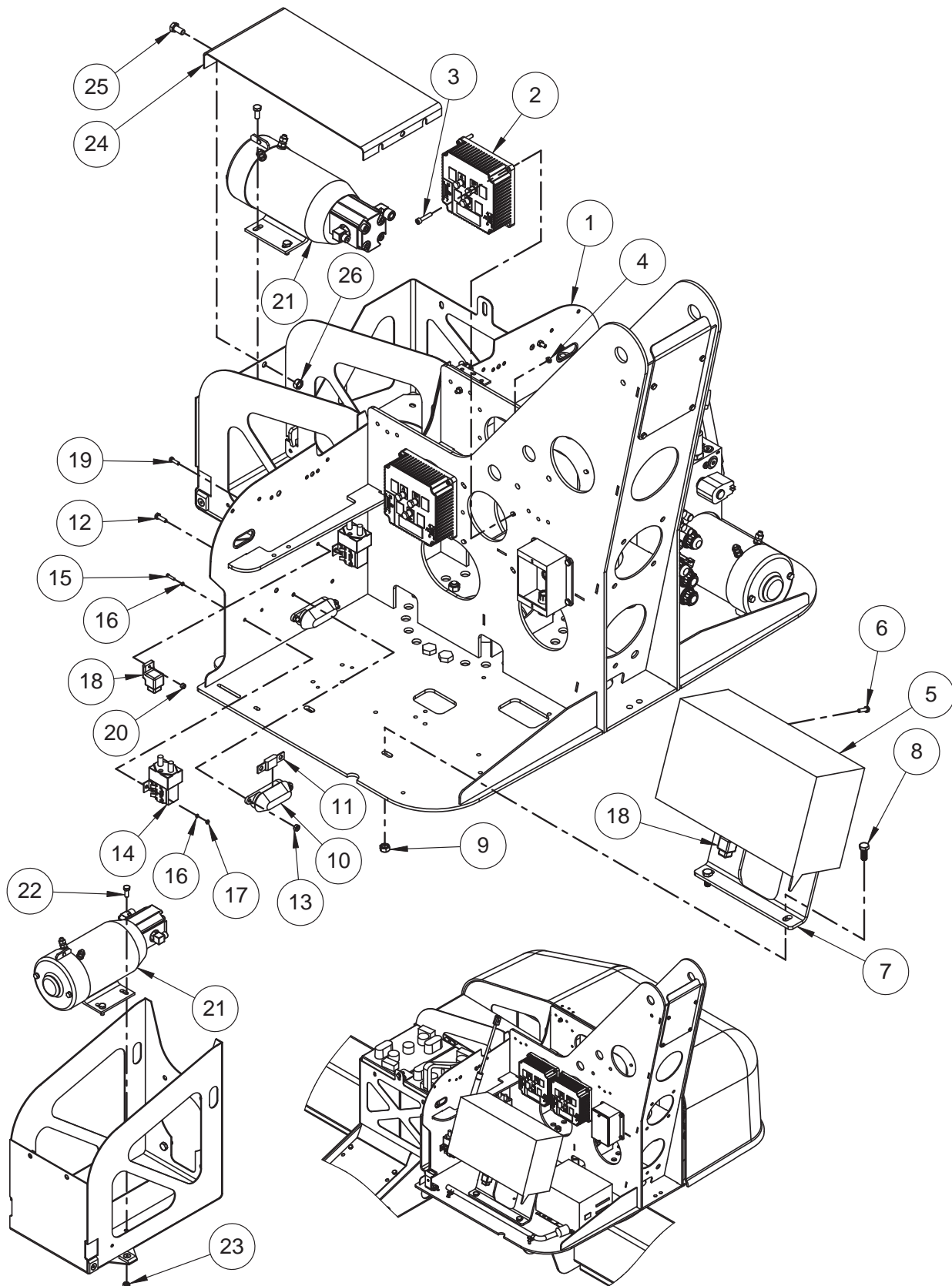
CONTROL COMPARTMENT ASSEMBLY (CONTINUED) - ANSI, CE & AU



CONTROL COMPARTMENT ASSEMBLY (CONTINUED) - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	B01-06-0058	Contactor, 24 Volts DC	1
3	0096-0113	Screw, Hex Head Cap - M4 x 16	2
4	0096-0061	Washer, Flat - M4	4
5	0096-0073	Hex Nut with Nylon Insert, M4	2
6	B01-06-0053	Relay, 24Volts DC 20 Amp with Mounting Bracket	1
7	0096-0125	Screw, Hex Head Cap - M5 x 16	1
8	0096-0126	Hex Nut with Nylon Insert, M5	1
9	A-00274	Gas Spring	1
10	0090-0920	Ball Stud, 10MM	1
11	0090-0185	Hex Nut, Self-Locking, #5/16-18	1
12	A-00297	Motor Controller Replaces A-00255 Effective June 2008	1
13	0096-0131	Screw, Socket Head Cap - M6 x 30	4
14	0096-0039	Hex Nut with Nylon Insert, M6	4
15	B01-10-0331	Fuse Holder	1
16	B01-10-0330	Fuse, 200 Amp	1
17	0096-0001	Screw, Hex Head Cap - M6 x 16	2
18	0096-0039	Hex Nut with Nylon Insert, M6	2
19	A-00287	Mount Plate	1
20	0096-0002	Screw, Hex Head Cap - M6 x 20	4
21	0096-0039	Hex Nut with Nylon Insert, M6	4
22	B01-10-0046	Outlet Box - Weather Tite	1
23	0096-0002	Screw, Hex Head Cap - M6 x 20	4
24	0096-0039	Hex Nut with Nylon Insert, M6	4
ANSI SPECIFIC			
25	B01-09-0029	Cord Grip, Plastic 1/2in - ANSI ONLY	2
26	B01-10-0034	Receptacle - ANSI ONLY	1
26A	-	Screw, Comes with Receptacle - ANSI ONLY	2
27	A-00288	Cover, Clear Plastic - ANSI ONLY	1
CE & AU SPECIFIC			
28	B01-09-0029	Cord Grip, Plastic 1/2in - CE & AU ONLY	1
29	B01-09-0009	Cord Grip, Aluminum - CE & AU ONLY	1
30	B01-10-0332	Cover - CE & AU ONLY	1
30A	-	Screw - Comes with Cover - CE & AU ONLY	2
30B	-	Gasket - Comes with Cover - CE & AU ONLY	1

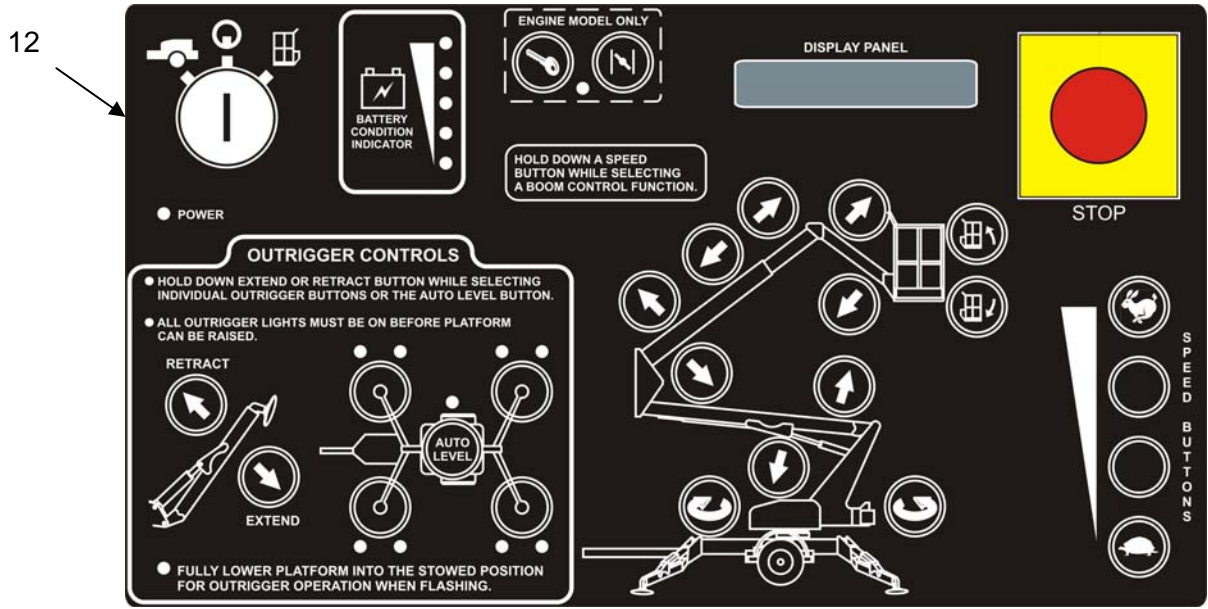
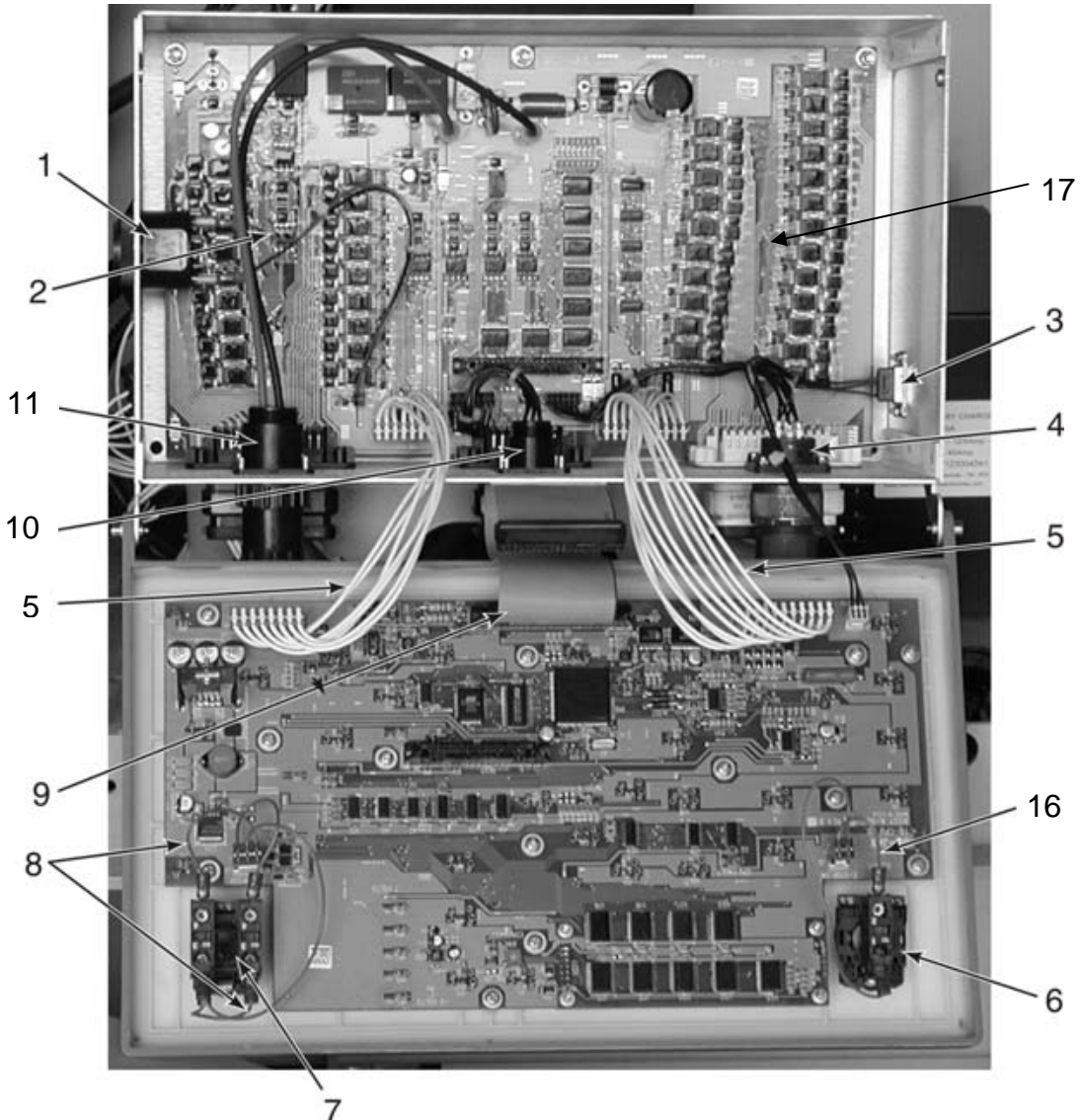
CONTROL COMPARTMENT ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU



CONTROL COMPARTMENT ASSEMBLY - DRIVE & SET OPTION - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	A-00297	Motor Controller Replaces A-00255 Effective June 2008	2
3	0096-0131	Screw, Socket Head Cap - M6 x 30	8
4	0096-0039	Hex Nut with Nylon Insert, M6	8
5	A-00712	Lower Control Box	1
5A	A-00082	Loop Back Plug	1
5B	B38-00-0001	Replacement Key - Not Shown	2
5 - 1	A-00682	Lower Control Box - Jib Rotate Option	1
6	0096-0002	Screw, Hex Head Cap - M6 x 20	4
7	A-00233	Lower Control Mount	1
8	0096-0016	Screw, Hex Head Cap - M10 x 25	2
9	0096-0041	Hex Nut with Nylon Insert, M10	2
10	B01-10-0331	Fuse Holder	2
11	B01-10-0330	Fuse, 200 Amp	2
12	0096-0001	Screw, Hex Head Cap - M6 x 16	4
13	0096-0039	Hex Nut with Nylon Insert, M6	4
14	B01-06-0058	Contact, 24 Volts DC	2
15	0096-0113	Screw, Hex Head Cap - M4 x 16	4
16	0096-0061	Washer, Flat - M4	8
17	0096-0073	Hex Nut with Nylon Insert, M4	4
18	B01-06-0053	Relay, 24 Volts DC 20 Amp with Mounting Bracket	2
19	0096-0125	Screw, Hex Head Cap - M5 x 16	2
20	0096-0126	Hex Nut with Nylon Insert, M5	2
21	A-00235	Power Unit	1
22	0096-0011	Screw, Hex Head Cap - M8 x 25	4
23	0096-0040	Hex Nut with Nylon Insert - M8	4
24	A-00256	Motor Cover	1
25	0096-0016	Screw, Hex Head Cap - M10 x 25	2
26	0096-0041	Hex Nut with Nylon Insert, M10	2

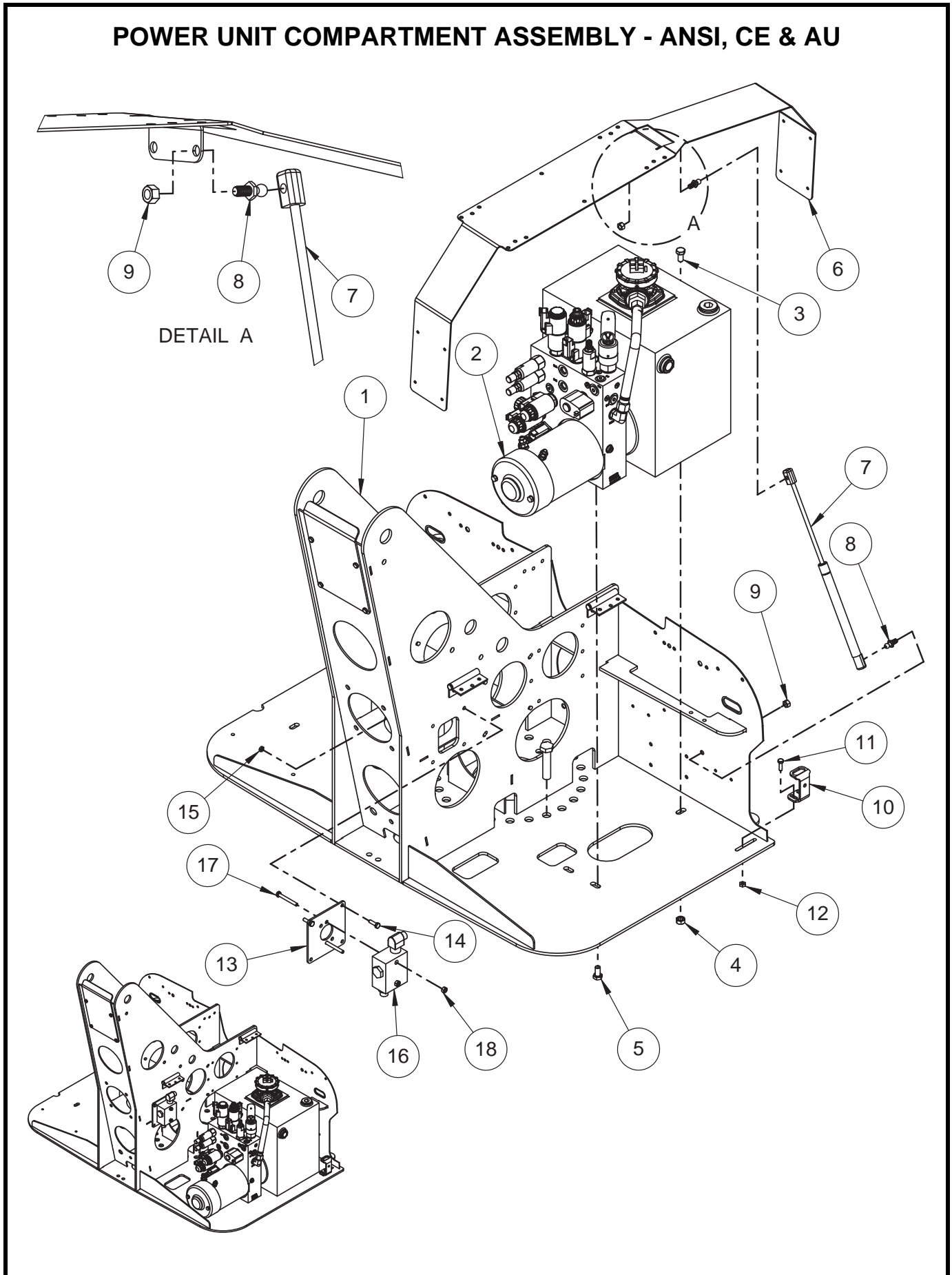
GROUND (LOWER) CONTROL BOX - ANSI, CE & AU



GROUND (LOWER) CONTROL BOX - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	A-00712	Ground (Lower) Control Box Complete	1
	A-00238-B	Ground (Lower) Control Box Only	1
1	B01-10-0194	Alarm	1
2	B01-01-0147	Wiring Harness, Alarm	1
3	B01-01-0152	Wiring Harness, DB9	1
4	B01-01-0145	Wiring Harness, Communication	1
5	B01-01-0149	Wiring Harness, MTA	2
6	B01-02-0119	Emergency Stop Button with Contact and Mount	1
7	B01-02-0118	Key Switch, 3 Position	1
8	B01-01-0150	Wiring Harness, Key Switch and Emergency Stop	1
9	B01-01-0151	Ribbon Cable	1
10	B01-01-0146	Wiring Harness, Communication	1
11	B01-01-0148	Wiring Harness, Power	1
12	A-00712-D	Decal, Ground (Lower) Control Box Overlay	1
12A	A-00712-L	Lid with Decal Only – Not Shown	1
12B	A-00682-D	Control Box Decal Overlay	1
13	B01-10-0342	Switch Activating Disk - Not Shown	25
14	B01-10-0400	Standoff, Circuit Board - Not Shown	17
15	B38-00-0001	Key, Replacement - Not Shown	1
16	B01-10-0338	CPU Board - Attached to Lid	1
17	B01-10-0339	Driver Board – Attached to Box	1

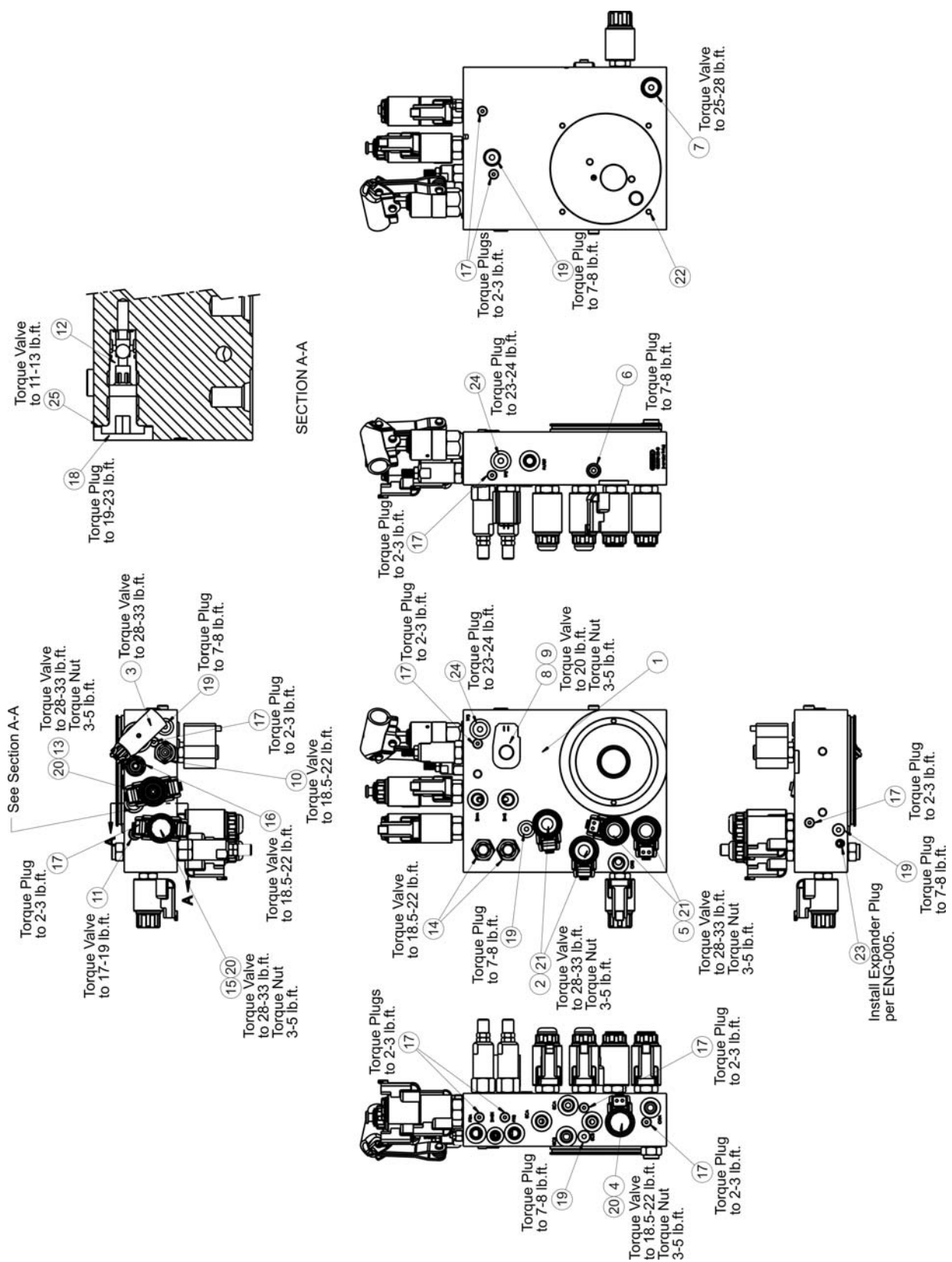
POWER UNIT COMPARTMENT ASSEMBLY - ANSI, CE & AU



POWER UNIT COMPARTMENT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	A-00254HS	Hydraulic Power Unit	1
3	0096-0016	Screw, Hex Head Cap - M10 x 25	1
4	0096-0041	Hex Nut with Nylon Insert - M10	1
5	0096-0014	Screw, Hex Head Cap - M10 x 20	2
6	A-00228	Cover Brace	1
7	A-00274	Gas Spring	1
8	0090-0920	Ball Stud, 10MM	2
9	0090-0185	Hex Nut with Nylon Insert, 5/16-18	2
10	A-00290	Cover Stop Bracket	1
11	0096-0002	Screw, Hex Head Cap - M6 x 20	2
12	0096-0039	Hex Nut with Nylon Insert, M6	2
13	A-00287	Mount Plate	1
14	0096-0002	Screw, Hex Head Cap - M6 x 20	4
15	0096-0039	Hex Nut with Nylon Insert, M6	4
16	B02-00-0066	Manifold, Dual	1
17	0096-0097	Screw, Hex Head Cap - M6 x 50	2
18	0096-0039	Hex Nut with Nylon Insert, M6	2

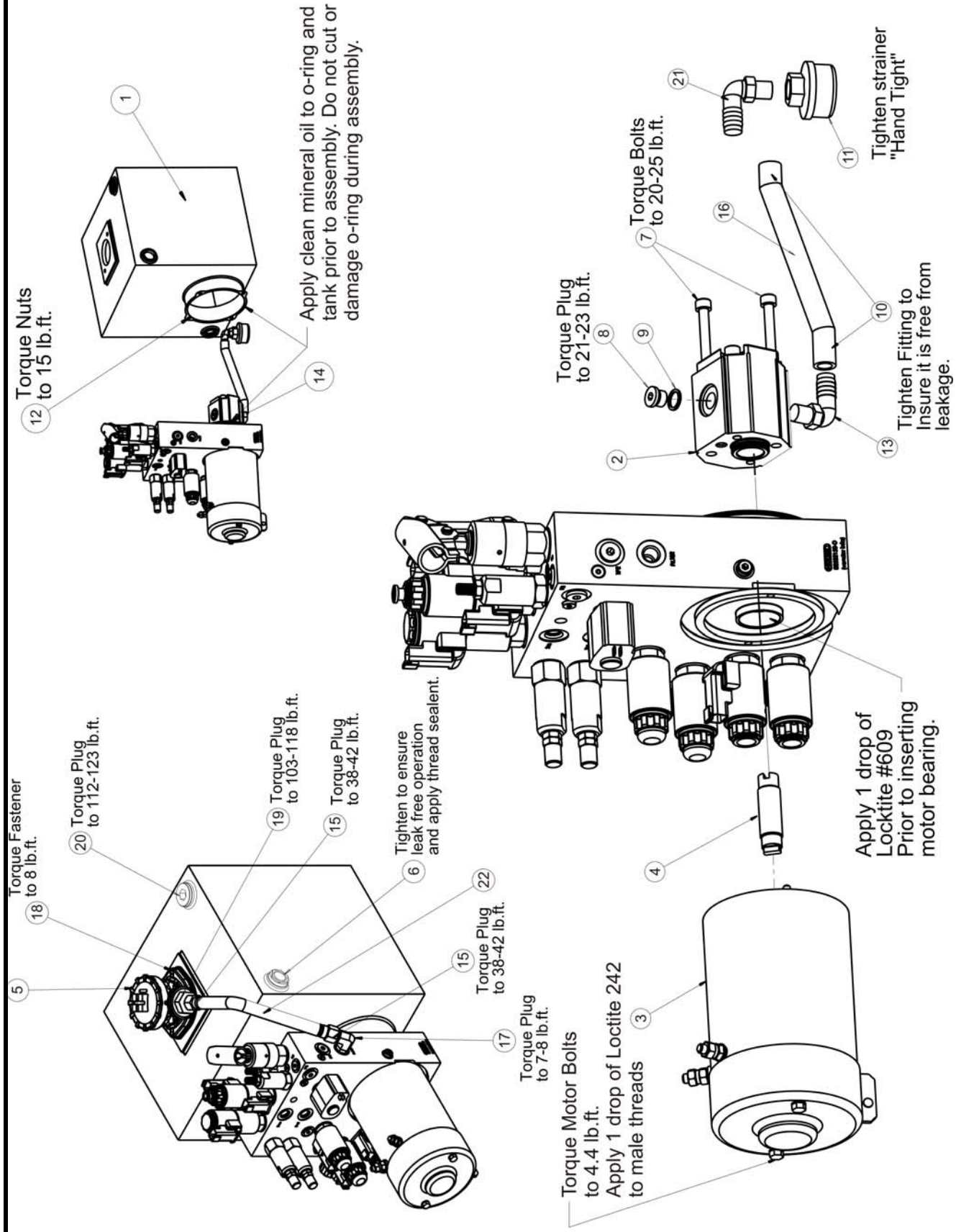
POWER UNIT COMPONENTS - ANSI, CE & AU



POWER UNIT COMPONENTS - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B02-15-0496	Manifold, Valve Housing	1
2	B02-14-0108	Valve, Counterbalance	2
3	B02-15-0472	Manual Pump, Extend / Retract / Rotate	1
4	B02-14-0089	Valve, Cartridge - Outrigger Check	1
5	B02-14-0109	Valve, Cartridge - Outrigger	2
6	B02-14-0091	Valve, Check	1
7	B02-14-0110	Valve, Check	1
8	B02-14-0094L	Valve, Proportional	1
9	B02-14-0095	Coil Sterling, Proportional Valve	1
10	B02-14-0111	Valve, Relief	1
11	B02-14-0097	Valve, Relief	1
12	B02-14-0098	Valve, Shuttle	1
13	B02-14-0099	Valve, Cartridge - Rotator	1
14	B02-14-0100	Valve, Counterbalance	1
15	B02-14-0101	Valve, Cartridge - Basket Compensate	2
16	B02-14-0114	Valve, Flow Control - Rotator	1
17	B02-02-0245	Fitting, Plug - #2 ORB	11
18	B02-02-0246	Fitting, Hex Plug	1
19	B02-02-0248	Fitting, Plug - #4 ORB	5
20	B02-14-0112	Coil, 20 VDC - #8	5
21	B02-14-0113	Coil, 20 VDC - #10	5
22	B02-15-0497	Stud, #1/4-20 x 5/8	4
23	B02-15-0498	Expansion Plug	1
24	B02-02-0235	Fitting, Plug - #6 ORB	2
25	B02-15-0478	Seal Ring	1

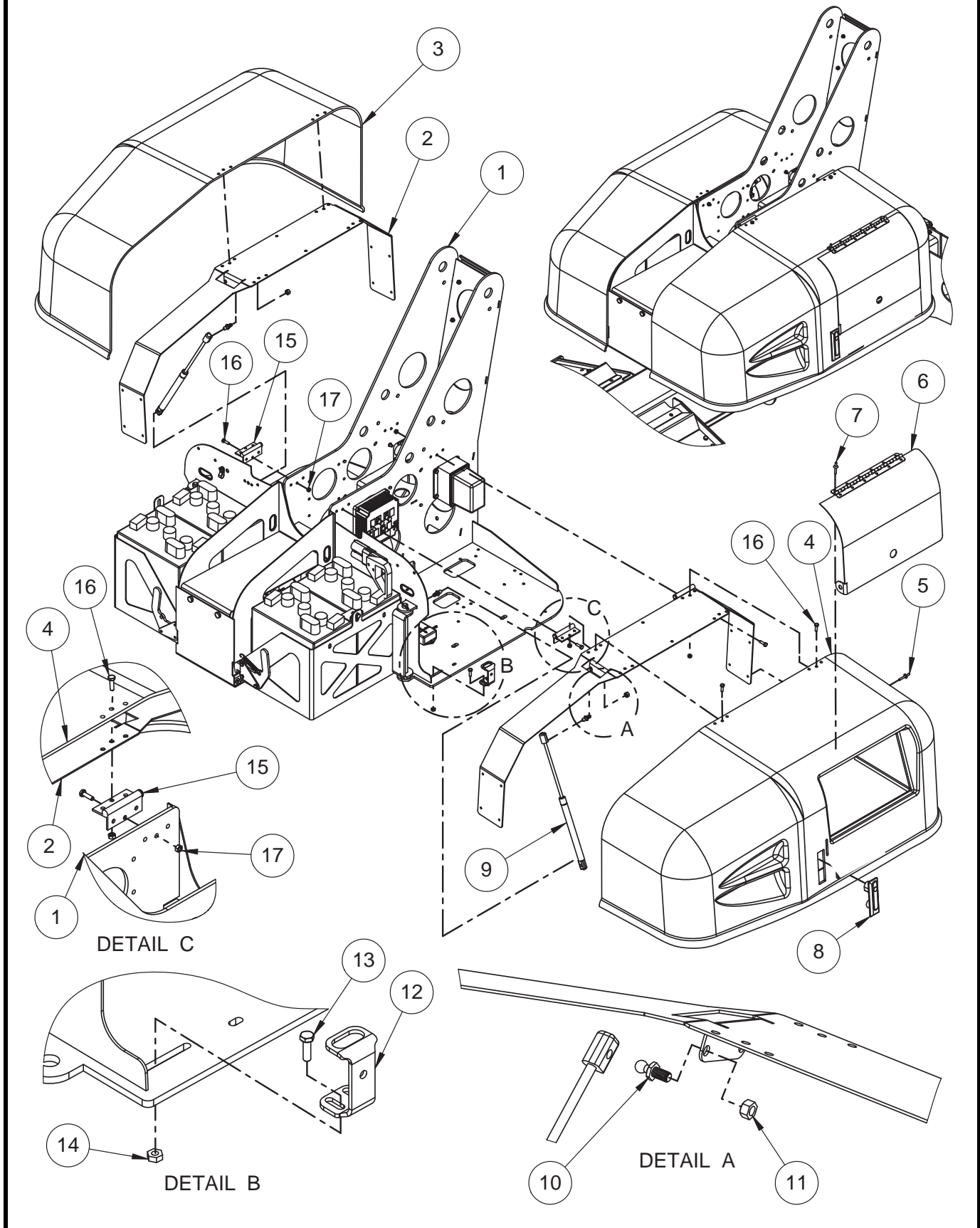
POWER UNIT COMPONENTS (CONTINUED) - ANSI, CE & AU



POWER UNIT COMPONENTS (CONTINUED) - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B02-15-0513	Reservoir	1
2	B02-15-0470	Pump Assembly, 2.09 CCM	1
3	B02-15-0471	Motor, Pump - 24 V DC	1
4	B02-15-0500	Coupling, .875 x 2.795	1
5	B02-15-0501	Filter, Hydraulic	1
5A	B02-00-0070	Filter Only - Replacement	1
5B	B02-15-0532	Cap & "O" Ring	1
5C	B02-15-0533	"O" Ring only	1
6	B02-15-0476	Sight Glass	1
7	B02-15-0477	Screw, Socket Head Cap - M8 x 85	2
8	B02-02-0247	Fitting, Plug - M14 x 1.5 x 5.8	1
9	B02-15-0478	Seal Ring	1
10	B02-15-0485	Clamp, Band - #10-16	2
11	B02-15-0480	Filter, Suction	1
12	B02-15-0504	Allen Nut, 1/4-20	4
13	B02-02-0255	Fitting, M18 x HB-90M x HB-90	1
14	B02-15-0503	O-Ring, 110.72 x 3.53 NBR 70 D	1
15	B02-02-0279	Fitting, JIC-8 x Push On FS x PO	2
16	B02-15-0505	Hose, Black - 1/2 x 6"	1
17	B02-02-0280	Fitting, JIC-8 x #6 M x M	1
18	B02-15-0506	Screw, Hex Head Cap - #5/16-18 x 1 1/4	2
19	B02-02-0283	Fitting, JIC-8 x G 3/4 M x M	1
20	B02-02-0281	Fitting, Plug - #12 ORB	2
21	B02-02-0282	Fitting, 3/8 NPT x 1/2 M x HB	1
22	B02-15-0507	Hose, Black - 1/2 x 15"	1
23	B02-02-0276	Fitting, Plug - #8 ORB - Under Reservoir	1

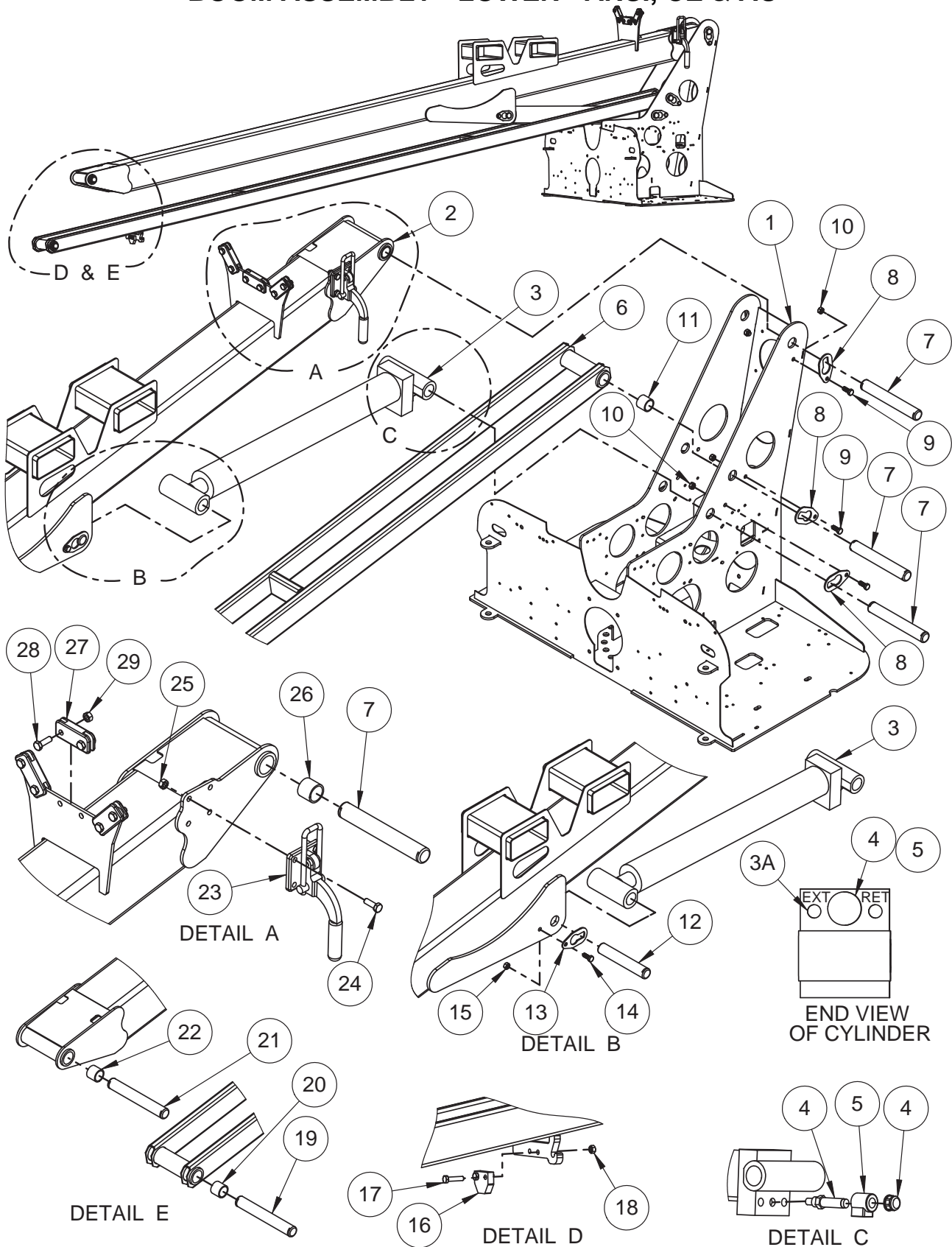
COVER ASSEMBLY - ANSI, CE & AU



COVER ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	A-00228	Cover Brace	2
3	A-00239	Cover, Right - Power Unit Replaces A03239 Effective February 2007	1
4	A-00240	Cover, Left - Control Replaces A-03240 Effective February 2007	1
5	0090-1080	Pop Rivet, 3/16 x 1/2	16
6	A-00284	Controls Cover Weldment Replaces A-00258 Effective February 2007	1
7	0090-0684	Pop Rivet, 3/16 x .575 - Small Head	6
8	A-00292	Cover Latch Assembly Replaces A-00250 Effective February 2007	2
8A	A-00293	Key - Not Shown	2
9	A-00274	Gas Spring	2
10	0090-0920	Ball Stud, 10MM	4
11	0090-0185	Hex Nut with Nylon Insert, 5/16-18	4
12	A-00290	Cover Stop Bracket	2
13	0096-0002	Screw, Hex Head Cap - M6 x 20	4
14	0096-0039	Hex Nut with Nylon Insert, M6	4
15	A-00252	Hinge	4
16	0096-0002	Screw, Hex Head Cap - M6 x 20	24
17	0096-0039	Hex Nut with Nylon Insert, M6	24

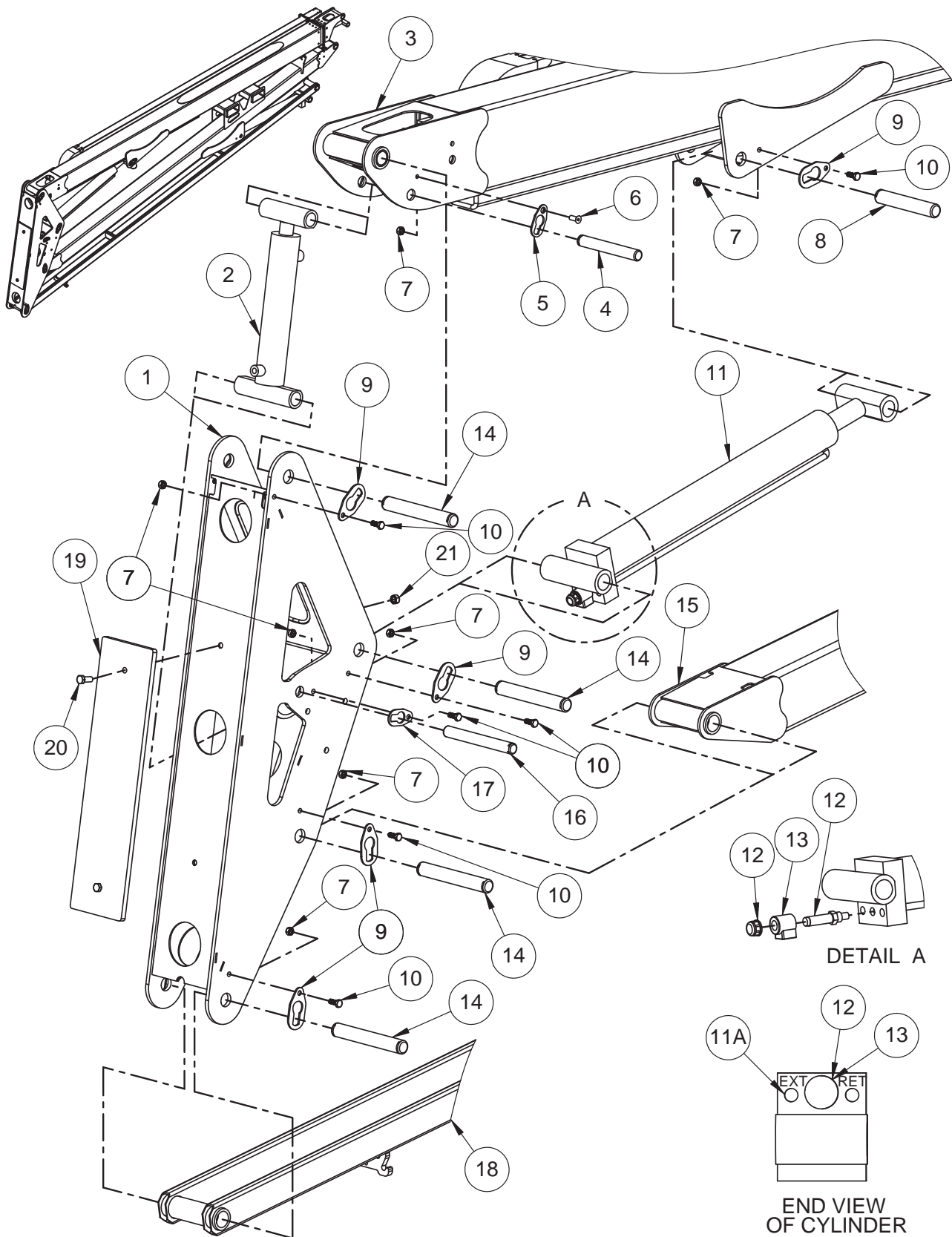
2.4 BOOM AND PLATFORM COMPONENTS BOOM ASSEMBLY - LOWER - ANSI, CE & AU



BOOM ASSEMBLY - LOWER - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03200	Turntable Weldment	Ref.
2	A-03300	Lower Boom	1
3	A-02551	Cylinder, Lift	1
3A	B02-13-0148	Orifice - .056	1
3B	B02-13-0162	Seal Kit	1
4	B02-04-0119	Valve	1
5	B01-08-0022	Coil - 24VDC	1
6	A-03314	Lower Link	1
7	A-00021	Pin, 1.25 x 8.5	3
8	A-00019	Pin Retainer, 1.25	6
9	0096-0016	Screw, Hex Head Cap - M10 x 25	6
10	0096-0041	Hex Nut with Nylon Insert, M10	6
11	A-00032	Composite Bearing, 1.25 x 1.50 x 1.25	2
12	A-00023	Pin, 1.25 x 7.25	1
13	A-00019	Pin Retainer, 1.25	1
14	0096-0016	Screw, Hex Head Cap - M10 x 25	1
15	0096-0041	Hex Nut with Nylon Insert, M10	1
16	A-00537	Boom Switch Block	1
17	0096-0098	Screw, Hex Head Cap - M8 x 35	2
18	0096-0040	Hex Nut with Nylon Insert, M8	2
19	A-00021	Pin, 1.25 x 8.5	1
20	A-00032	Composite Bearing, 1.25 x 1.50 x 1.25	2
21	A-00021	Pin, 1.25 x 8.5	1
22	A-00032	Composite Bearing, 1.25 x 1.50 x 1.25	2
23	A-00159	Boom Latch	1
24	0096-0016	Screw, Hex Head Cap - M10 x 25	3
25	0096-0041	Hex Nut with Nylon Insert - M10	3
26	A-00032	Composite Bearing, 1.25 x 1.50 x 1.25	2
27	A-00157	Front Rest Pad	3
28	0096-0017	Screw, Hex Head Cap - M10 x 30	6
29	0096-0041	Hex Nut with Nylon Insert - M10	6

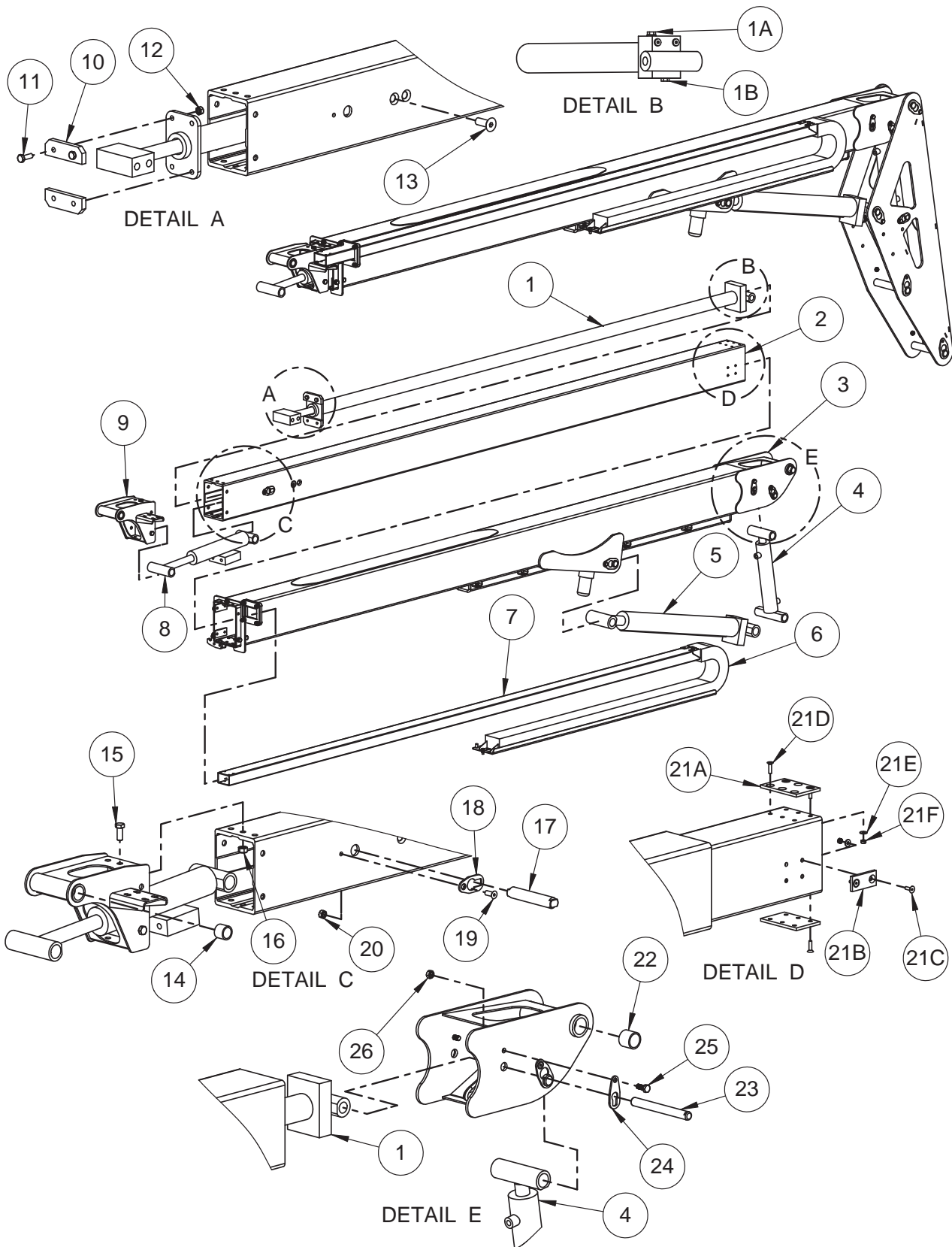
BOOM ASSEMBLY - KNUCKLE - ANSI, CE & AU



BOOM ASSEMBLY - KNUCKLE - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-02320	Triangle Weldment	1
2	A-01552	Cylinder, Master	1
2A	B02-13-0150	Seal Kit	1
3	A-03502	Telescopic Boom	Ref.
4	A-00059	Pin 1.0 X 7.0	1
5	A-00054	Pin Retainer 1.0	1
6	0096-0091	Screw, Flat Head Socket Cap - M10 x 25	1
7	0096-0041	Hex Nut with Nylon Insert, M10	11
8	A-00023	Pin 1.25 X 7.25	1
9	A-00019	Pin Retainer, 1.25	9
10	0096-0016	Screw, Hex Head Cap - M10 x 25	10
11	A-02551	Cylinder, Lift	1
11A	B02-13-0148	Orifice - .056	1
11B	B02-13-0162	Seal Kit	1
12	B02-04-0119	Valve	1
13	B01-08-0022	Coil - 24VDC	1
14	A-00021	Pin, 1.25 x 8.5	4
15	A-03300	Lower Boom	Ref.
16	A-00049	Pin 1.0 X 8.5	1
17	A-00018	Pin-retainer 1.0 In	1
18	A-03314	Lower Link	Ref.
19	A-01325	Counterweight (Drive & Set, and Platform Rotate Models)	1
20	0096-0020	Screw, Hex Head Cap - M12 x 30	2
21	0096-0042	Hex Nut with Nylon Insert, M12	2

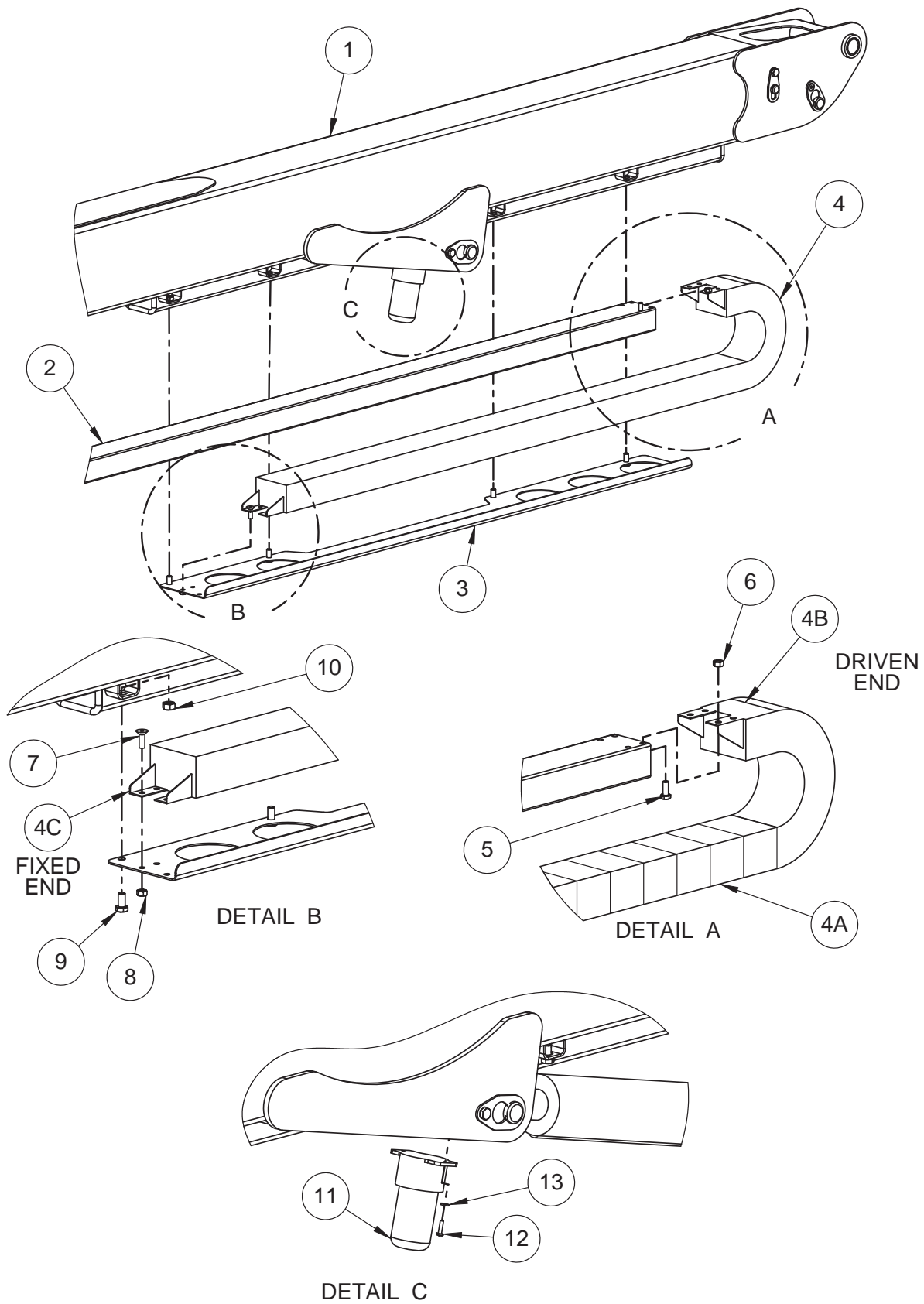
BOOM ASSEMBLY - UPPER - ANSI, CE & AU



BOOM ASSEMBLY - UPPER - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03550	Cylinder, Extension	1
1A	B02-04-0105	Valve, Counter Balance - CABG-LHN	1
1B	B02-04-0106	Valve, Counter Balance - CBCA-LGN	1
1C	B02-13-0164	Seal Kit	1
2	A-03510	Telescopic Boom Tube (Aluminum)	1
3	A-03502	Telescopic Boom Weldment	1
4	A-01552	Cylinder, Master	Ref.
5	A-02551	Cylinder, Lift	Ref.
6	A-03520	Cable Track, Single Piece Mounting, Replaces A-03530 Effective June 2010	Ref.
7	A-03531	Slide Tube Replaces A-01531 Effective June 2010	1
8	A-01553	Cylinder, Slave	1
8A	B02-13-0150	Seal Kit	1
9	A-00522	Boom End Weldment	1
10	A-00535	Slider, Extension Cylinder	2
11	0096-0017	Screw, Hex Head Cap - M10 x 30	4
12	0096-0041	Hex Nut with Nylon Insert, M10	4
13	0096-0033	Screw, Flat Head Cap - M16 x 35	4
14	A-00031	Bearing, Composite - 1.00 x 1.25 x 1.00	2
15	0096-0020	Screw, Hex Head Cap - M12 x 30	9
16	0096-0042	Hex Nut with Nylon Insert, M12	9
17	A-00052	Pin, 1.0 x 5.25	1
18	A-00054	Pin Retainer 1.0	2
19	0096-0091	Screw, Flat Head Socket Cap - M10 x 25	2
20	0096-0041	Hex Nut with Nylon Insert, M10	2
21	B22-00-0070	Kit - Wear Pads - Inner	1
21A	A-00540	Wear Pad, Top Rear	2
21B	A-00541	Wear Pad, Side	2
21C	0096-0003	Screw, Flat Head Socket Cap - M6 x 20	4
21D	0096-0006	Screw, Flat Head Socket Cap - M6 x 25	8
21E	0096-0077	Flat Washer, M6	12
21F	0096-0039	Hex Nut with Nylon Insert, M6	12
21G	B33-04-0024	Instructions - Inner Wear Pad Installation - Not Shown	1
22	A-00032	Bearing, Composite - 1.25 x 1.50 x 1.25	2
23	A-00026	Pin, .75 x 7.0	1
24	A-00017	Pin Retainer, .75	1
25	0096-0016	Screw, Hex Head Cap - M10 x 25	1
26	0096-0041	Hex Nut with Nylon Insert, M10	1

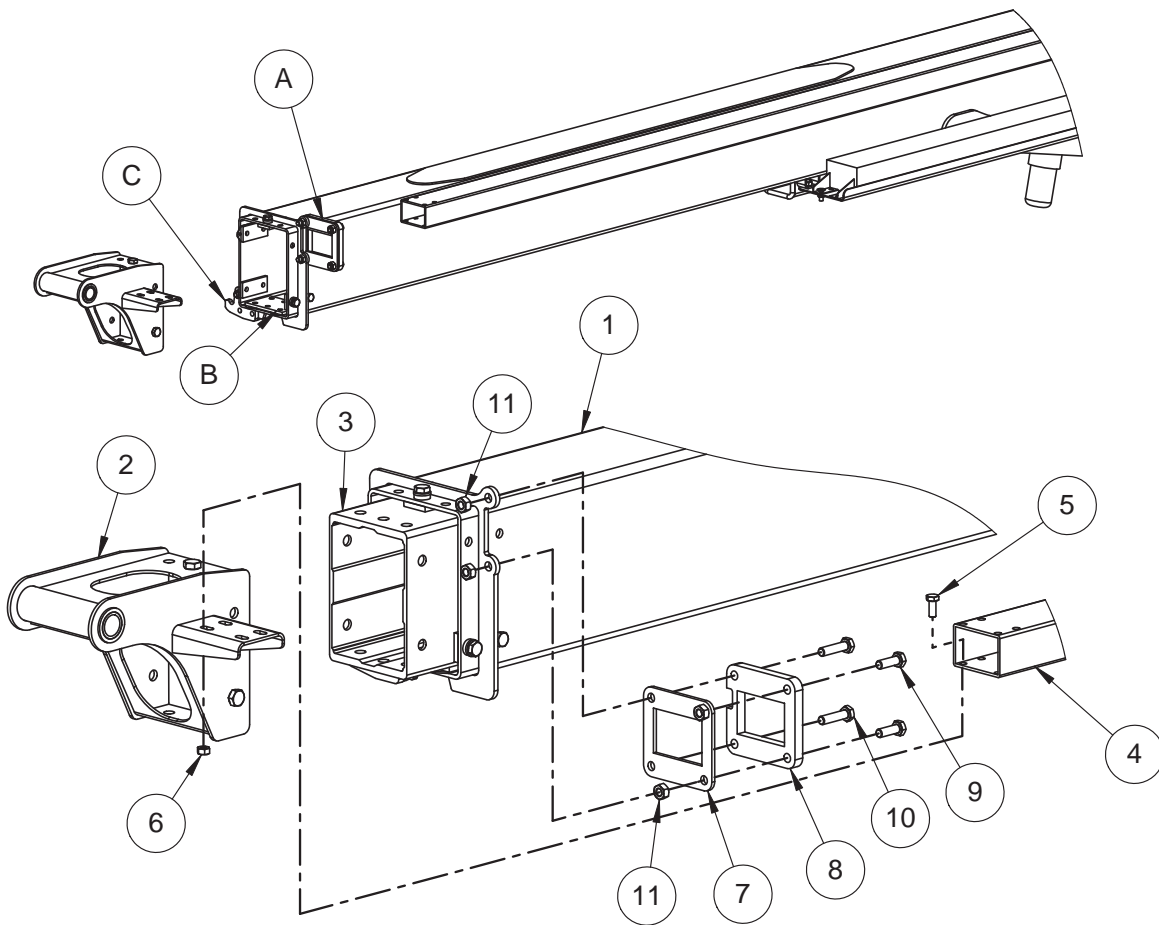
BOOM ASSEMBLY - UPPER (CONTINUED) - ANSI, CE & AU



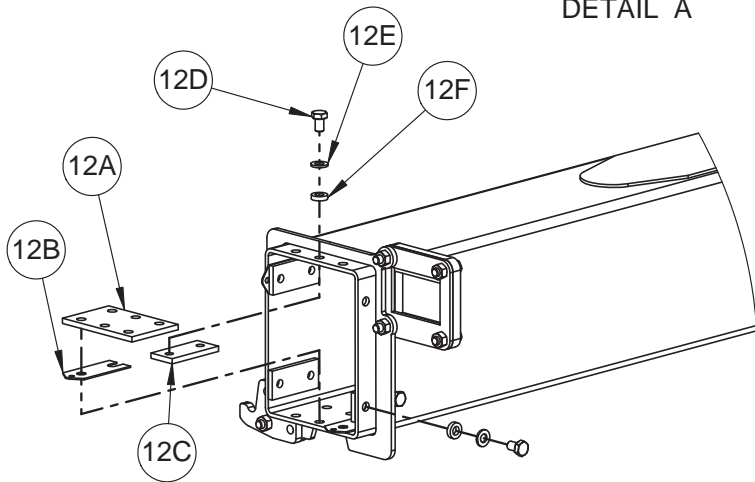
BOOM ASSEMBLY - UPPER (CONTINUED) - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03502	Telescopic Boom Weldment	Ref.
2	A-03531	Slide Tube Replaces A-01531 Effective June 2010	Ref.
3	A-03536	Cable Track Tray	1
4	A-03520	Cable Track, Single Piece Mounting, Replaces A-03530 Effective June 2010	1
4A	B00-00-0178	Individual Link For A-03520 Replaces B00-00-0074 Effective June 2010	1
4B	B00-00-0180	Bracket, Cable Trak - Driven End - Effective June 2010 Replaces B29-00-0165-1 Left Hand B29-00-0165-2 Right Hand	1
4C	B00-00-0179	Bracket, Cable Trak - Fixed End - Effective June 2010 Replaces B29-00-0166-1 Left Hand B29-00-0166-2 Right Hand	1
5	0096-0010	Screw, Hex Head Cap - M8 x 20	2
6	0096-0040	Hex Nut with Nylon Insert, M8	2
7	0096-0012	Screw, Flat Head Socket Cap - M8 x 25	2
8	0096-0040	Hex Nut with Nylon Insert, M8	2
9	0096-0014	Screw, Hex Head Cap - M10 x 20	4
10	0096-0041	Hex Nut with Nylon Insert, M10	4
11	A-00289	Strobe Light Assembly (Option)	1
11A	B01-10-0275	Strobe Light	1
11B	B01-09-0092	Connector Assembly - 2 Female - W/P - Not Shown	1
11C	B01-09-0119	Terminal - Female - W/P - 12/14 gage - Not Shown	2
11D	B01-09-0093	Seal - Wire - W/P - 16/18 gage - Green - Not Shown	2
12	0090-0813	Screw, Round Head Machine - 8-32 x 3/4	2
13	0090-0181	Hex Nut with Nylon Insert, 8-32	2

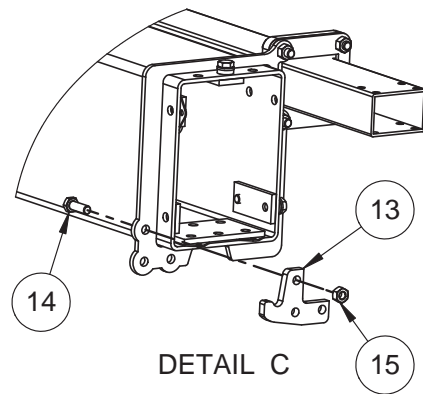
BOOM ASSEMBLY - UPPER (CONTINUED) - ANSI, CE & AU



DETAIL A



DETAIL B

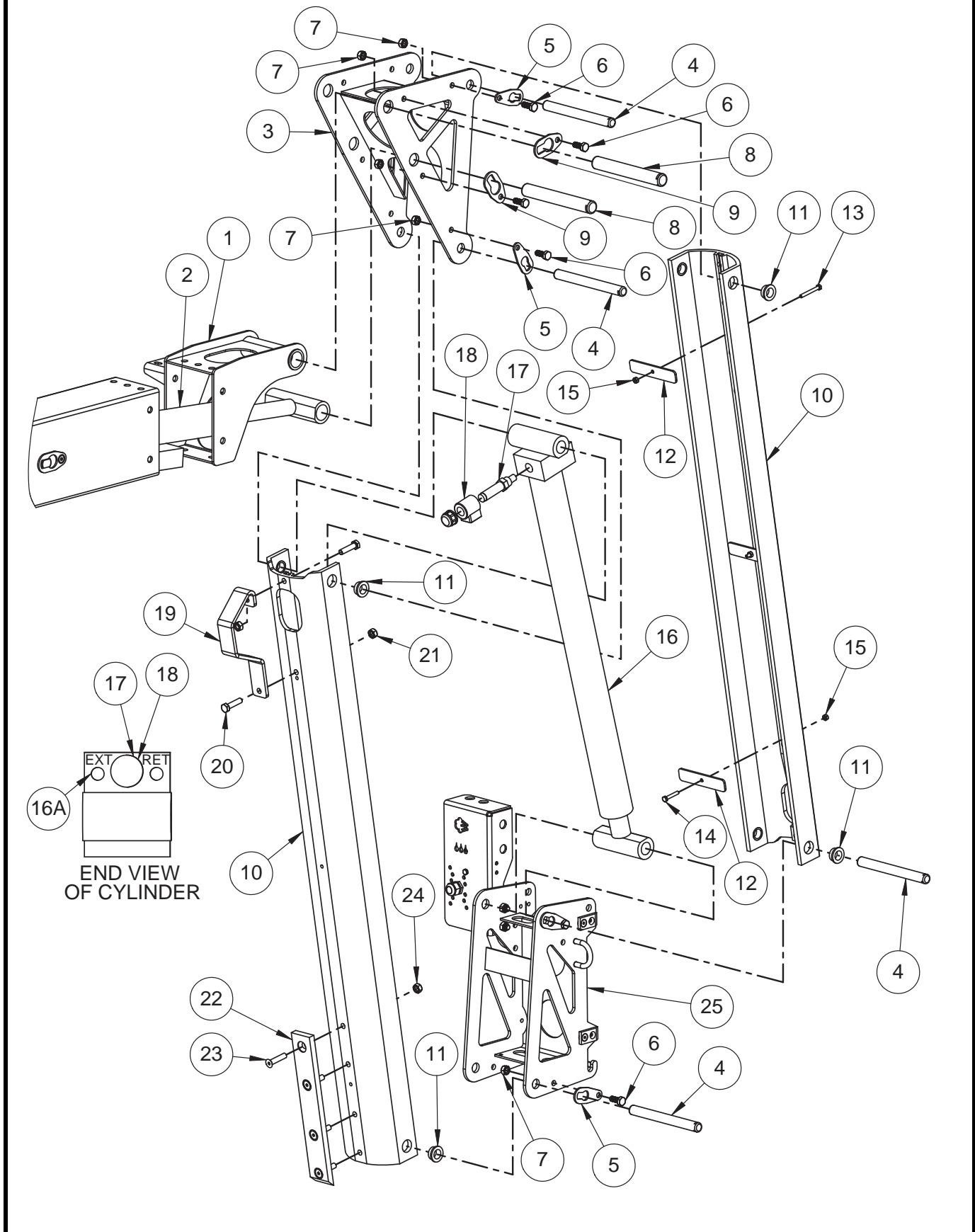


DETAIL C

BOOM ASSEMBLY - UPPER (CONTINUED) - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03502	Telescopic Boom Weldment	Ref.
2	A-00522	Boom End Weldment	Ref.
3	A-03510	Telescopic Boom Tube (Aluminum)	Ref.
4	A-03531	Slide Tube Replaces A-01531 Effective June 2010	Ref.
5	0096-0010	Screw, Hex Head Cap - M8 x 20	4
6	0096-0040	Hex Nut with Nylon Insert, M8	4
7	A-00532	Tube Slider	1
8	A-00529	Tube Slider Back	1
9	0096-0017	Screw, Hex Head Cap - M10 x 30	2
10	0096-0018	Screw, Hex Head Cap - M10 x 40	2
11	0096-0041	Hex Nut with Nylon Insert, M10	4
12	B22-00-0069	Kit - Wear Pads - Outer	1
12A	A-00542	Wear Pad Front Bottom	1
12B	A-00534	Wear Pad Shim	2-4
12C	A-00533-2	Wear Pad Boom - Gray	5
12D	0096-0132	Screw, Hex Head Cap - M10 x 16 (Aluminum) Replaces 0096-0013 Effective November 2008	14
12E	0096-0119	Flat Washer, M10	10
12F	0096-0047	Washer, Nylon - M10	14
12G	B33-04-0023	Instructions - Outer Wear Pad Installation - Not Shown	1
13	A-01554	Hook, Latch	1
14	0096-0017	Screw, Hex Head Cap - M10 x 30	3
15	0096-0041	Hex Nut with Nylon Insert, M10	3

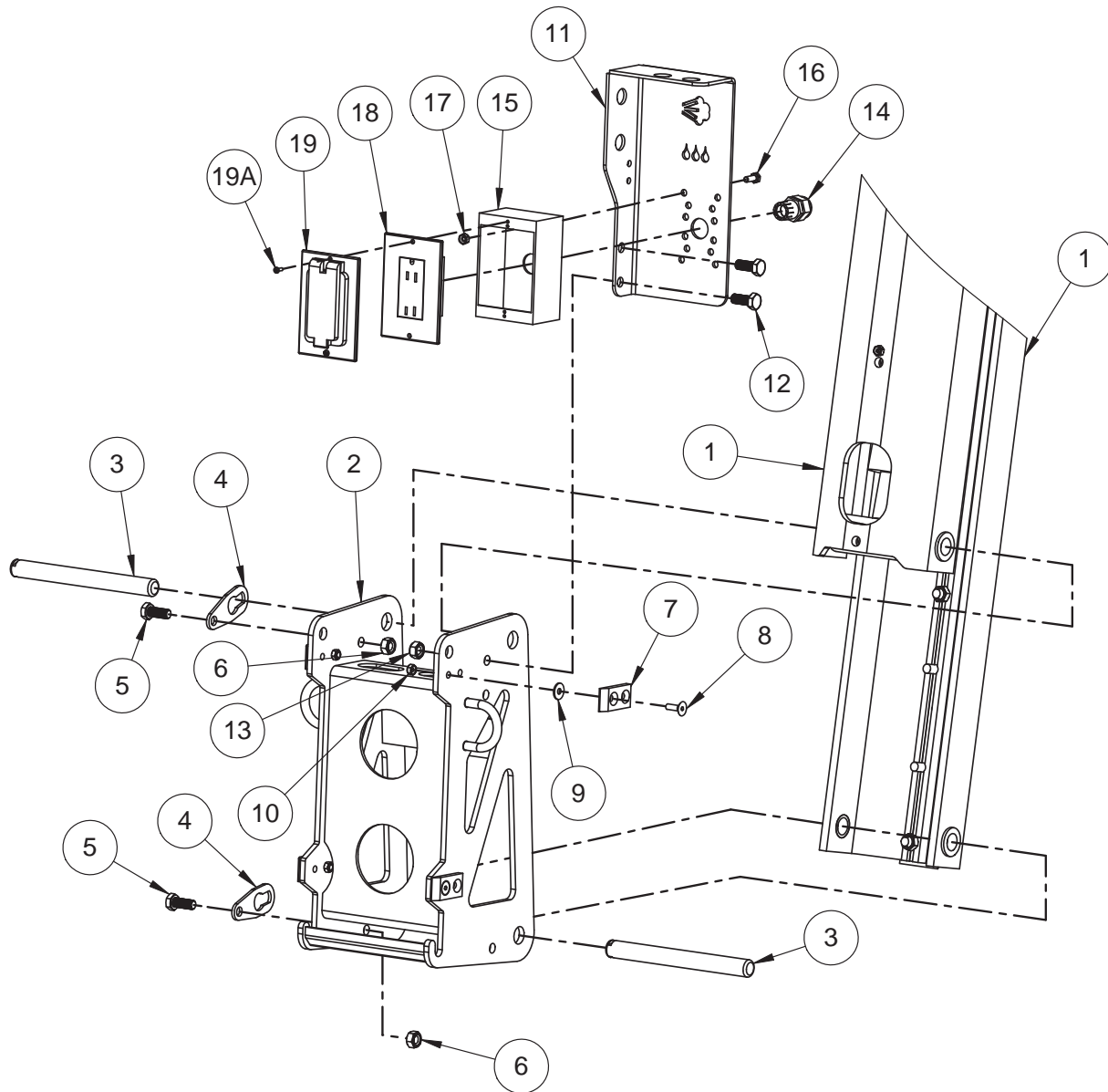
JIB BOOM ASSEMBLY - ANSI, CE & AU



JIB BOOM ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-00522	Boom End Weldment	Ref.
2	A-01553	Cylinder, Slave	Ref.
3	A-00651	End Pivot Weldment	1
4	A-00050	Pin, .75 x 7.375	4
5	A-00925	Pin Retainer .75	4
6	0096-0016	Screw, Hex Head Cap - M10 x 25	6
7	0096-0041	Hex Nut with Nylon Insert, M10	6
8	A-00061	Pin 1.0 X 7.375	2
9	A-00018	Pin-retainer 1.0 In	2
10	A-00657	Jib Link B	2
11	A-00056	Bearing .75 I.D. x .5 Long x .125 Thick	8
12	A-00669	Jib Hose Clamp	3
13	0096-0052	Screw, Hex Head Cap - M6 x 40	2
14	0096-0100	Screw, Hex Head Cap - M6 x 35	1
15	0096-0039	Hex Nut with Nylon Insert, M6	3
16	A-00660	Cylinder, Jib	1
16A	B02-13-0147	Orifice - .045	1
16B	B02-13-0152	Seal Kit	1
17	B02-04-0119	Valve	1
18	B01-08-0022	Coil - 24VDC	1
19	A-00674	Valve Guard	1
20	0096-0018	Screw, Hex Head Cap - M10 x 40	2
21	0096-0041	Hex Nut with Nylon Insert, M10	2
22	A-00667	Jib Bumper	1
23	0096-0068	Screw, Flat Head Socket Cap - 10 x 45	4
24	0096-0041	Hex Nut with Nylon Insert, M10	4
25	A-00662	Jib End Weldment	1
25A	A-01977	Jib End Weldment - Load Sense	1

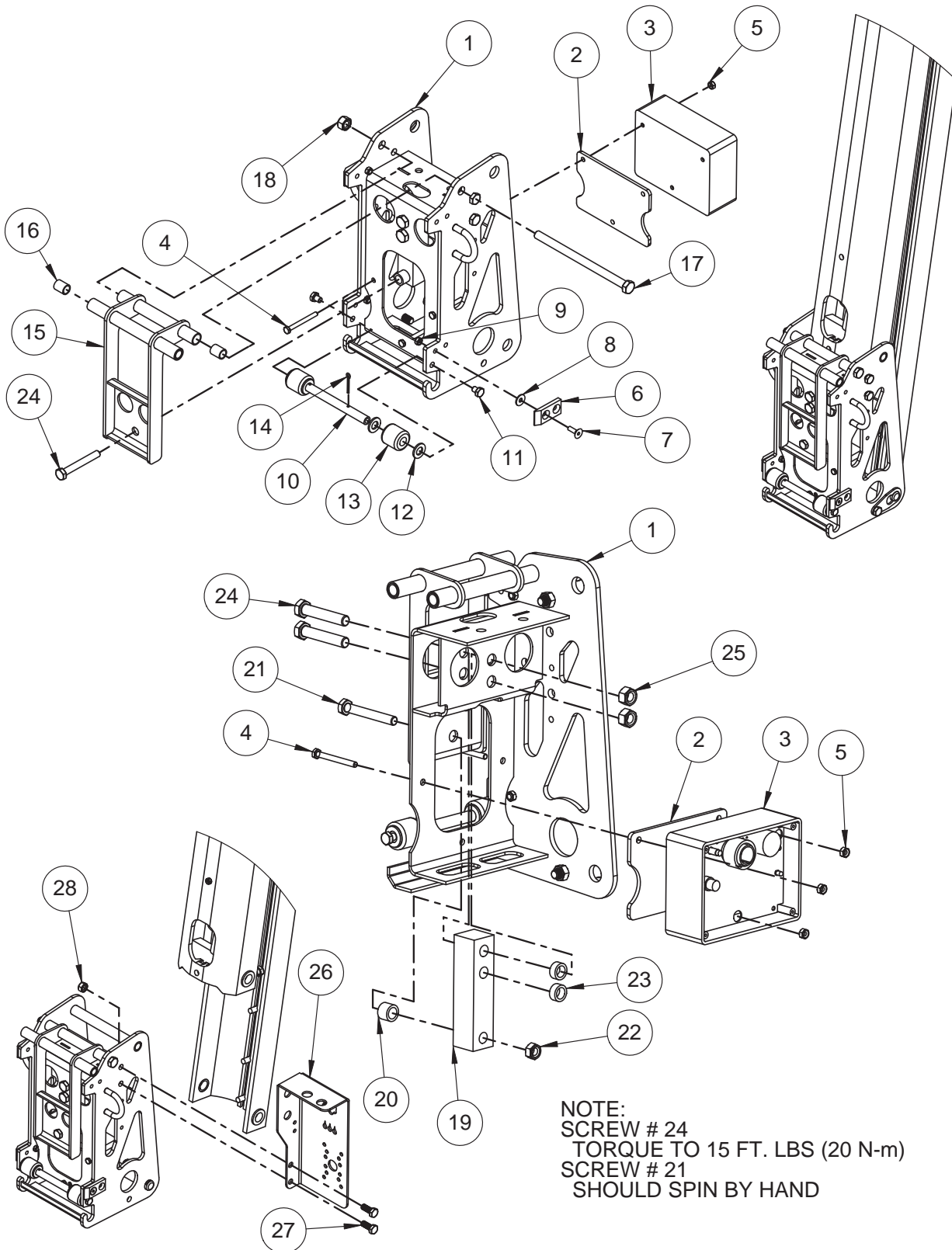
PLATFORM MOUNT ASSEMBLY - STANDARD – ANSI ONLY



PLATFORM MOUNT ASSEMBLY - STANDARD - ANSI ONLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-00657	Jib Link B	Ref.
2	A-00662	Jib End Weldment	1
2A	A-01977	Jib End Weldment - Load Sense	1
3	A-00050	Pin, .75 x 7.375	2
4	A-00925	Pin Retainer .75	2
5	0096-0016	Screw, Hex Head Cap - M10 x 25	2
6	0096-0041	Hex Nut with Nylon Insert, M10	2
7	A-00038	Ramp, .25	4
8	0096-0003	Screw, Flat Head Socket Cap - M6 x 20	8
9	0096-0077	Flat Washer, M6	8
10	0096-0039	Hex Nut with Nylon Insert, M6	8
11	A-01979	Bulkhead	1
12	0096-0016	Screw, Hex Head Cap - M10 x 25	2
13	0096-0041	Hex Nut with Nylon Insert, M10	2
14	B01-09-0029	Cord Grip, Plastic 1/2in	2
15	B01-10-0046	Outlet Box - Weather Tite	1
16	0096-0002	Screw, Hex Head Cap - M6 x 20	4
17	0096-0039	Hex Nut with Nylon Insert, M6	4
18	B01-10-0034	Receptacle	1
18A	-	Screw, Comes with Receptacle	2
19	B01-10-0392	Cover Replaces B01-10-0035 Effective 2009	1

PLATFORM MOUNT ASSEMBLY - LOAD SENSE - ANSI, CE & AU



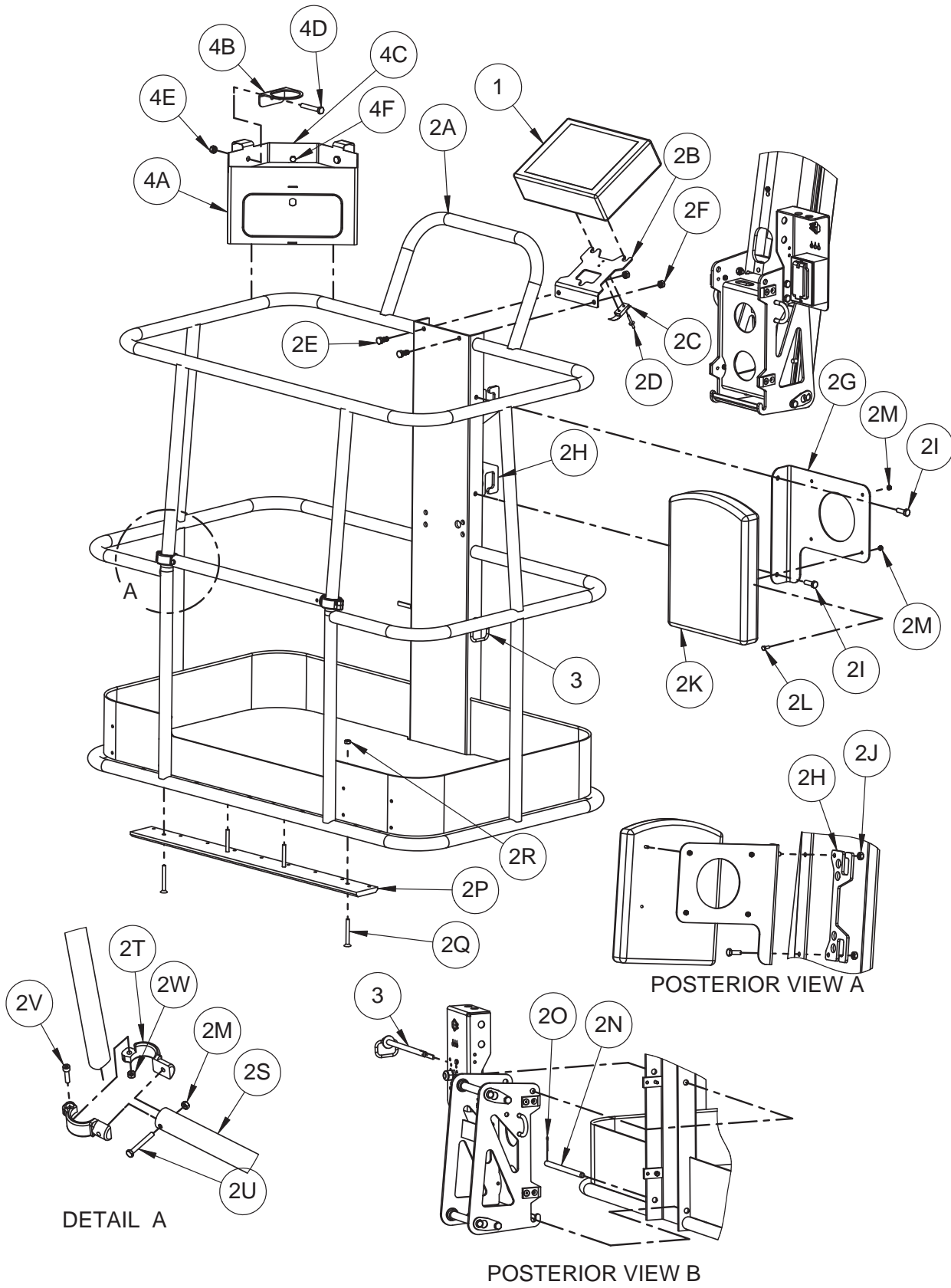
NOTE:
 SCREW # 24
 TORQUE TO 15 FT. LBS (20 N-m)
 SCREW # 21
 SHOULD SPIN BY HAND

NOTE: To recalibrate the load sense, refer to the "Overload Protection Calibration Procedure", located in the "Equipment Maintenance" section of this manual

PLATFORM MOUNT ASSEMBLY - LOAD SENSE - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-01977	Jib End Weldment, Load Sense	1
2	A-01983	Plate, Spacer - Load Cell Module	1
3	A-00992	Load Sense Interface Module	1
4	0096-0085	Screw, Hex Head Cap - M6 x 60	3
5	0096-0039	Hex Nut with Nylon Insert - M6	3
6	A-00038	Ramp	4
7	0096-0003	Screw, Flat Head Socket Cap - M6 x 20	8
8	0096-0077	Flat Washer, M6	8
9	0096-0039	Hex Nut with Nylon Insert - M6	8
10	A-00994	Load Sense Roller Bar	1
11	0096-0009	Screw, Hex Head Cap - M8 x 10	2
12	0096-0046	Flat Washer, M12	4
13	A-00995	Load Sense Roller	2
14	0090-0147	Cotter Pin, 1/8 x 1 1/4	2
15	A-00982	Load Sense Weldment	1
16	A-00033	Bearing, Composite - .50 x .625 x .75	4
17	0096-0055	Screw, Hex Head Cap - M12 X 190	1
18	0096-0042	Hex Nut with Nylon Insert - M12	1
19	A-00988-1	Load Cell With Turck Connector	1
20	A-00990A	Load Sense Spacer A	1
21	0096-0069	Screw, Hex Head Cap - M10 x 75 - Bolt should Spin by Hand	1
22	0096-0041	Hex Nut with Nylon Insert, M10	1
23	A-00990B	Load Sense Spacer B	2
24	0096-0086	Screw, Hex Head Cap - M12 x 65 - Torque to 15 Ft. Lbs.	2
25	0096-0042	Hex Nut with Nylon Insert - M12	2
26	A-01979	Bulkhead	1
27	0096-0016	Screw, Hex Head Cap - M10 x 25	2
28	0096-0041	Hex Nut with Nylon Insert, M10	2

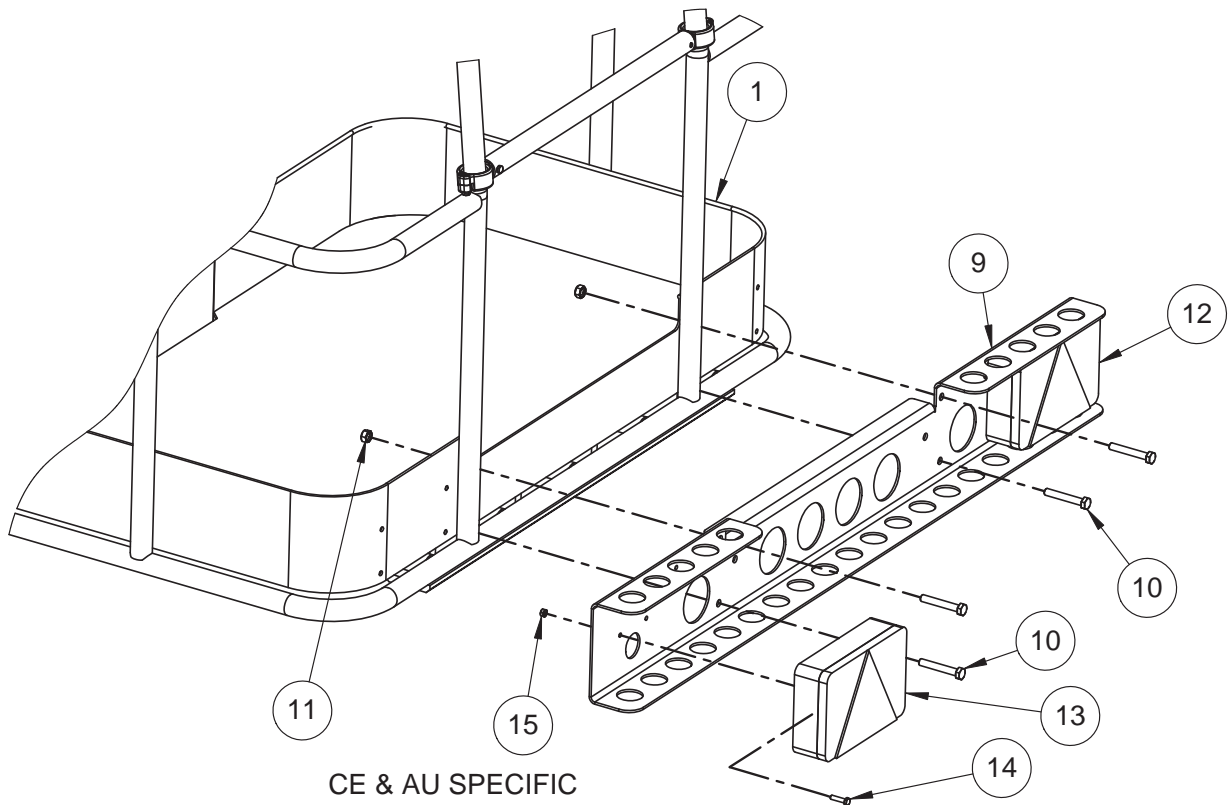
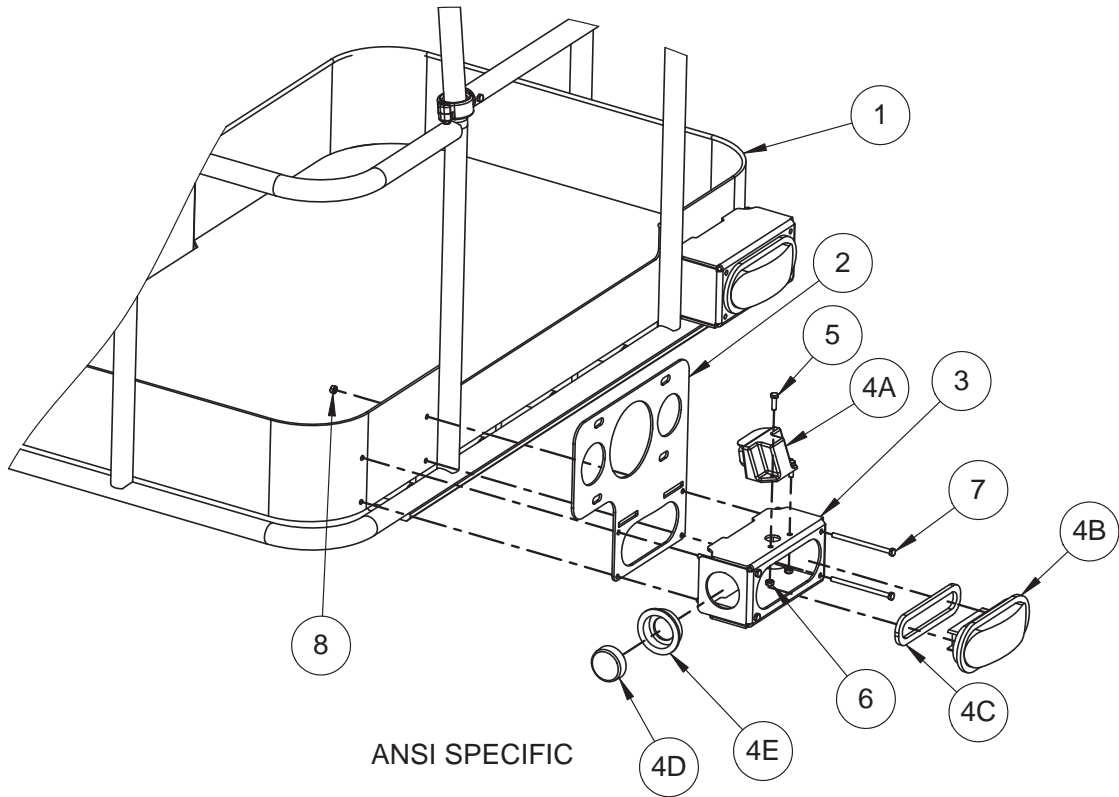
PLATFORM ASSEMBLY - ANSI, CE & AU



PLATFORM ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-00713	Upper Control Box	1
1A	A-01931	Upper Control Box - Drive & Set (Option)	1
1-1	A-00681	Upper Control Box - Jib Rotate (Option)	1
2	A-01449	Platform Assembly	1
2A	A-00450	Platform Weldment	1
2B	A-00461	Upper Control Box Mount	1
2C	A-00466	Control Box Latch	1
2D	0090-0679	Pop Rivet, 5/32 x .250	2
2E	0096-0016	Screw, Hex Head Cap - M10 x 25	2
2F	0096-0041	Hex Nut with Nylon Insert, M10	2
2G	A-00468	Manual Mount Plate	1
2H	A-00474	Cord Wrap Bracket	1
2I	0096-0017	Screw, Hex Head Cap - M10 x 30	2
2J	0096-0041	Hex Nut with Nylon Insert, M10	2
2K	A-00475	Manual Storage Box	1
2L	0096-0001	Screw, Hex Head Cap - M6 x 16	4
2M	0096-0039	Hex Nut with Nylon Insert, M6	8
2N	A-00071	Pin, 0.5" x 8.875"	1
2O	0090-0147	Cotter Pin, 1/8 x 1 1/4	2
2P	A-00488	Skid Pad	1
2Q	0096-0080	Screw, Flat Head Socket Cap - M8 x 70	4
2R	0096-0040	Hex Nut with Nylon Insert - M8	4
2S	A-00464	Mid Rail Tube	1
2T	A-00463	Mid Rail End	4
2U	0096-0052	Screw, Hex Head Cap - M6 x 40	2
2V	0096-0115	Screw, Socket Head Cap - M6 x 25	2
3	A-00028	Clevis Pin with Tension Lock	1
4	A-02600	Tool Box Assembly - OPTION - ALL MACHINES	1
4A	A-02601	Tool Box	1
4B	A-02609	Cup Holder	1
4C	A-02610	Rear Brace	1
4D	0096-0066	Hex Head Cap - M10 x 60	2
4E	0096-0041	Hex Nut with Nylon Insert - M10	2
4F	0096-0010	Screw, Hex Head Cap - M8 x 20	2
4G	0096-0040	Hex Nut with Nylon Insert - M8 - Not Shown	2
4H	B37-00-0006	Lock - Utility Cylinder Knob Style - Not Shown	1

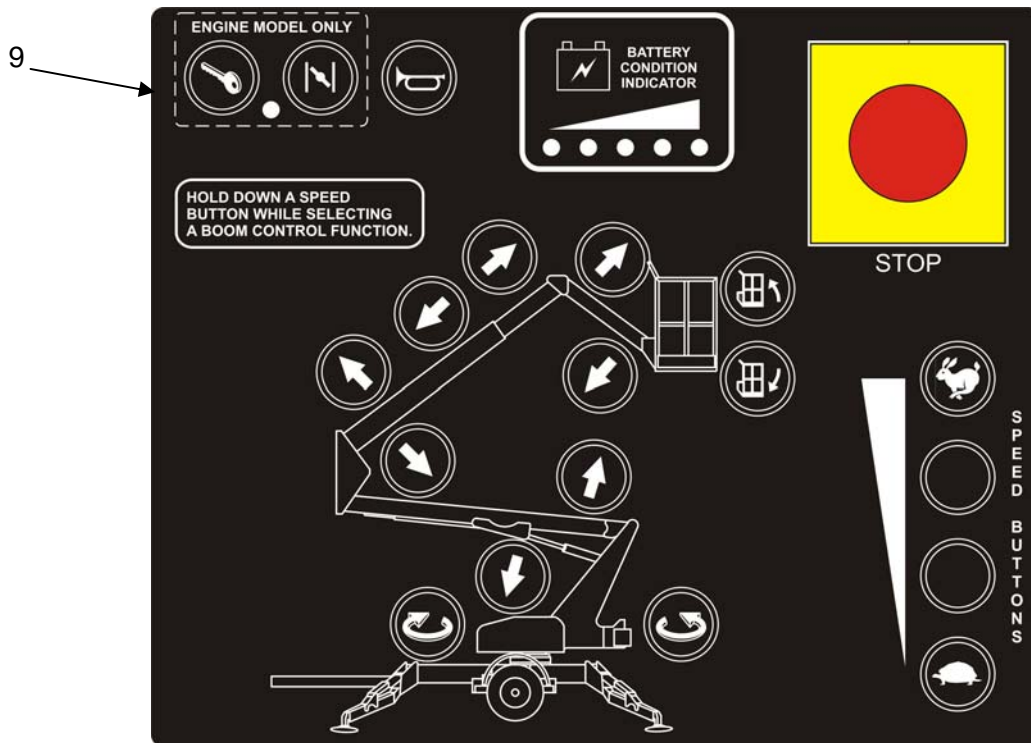
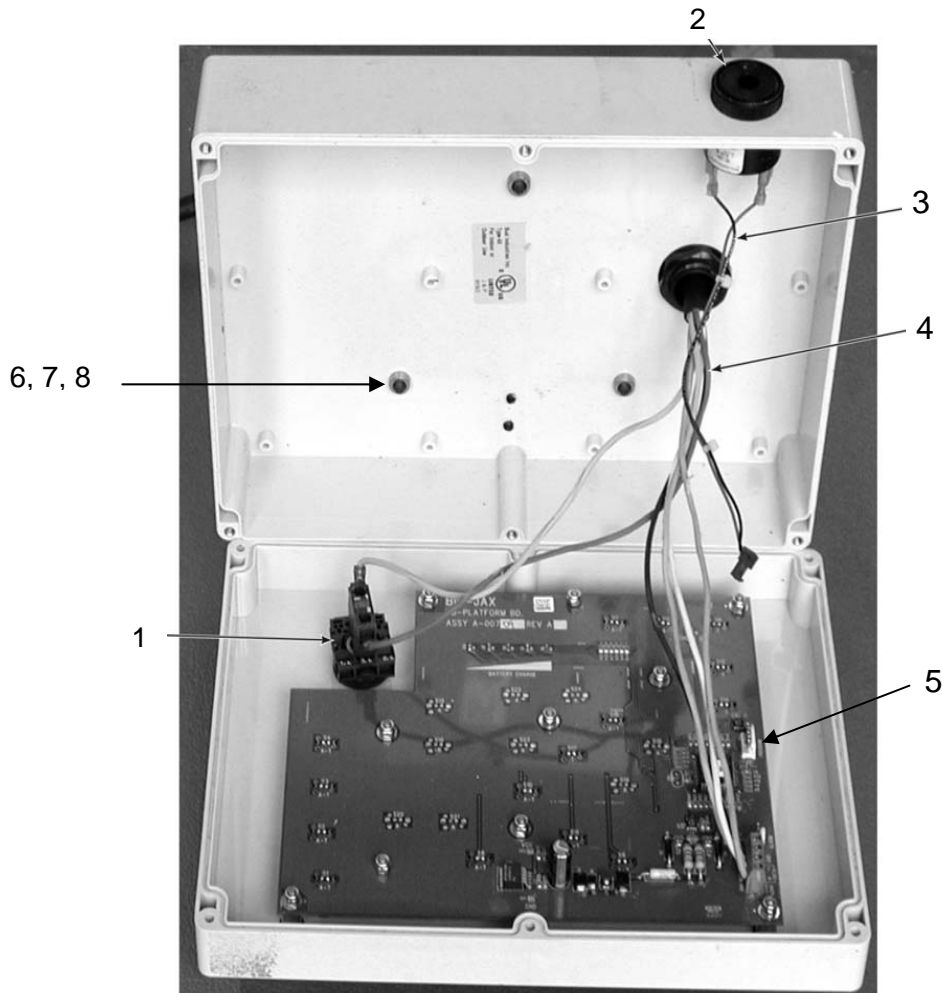
PLATFORM TAIL LIGHT ASSEMBLY - ANSI, CE & AU



PLATFORM TAIL LIGHT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-01449	Platform Assembly	Ref.
ANSI SPECIFIC			
2	A-00486	Bracket, License Plate	1
3	A-00487	Tail Light Box	2
4	A-01246	Tail Light Kit, Includes Harness	1
4A	B01-10-0240	License Plate Lamp	1
4B	B01-10-0235	Tail Light	2
4C	B01-10-0236	Grommet, Tail Light	2
4D	B01-10-0238	Marker Light, Red	2
4E	B01-10-0239	Grommet, Marker Light	2
5	0096-0001	Screw, Hex Head Cap - M6 x 16	2
6	0096-0039	Hex Nut with Nylon Insert, M6	2
7	0096-0079	Screw, Hex Head Cap - M6 x 100	8
8	0096-0039	Hex Nut with Nylon Insert, M6	8
CE & AU SPECIFIC			
9	A-03663	Light Bracket	1
10	0096-0066	Screw, Hex Head Cap - M10 x 60	4
11	0096-0041	Hex Nut with Nylon Insert, M10	4
12	A-03622R	Tail Light, CE - Right	1
13	A-03622L	Tail Light, CE - Left	1
14	0096-0004	Screw, Hex Head Cap - M6 x 25	4
15	0096-0039	Hex Nut with Nylon Insert, M6	4

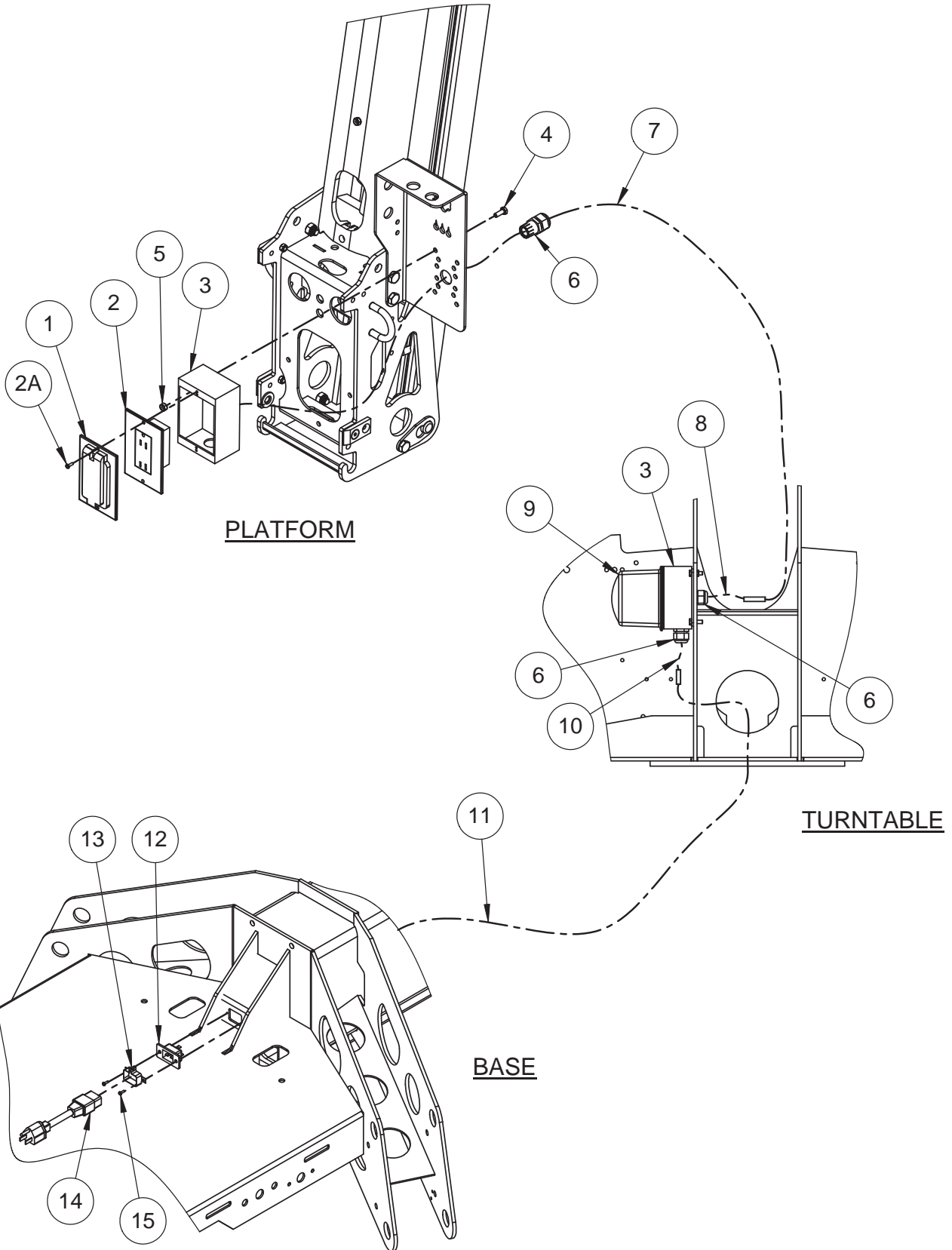
PLATFORM (UPPER) CONTROL BOX - ANSI, CE & AU



PLATFORM (UPPER) CONTROL BOX - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	A-00713	Platform (Upper) Control Box	1
	A-00713-B	Platform (Upper) Control Box - with Decal	1
1	B01-02-0119	Emergency Stop Button with Contact and Mount	1
2	B01-10-0194	Alarm	1
3	B01-01-0153	Wiring Harness, Alarm	1
4	B01-01-0154	Wiring Harness, Tail, Upper Control Box	1
5	B01-10-0340	Circuit Board, Upper	1
6	A-00462	Spool - Now Shown	3
7	0096-0006	Screw, Flat Head Socket Cap - M6 x 25	3
8	0096-0039	Hex Nut with Nylon Insert - M6	3
9	A-00713-D	Decal, Platform (Upper) Control Box Overlay	1
10	B01-10-0341	Switch Activating Disk - Now Shown	15
11	B01-10-0400	Standoff, Circuit Board - Not Shown	10

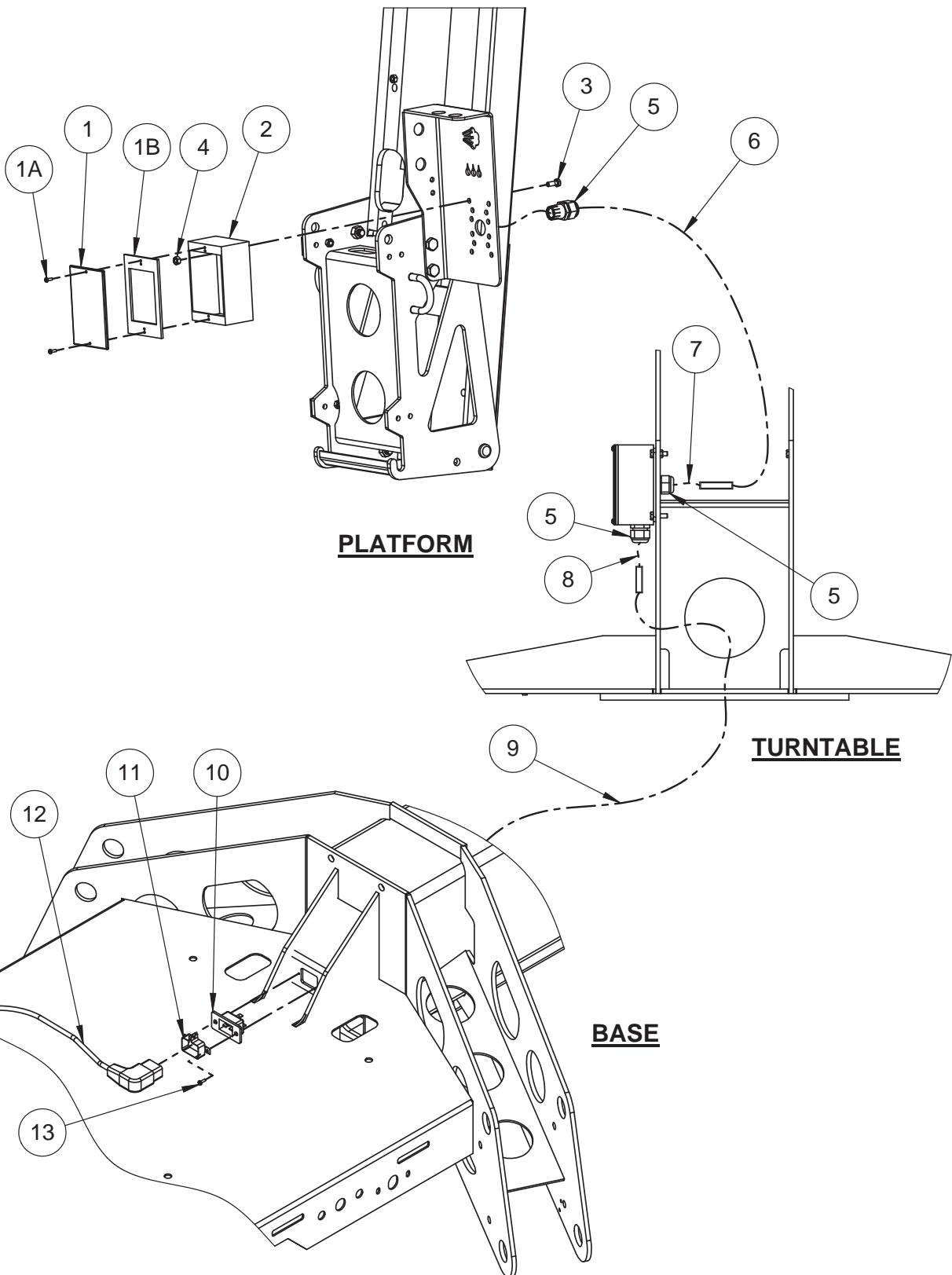
2.5 AC POWER HOOK-UP AC POWER HOOK-UP ASSEMBLY - ANSI



AC POWER HOOK-UP ASSEMBLY - ANSI

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B01-10-0392	Cover	1
2	B01-10-0034	Receptacle	2
2A	-	Screw, Comes with receptacle	2
3	B01-10-0046	Outlet Box	2
4	0096-0002	Screw, Hex Head Cap - M6 x 20	4
5	0096-0039	Hex Nut with Nylon Insert, M6 - Not Shown	4
6	B01-09-0029	Cord Grip, Plastic 1/2in	3
7	A-03722	Harness, Wire AC - 110 Volt to Platform	1
8	B01-01-0195	Wire Assembly, GFI Box - Cage	1
9	A-00288	Cover, Clear Plastic	1
10	B01-01-0194	Wire Assembly, GFI Box - Trailer	1
11	A-03726	Harness, Wire AC - 110 Volt to Trailer to Tower	1
12	A-00178	Connector, 16/20 Amp	1
13	A-00186	Lock, Connector	1
14	A-00179	Cord Assembly	1
15	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2

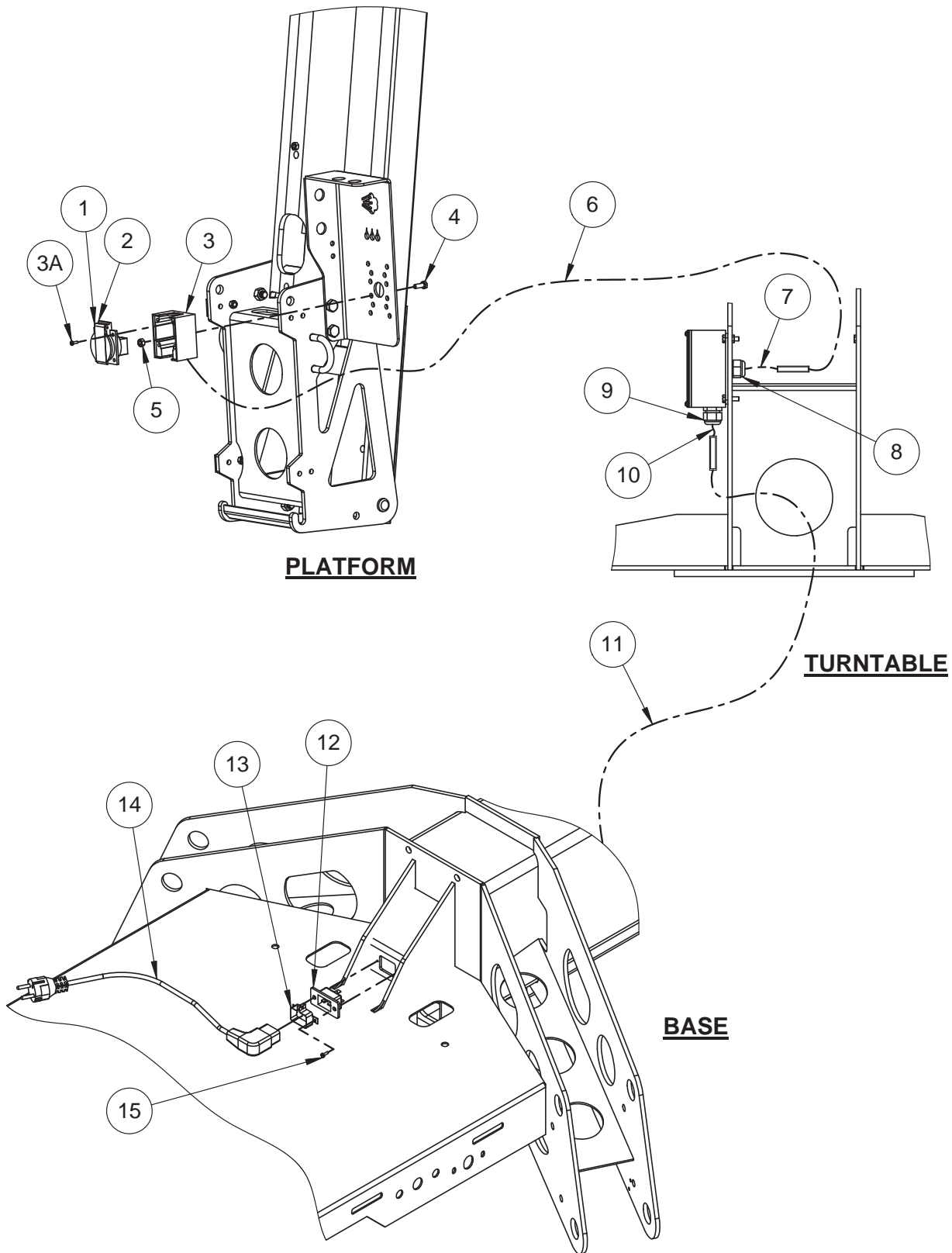
AC POWER HOOK-UP ASSEMBLY - CE - UNIVERSAL



AC POWER HOOK-UP ASSEMBLY - CE - UNIVERSAL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B01-10-0332	Cover	1
1A	-	Screw - Comes with Cover	2
1B	-	Gasket - Comes with Cover	1
2	B01-10-0046	Outlet Box	1
3	0096-0002	Screw, Hex Head Cap - M6 x 20	2
4	0096-0039	Hex Nut with Nylon Insert, M6	2
5	B01-09-0029	Cord Grip, Plastic 1/2in	3
6	A-03722	Wire Harness - AC - Turntable To Platform	1
7	B01-01-0195	Wire Assembly	1
8	B01-01-0194	Wire Assembly	1
9	A-03726	Wire Assembly - AC - Base To Turntable	1
10	A-00178	Connector, 16/20 Amp	1
11	A-00186	Lock, Connector	1
12	B01-10-0360	Cord Assembly - Universal	1
13	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2

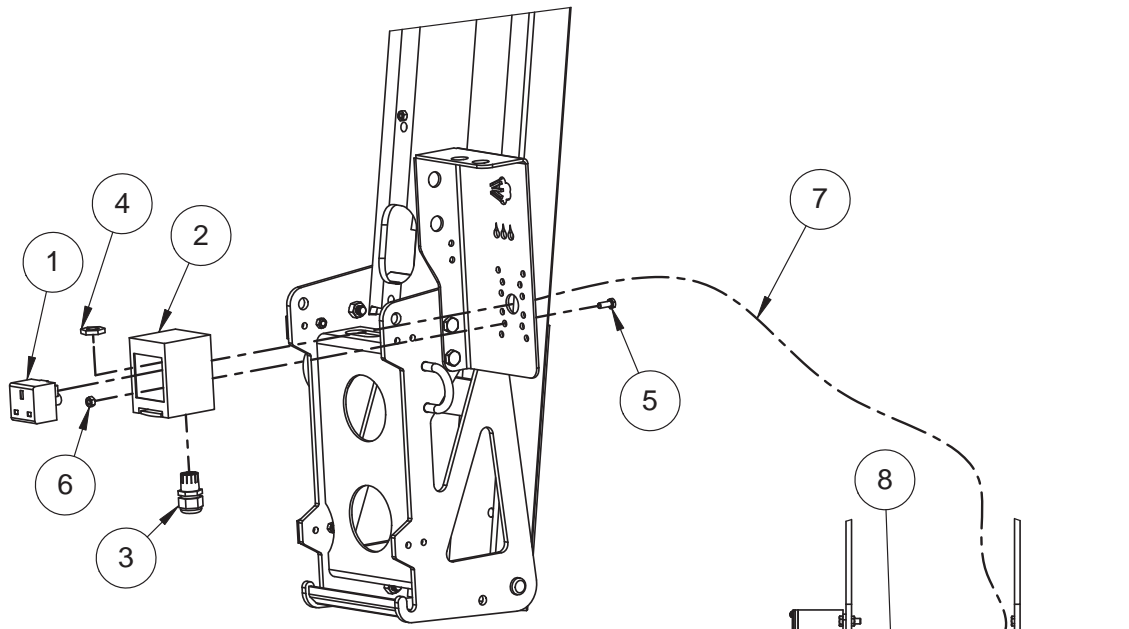
AC POWER HOOK-UP ASSEMBLY - CE - CONTINENTAL EUROPE



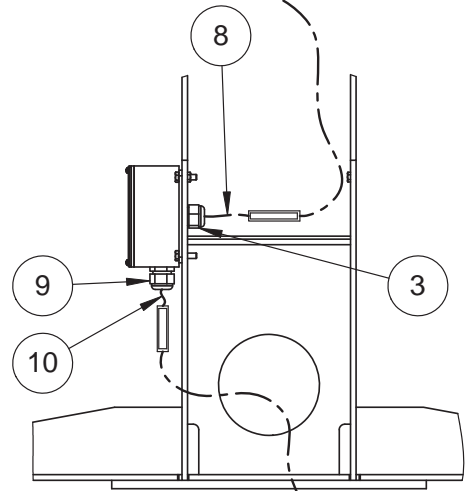
AC POWER HOOK-UP ASSEMBLY - CE - CONTINENTAL EUROPE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B01-10-0351	Socket	1
2	B01-10-0350	Gasket	1
3	B01-10-0349	Box	1
3A	-	Screw - Comes With Box	4
4	0096-0001	Screw, Hex Head Cap - M6 x 16	2
5	0096-0039	Hex Nut with Nylon Insert, M6	2
6	A-03722	Wire Harness - AC - Turntable to Platform	1
7	B01-01-0195	Wire Assembly	1
8	B01-09-0029	Cord Grip, Plastic 1/2in	1
9	B01-09-0009	Cord Grip, Aluminum	1
10	B01-01-0194	Wire Assembly	1
11	A-03726	Wire Assembly – AC - Base To Turntable	1
12	A-00178	Connector, 16/20 Amp	1
13	A-00186	Lock, Connector	1
14	B01-10-0348	Cord Assembly – Continental Europe	1
15	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2

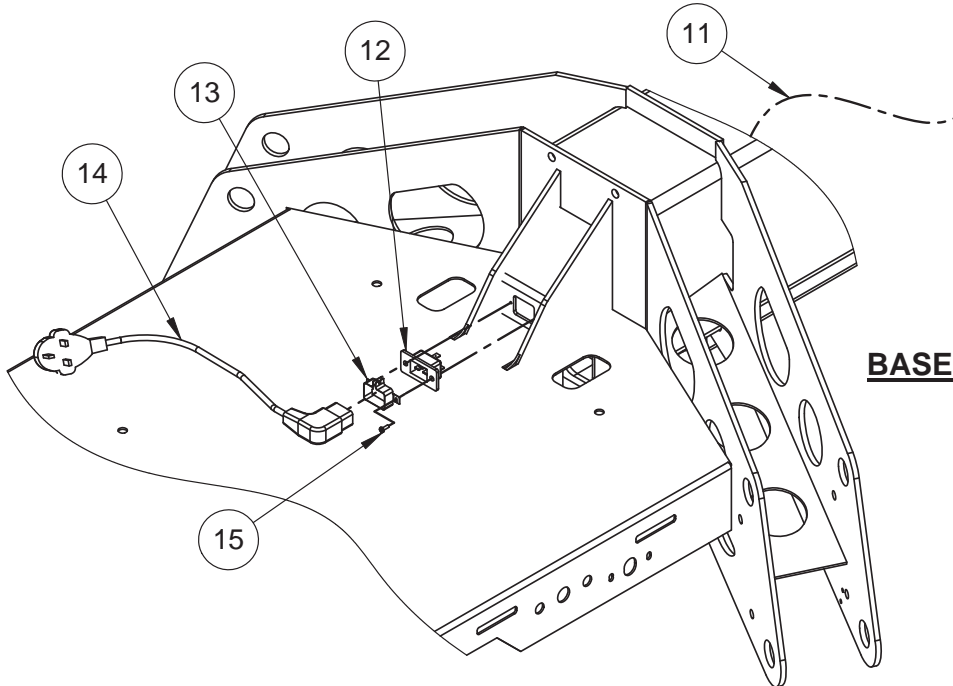
AC POWER HOOK-UP ASSEMBLY - CE - UNITED KINGDOM



PLATFORM



TURNTABLE

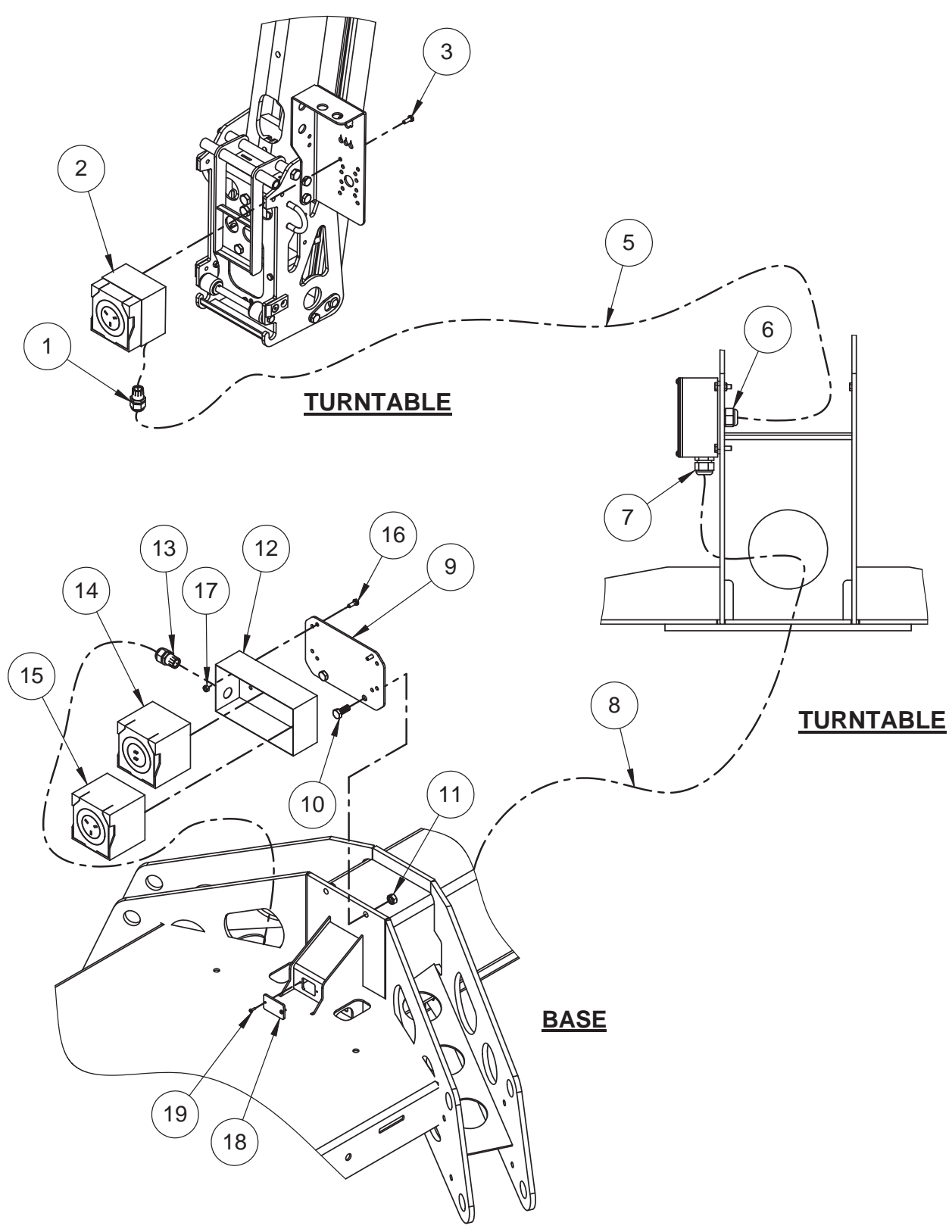


BASE

AC POWER HOOK-UP ASSEMBLY - CE - UNITED KINGDOM

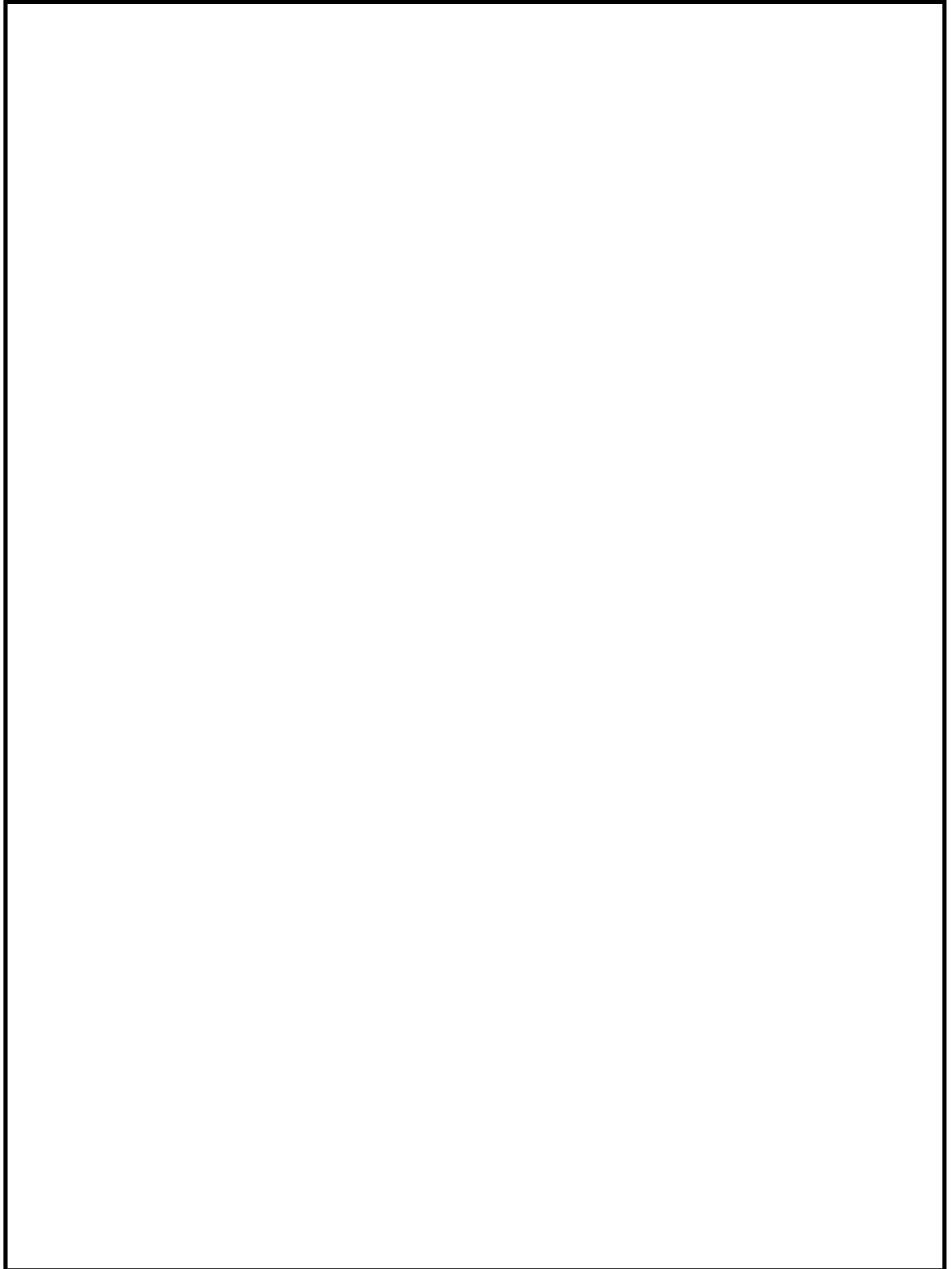
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B01-10-0384	Receptacle	1
2	B01-10-0385	Box	1
3	B01-09-0029	Cord Grip, Plastic 1/2in	2
4	B04-07-0030	Lock Nut, Cord Grip, Plastic	1
5	0096-0001	Screw, Hex Head Cap - M6 x 16	2
6	0096-0039	Hex Nut with Nylon Insert, M6	2
7	A-03722	Wire Harness - AC - Turntable to Platform	1
8	B01-01-0195	Wire Assembly	1
9	B01-09-0009	Cord Grip, Aluminum	1
10	B01-01-0194	Wire Assembly	1
11	A-03726	Wire Assembly - AC - Base To Turntable	1
12	A-00178	Connector, 16/20 Amp	1
13	A-00186	Lock, Connector	1
14	B01-10-0382	Cord Assembly – United Kingdom	1
15	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2

AC POWER HOOK-UP ASSEMBLY - AUSTRALIA



AC POWER HOOK-UP ASSEMBLY - AUSTRALIA

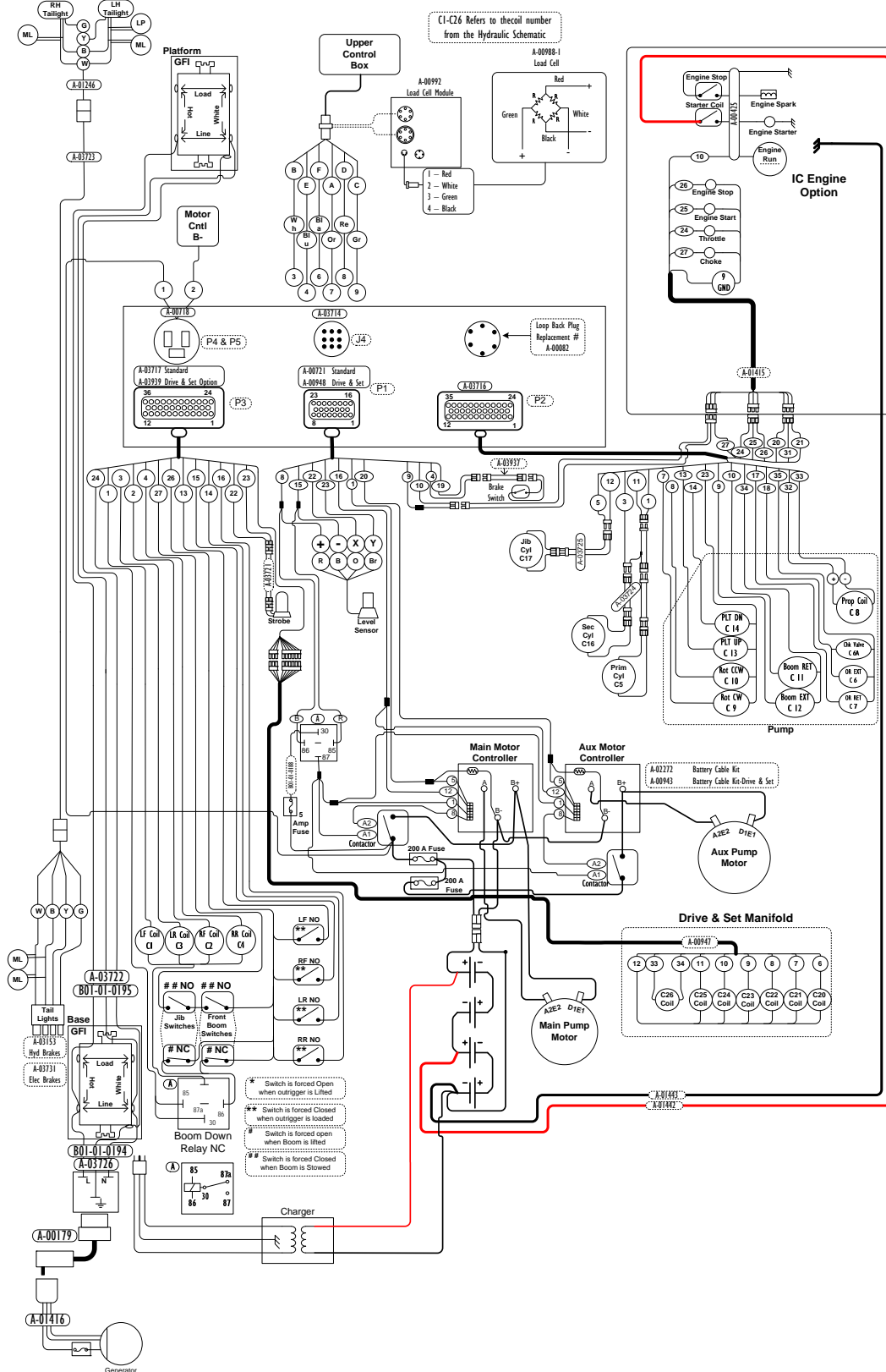
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B01-09-0144	Cord Grip, Metric	1
2	B01-10-0365	Outlet Box	1
3	0096-0001	Screw, Hex Head Cap - M6 x 16	2
4	0096-0039	Hex Nut with Nylon Insert, M6 (Not Shown)	2
5	A-03685	Wire, AC - Platform to Turntable	1
6	B01-09-0029	Cord Grip - Plastic 1/2in	1
7	B01-09-0009	Cord Grip, Aluminum	1
8	A-03686	Wire, AC - Turntable to Base	1
9	A-03645	Mount Plate	1
10	0096-0016	Screw, Hex Head Cap - M10 x 25	2
11	0096-0041	Hex Nut with Nylon Insert, M10	2
12	B01-10-0366	Mounting Enclosure	1
13	B01-09-0144	Cord Grip, Metric	1
14	B01-10-0367	Circuit Breaker, 2 Pole	1
15	B01-10-0364	Inlet Plug Box	1
16	0096-0001	Screw, Hex Head Cap - M6 x 16	4
17	0096-0039	Hex Nut with Nylon Insert, M6	4
18	A-03646	Cover Plate	1
19	0090-1081	Screw, Pan Head Sheet Metal - # 4 x 3/4	2



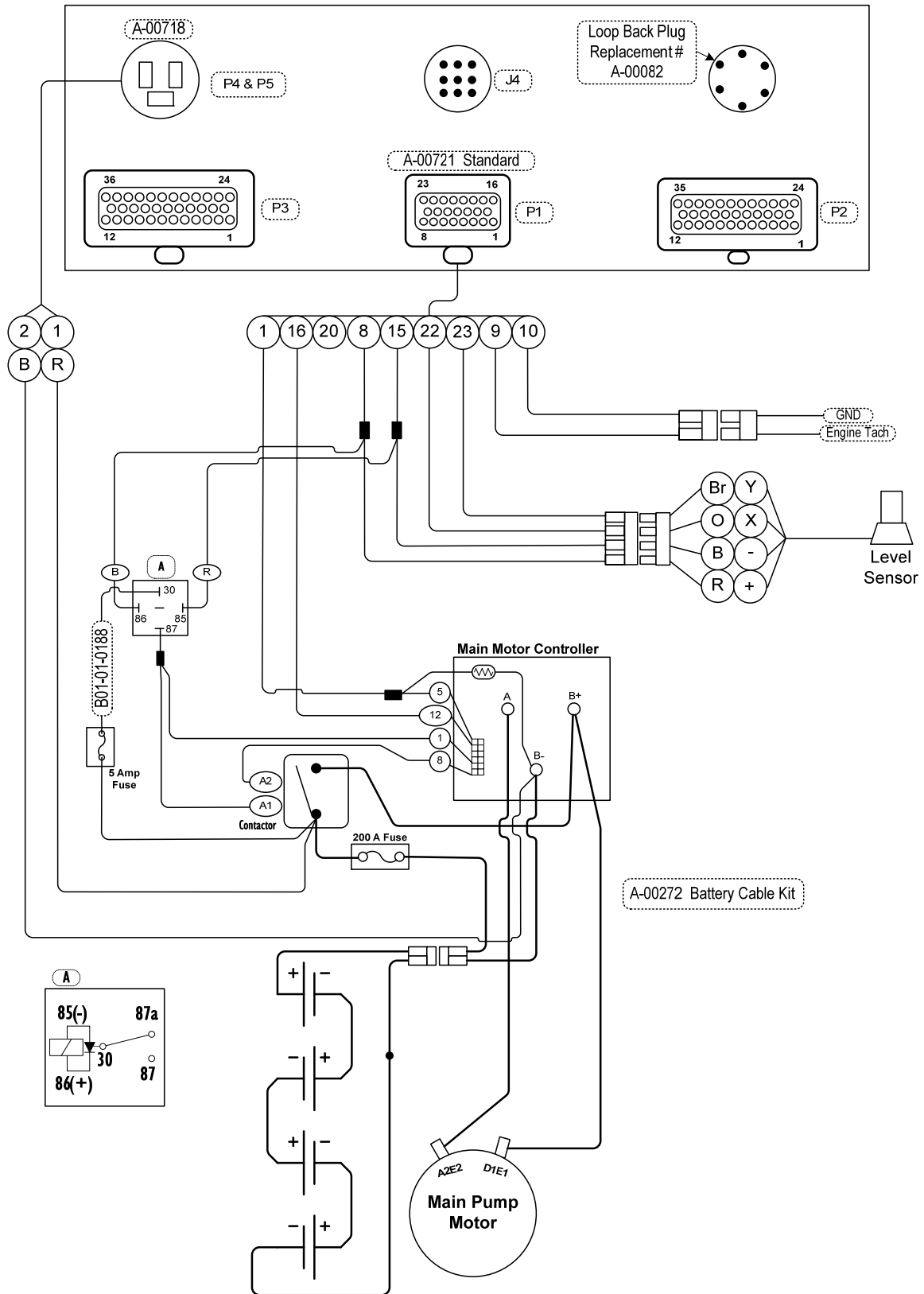
3 SCHEMATICS

3.1 ELECTRICAL SCHEMATICS - ANSI

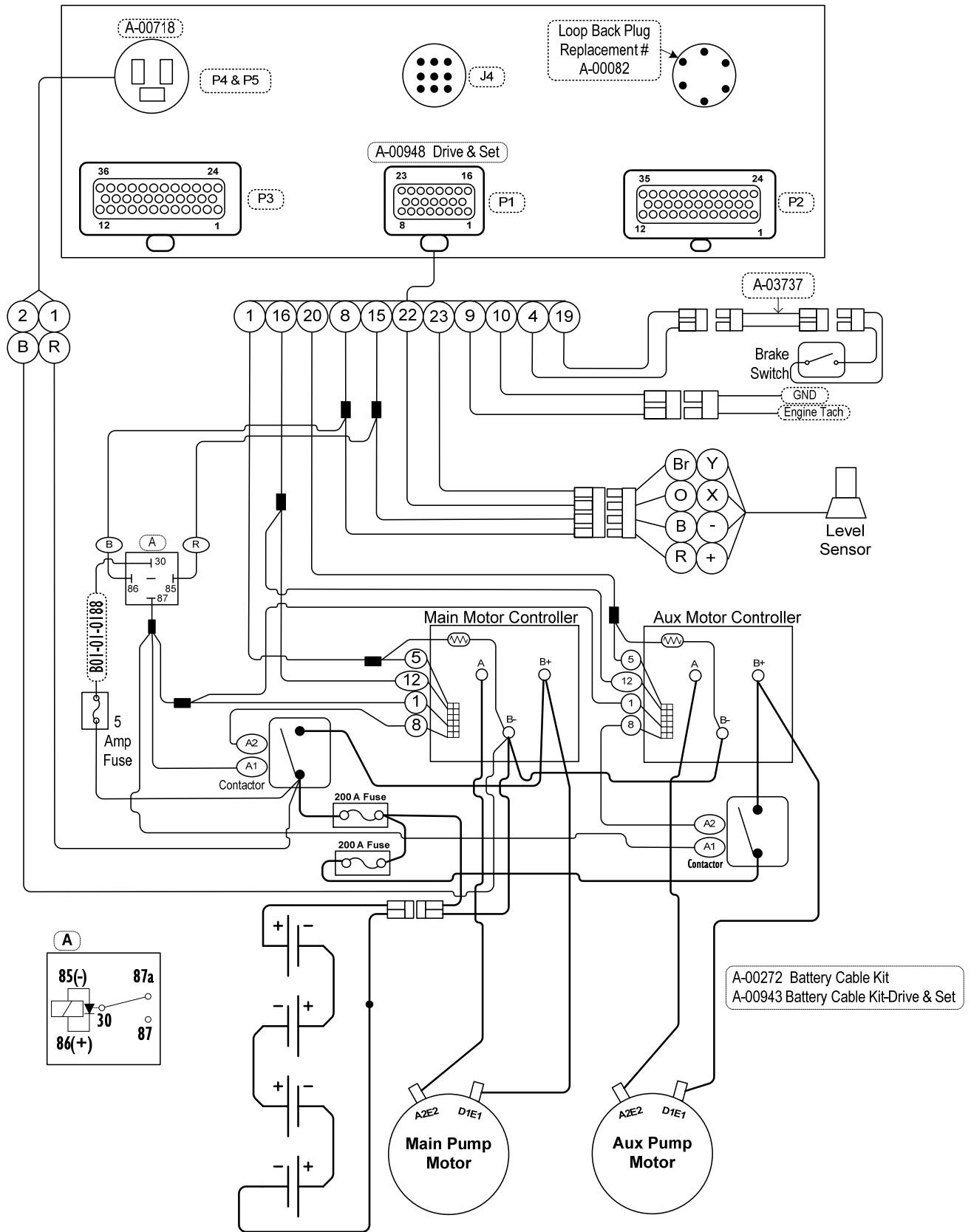
4527A / HTA 16 P MAIN ELECTRICAL SCHEMATIC - ANSI



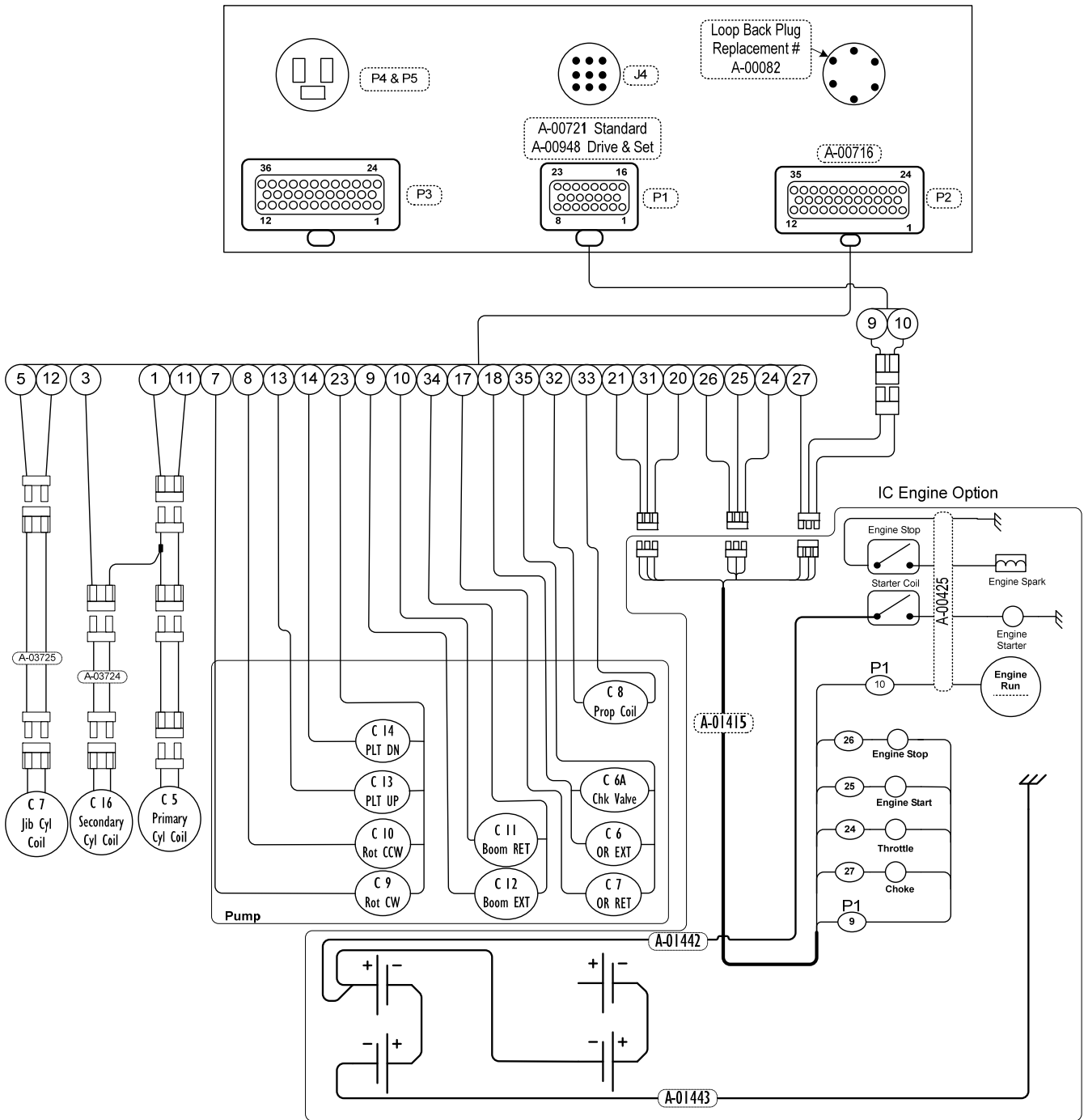
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - ANSI



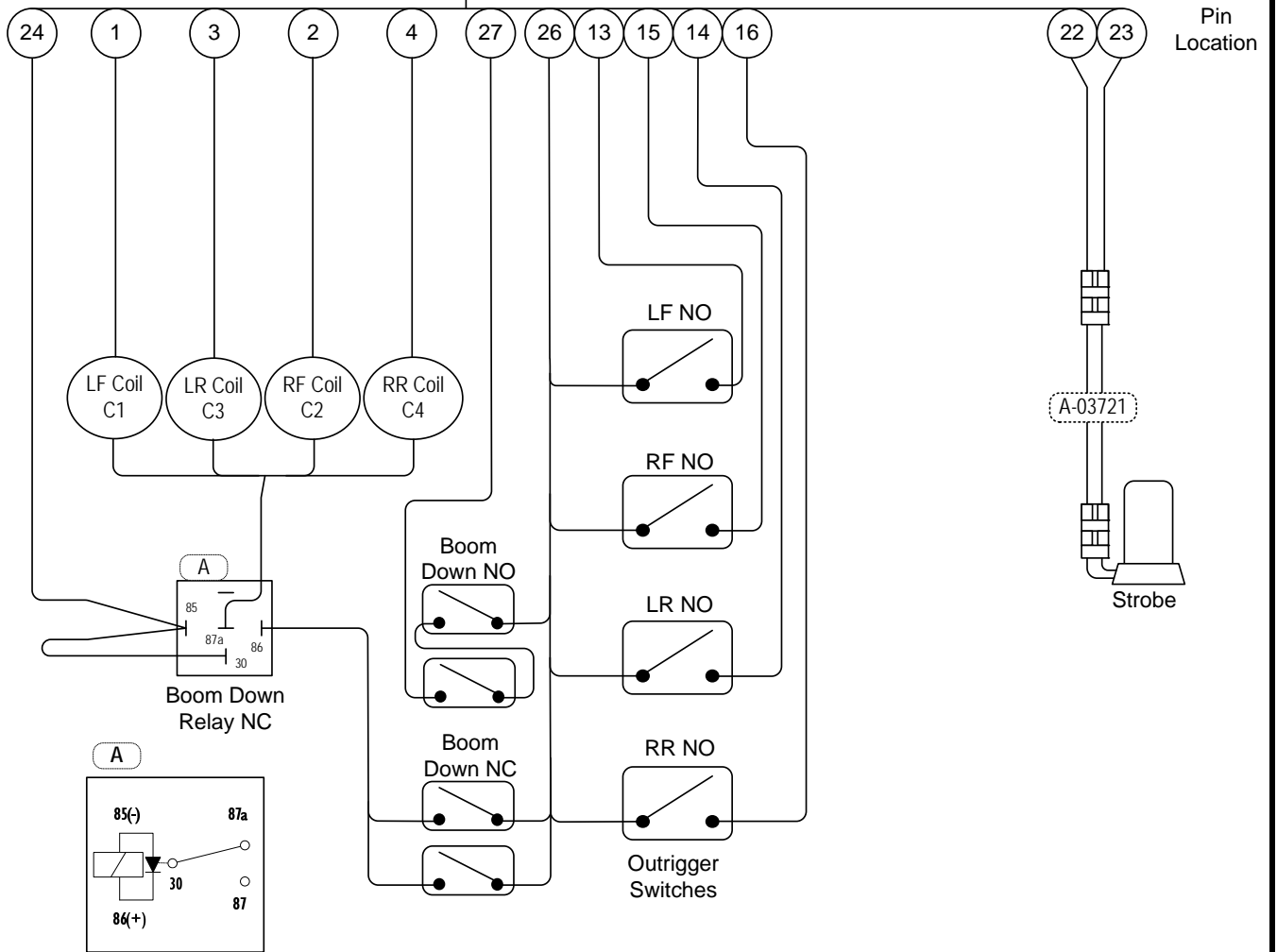
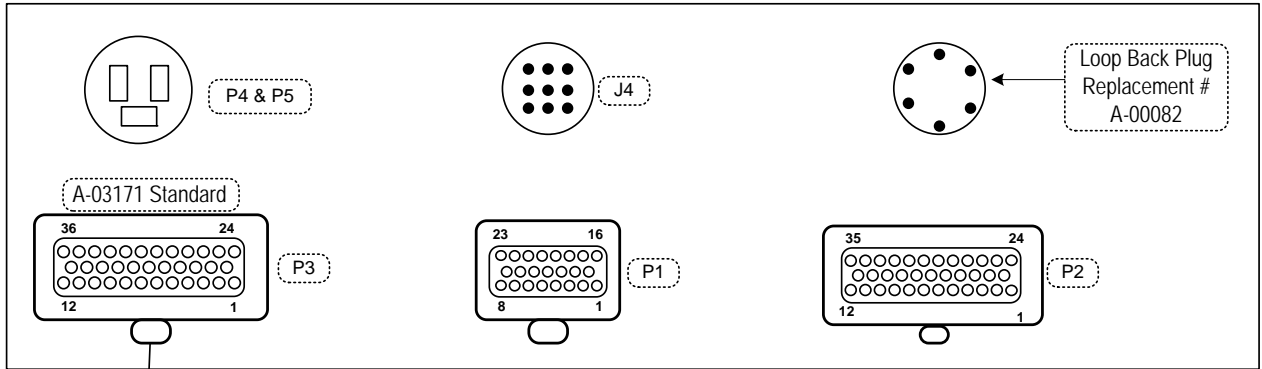
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - ANSI



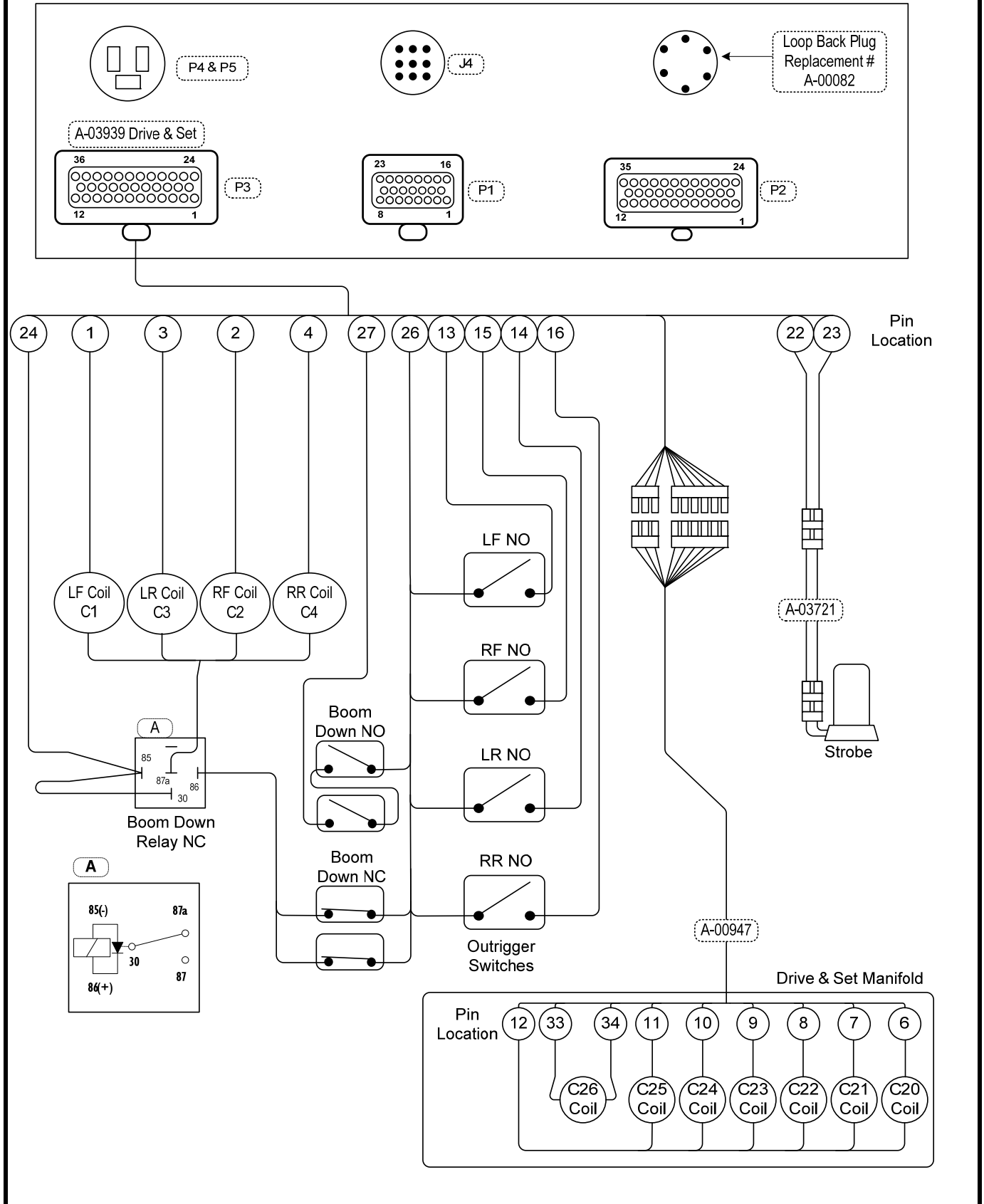
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - ANSI



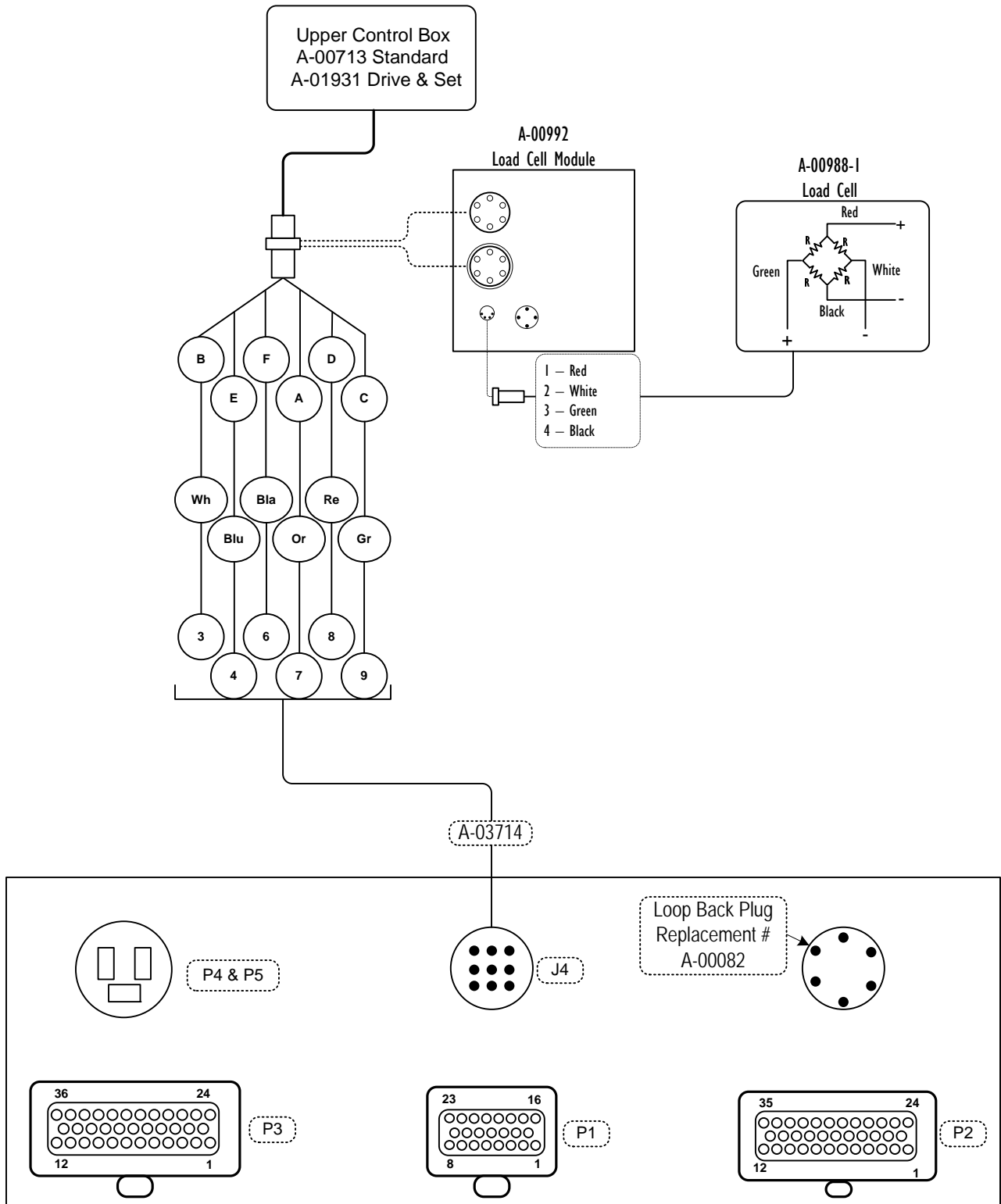
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - ANSI



4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - ANSI

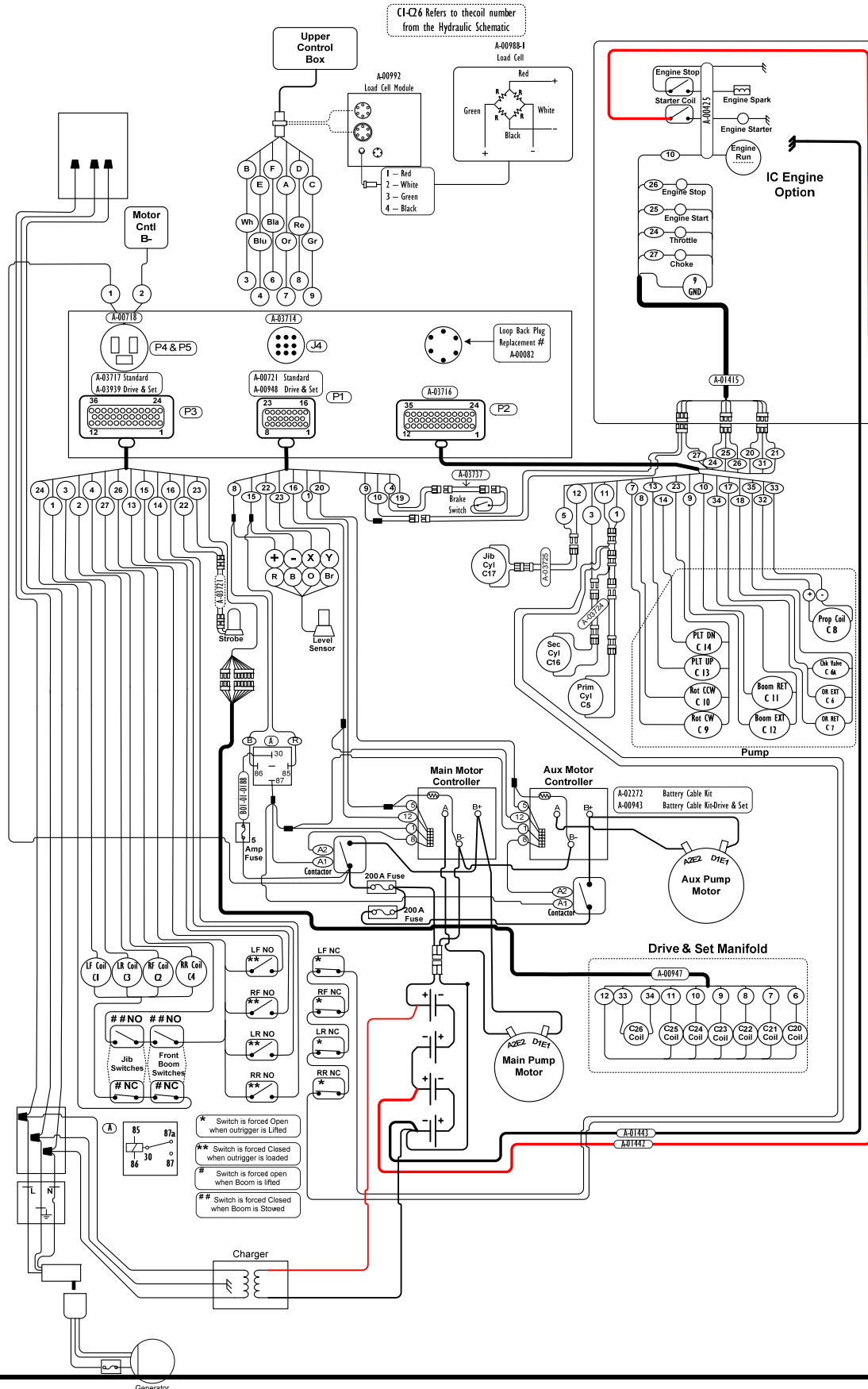


4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - ANSI

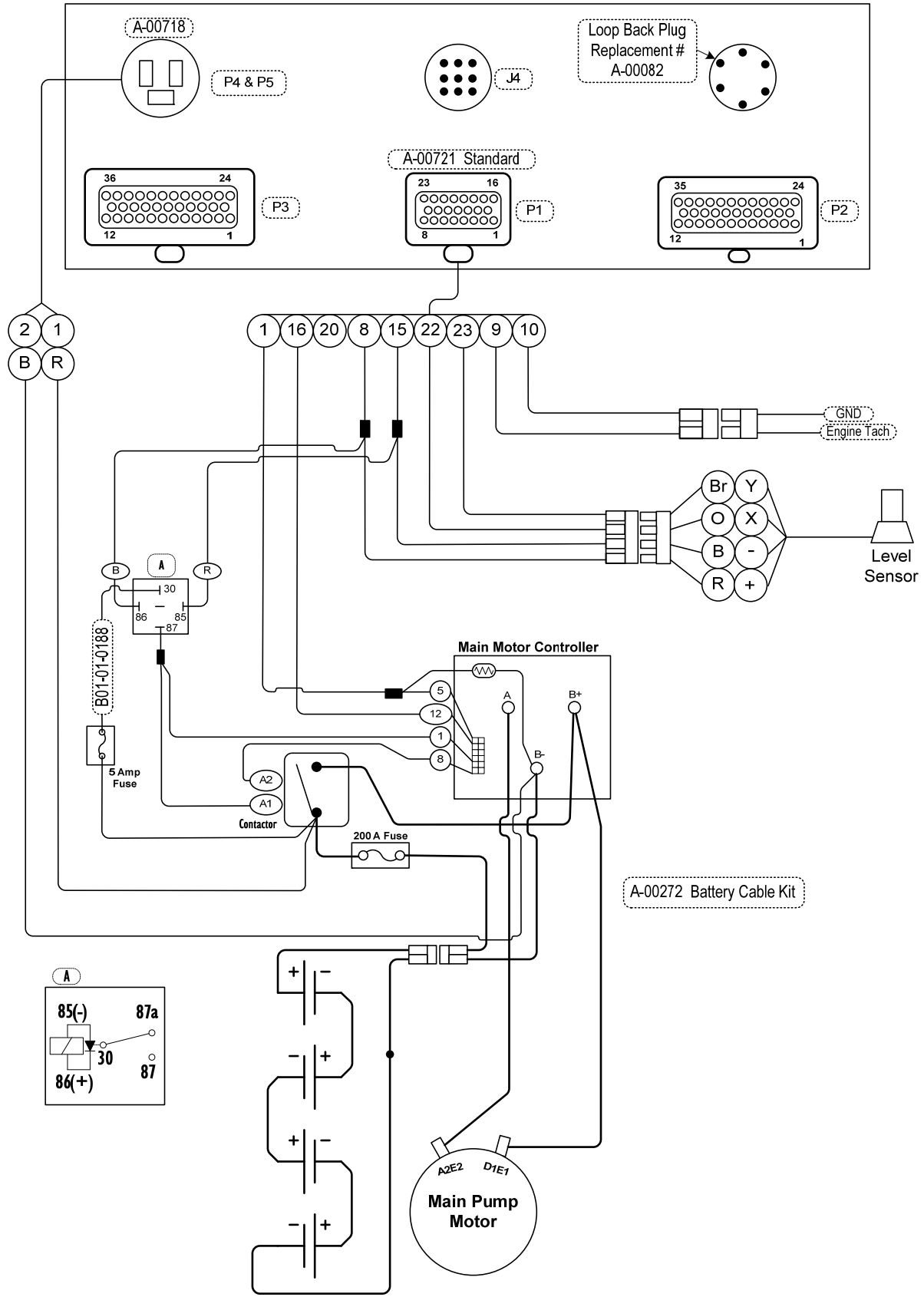


3.2 ELECTRICAL SCHEMATICS - CE

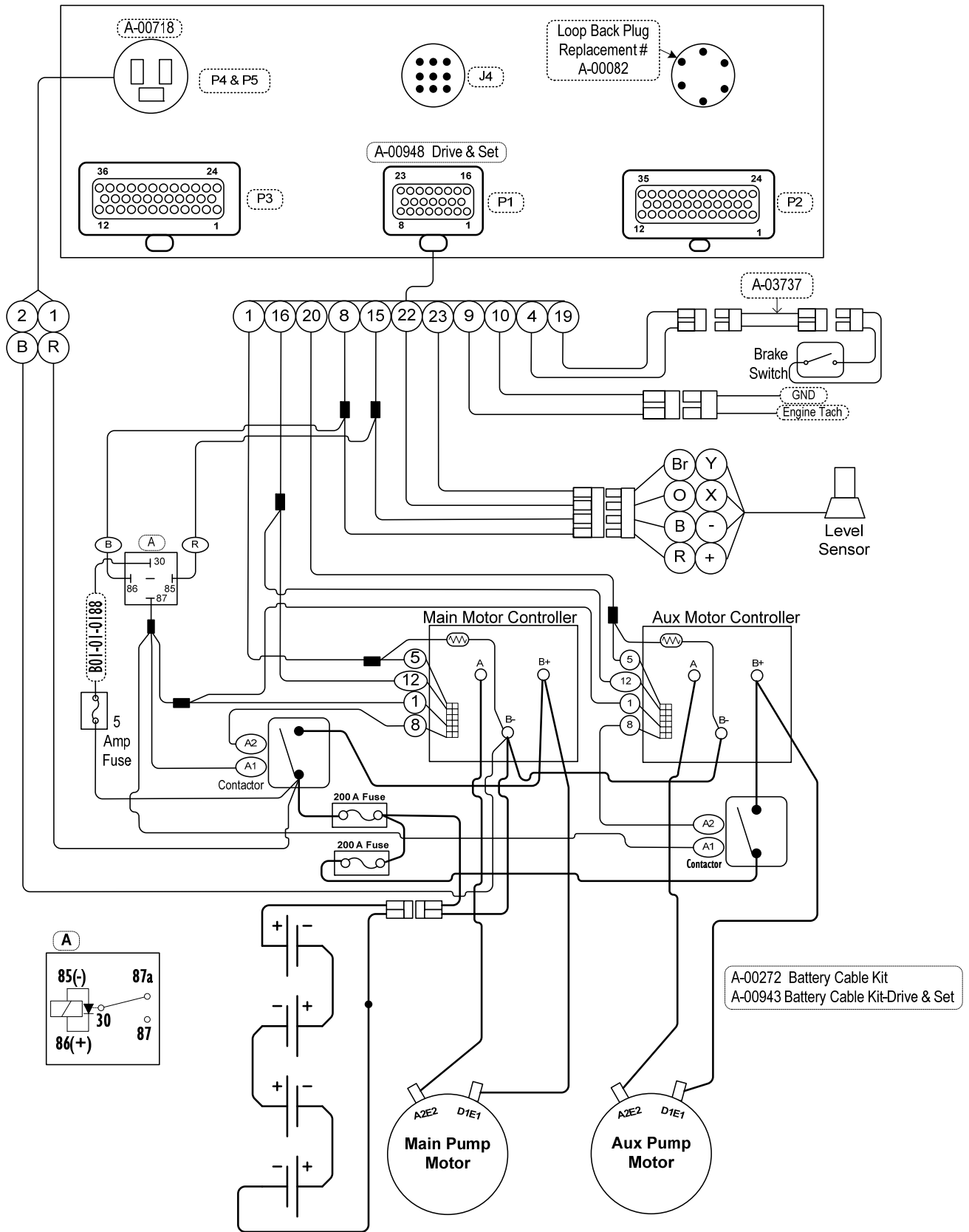
4527A / HTA 16 P ELECTRICAL SCHEMATIC - ELECTRICAL - CE



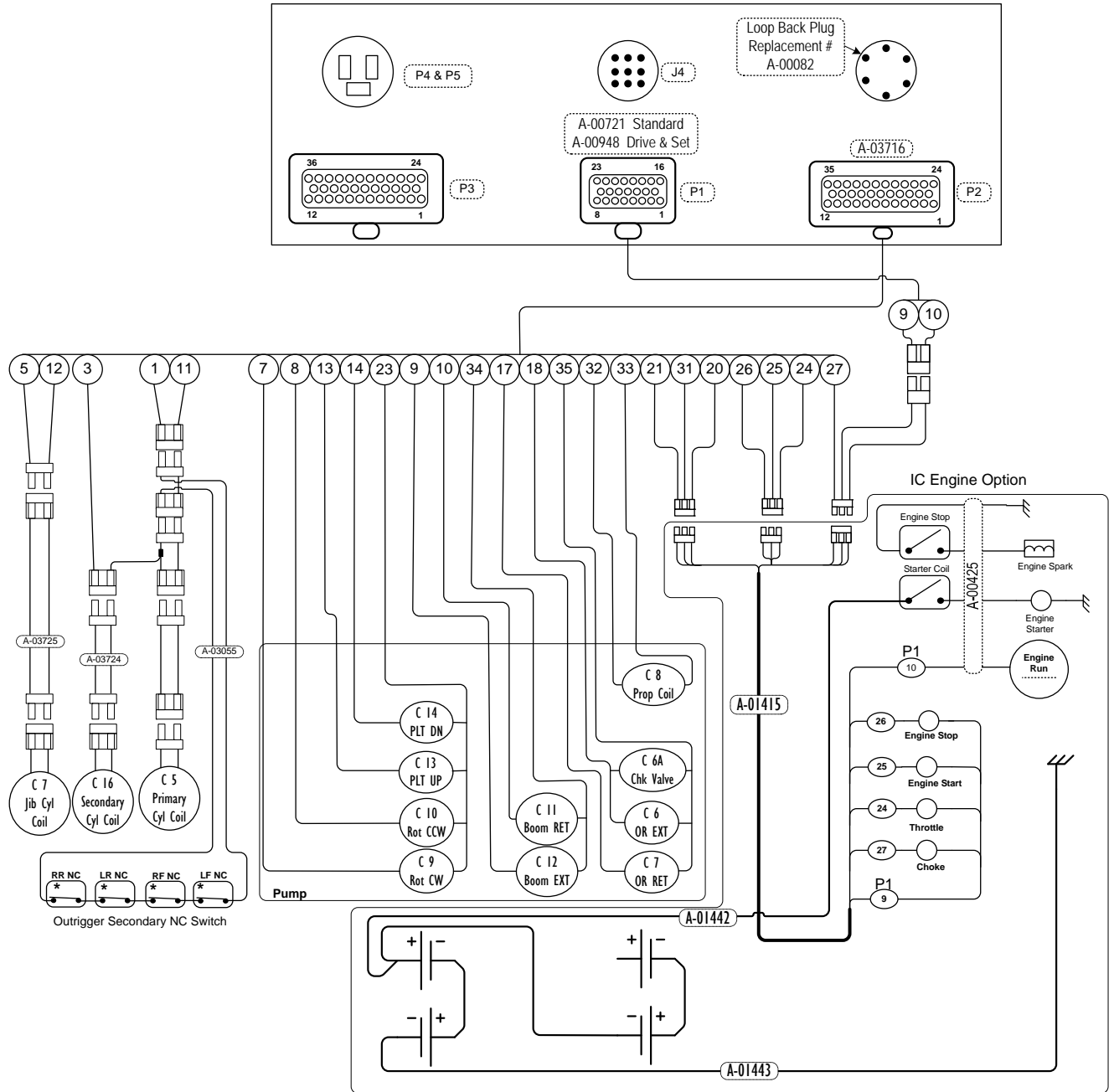
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - CE



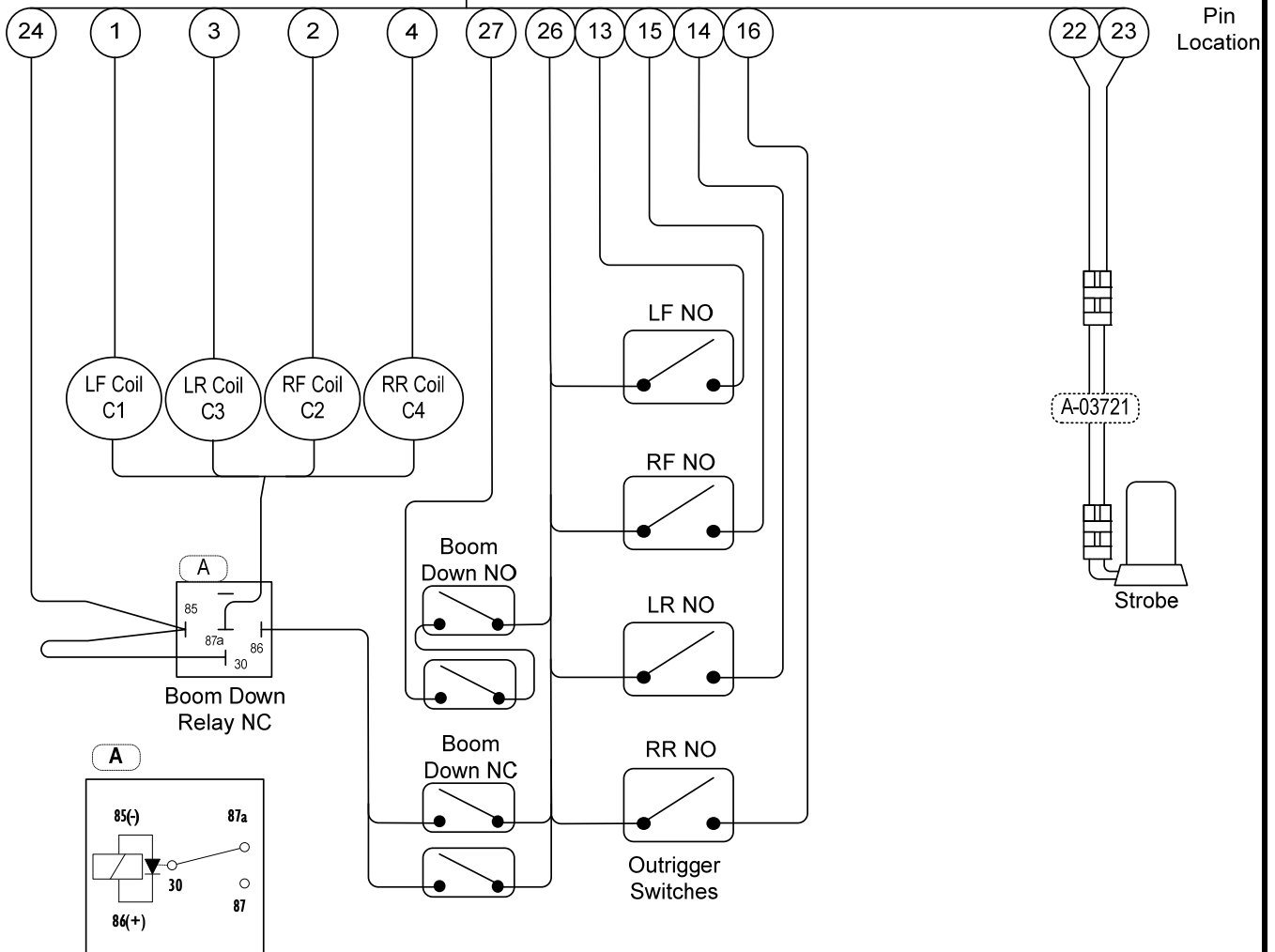
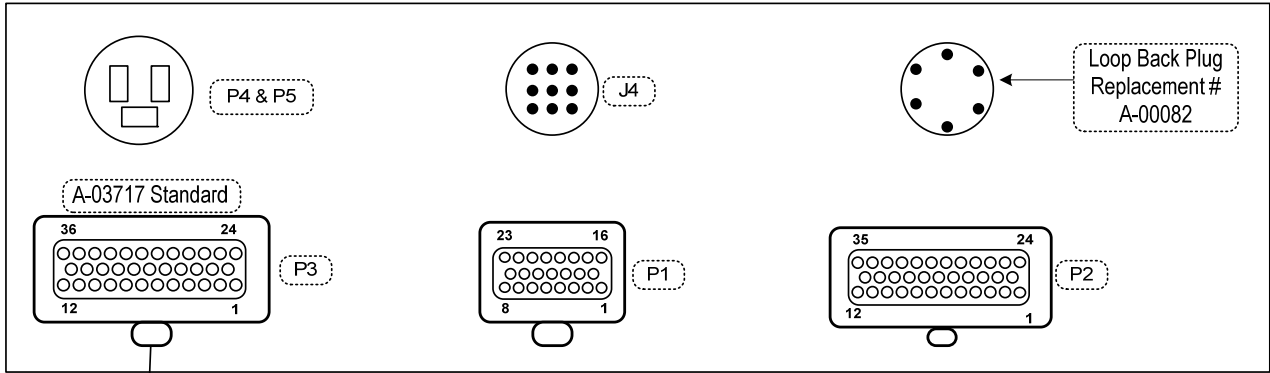
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - CE



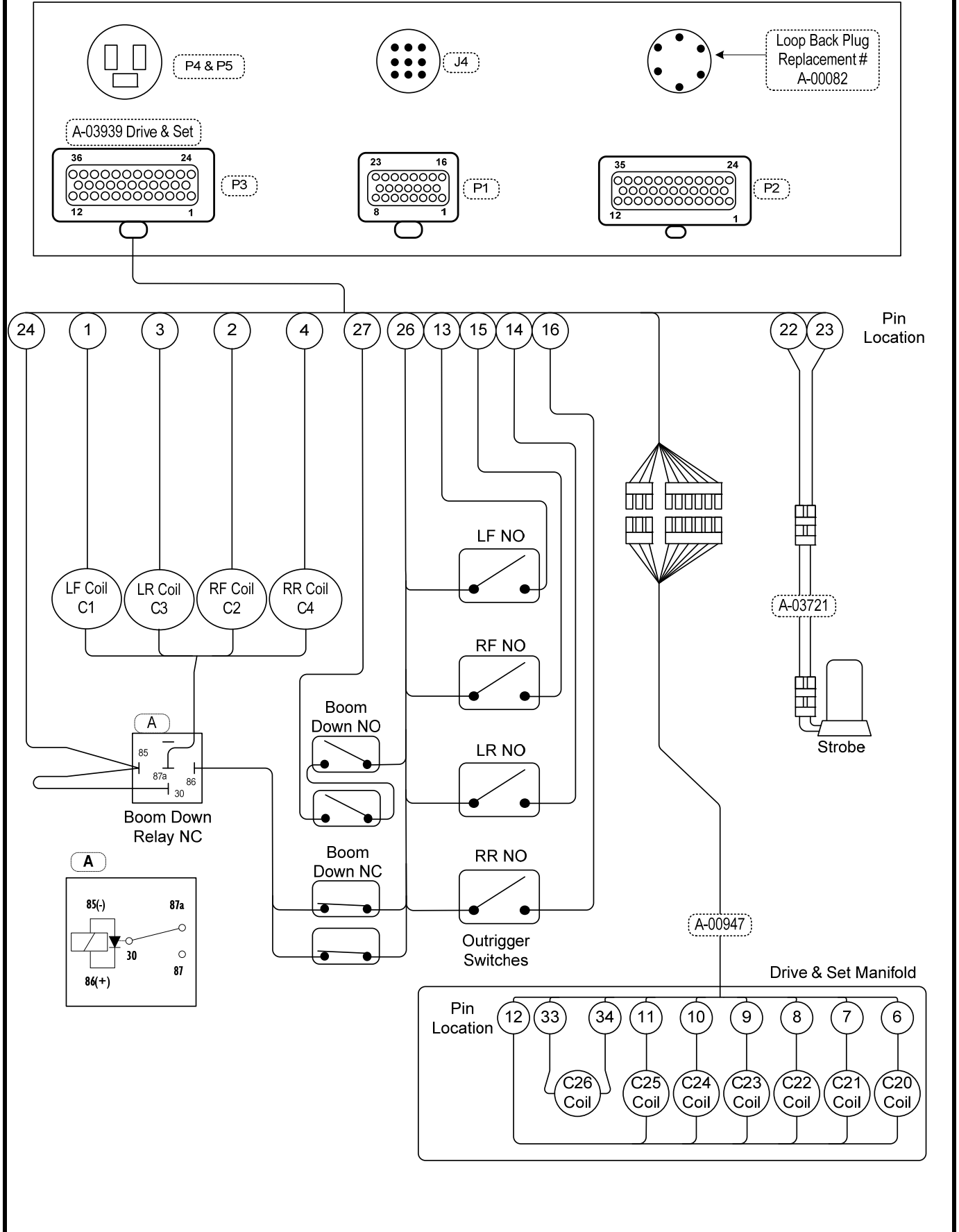
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - CE



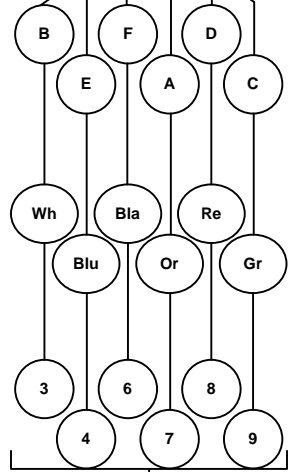
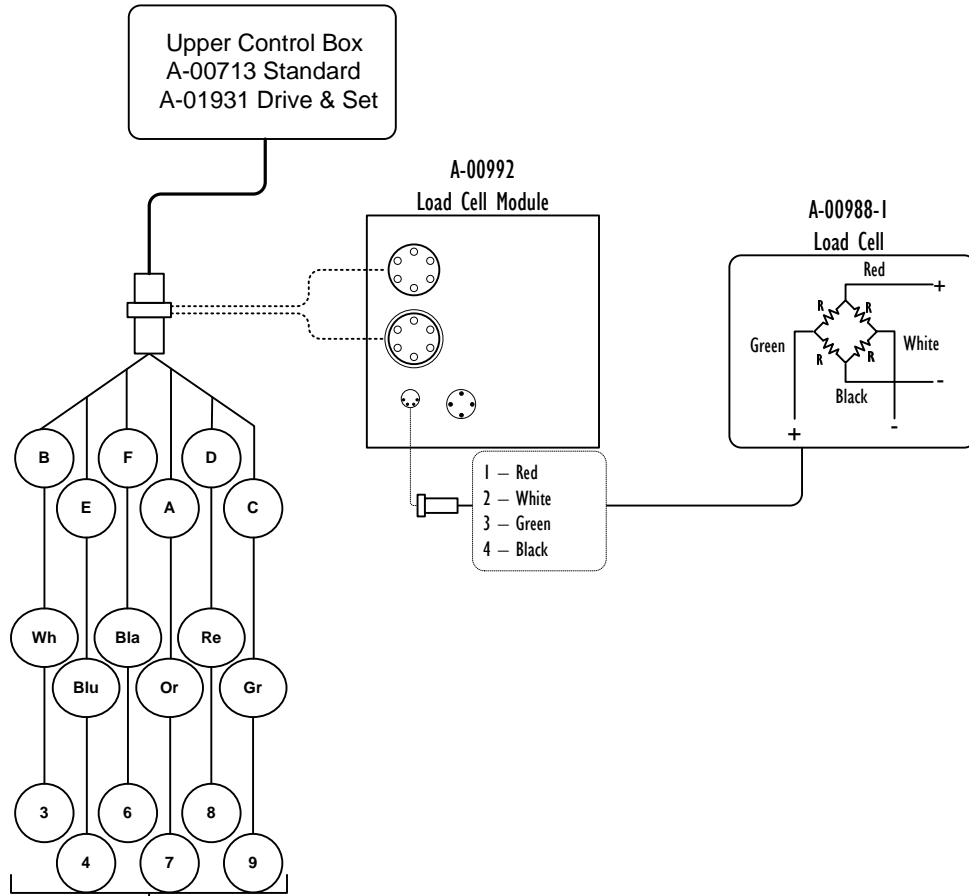
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - CE



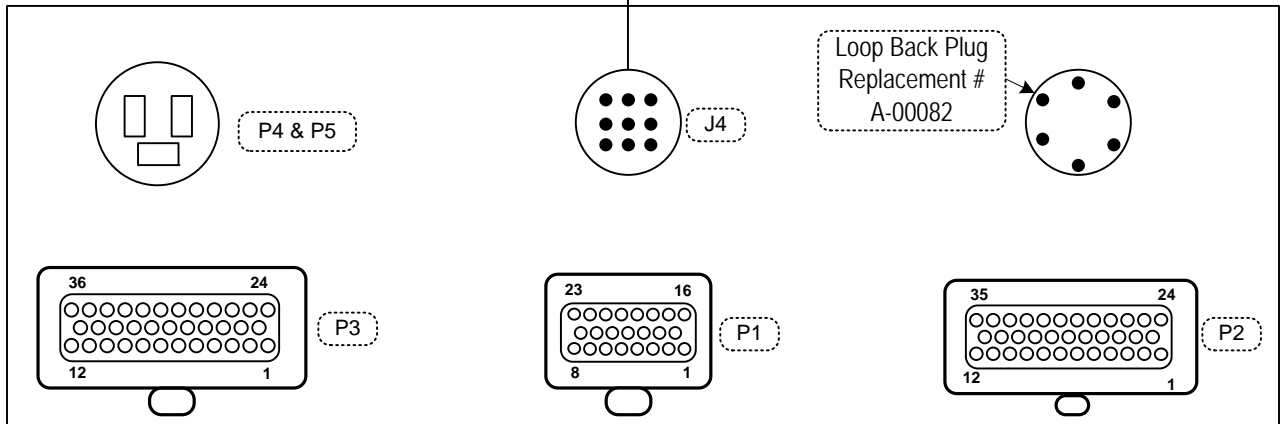
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - CE



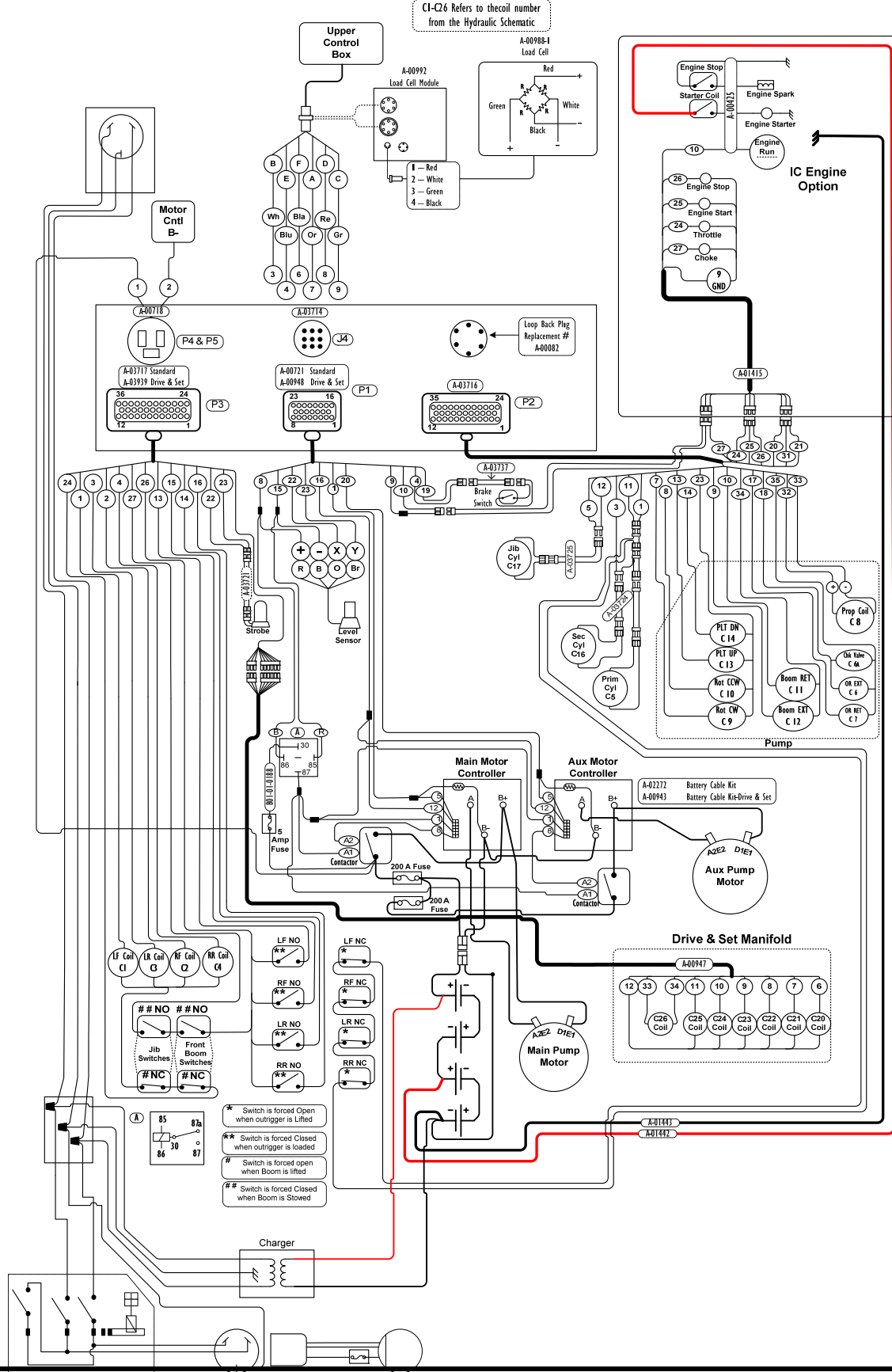
4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - CE



A-03714

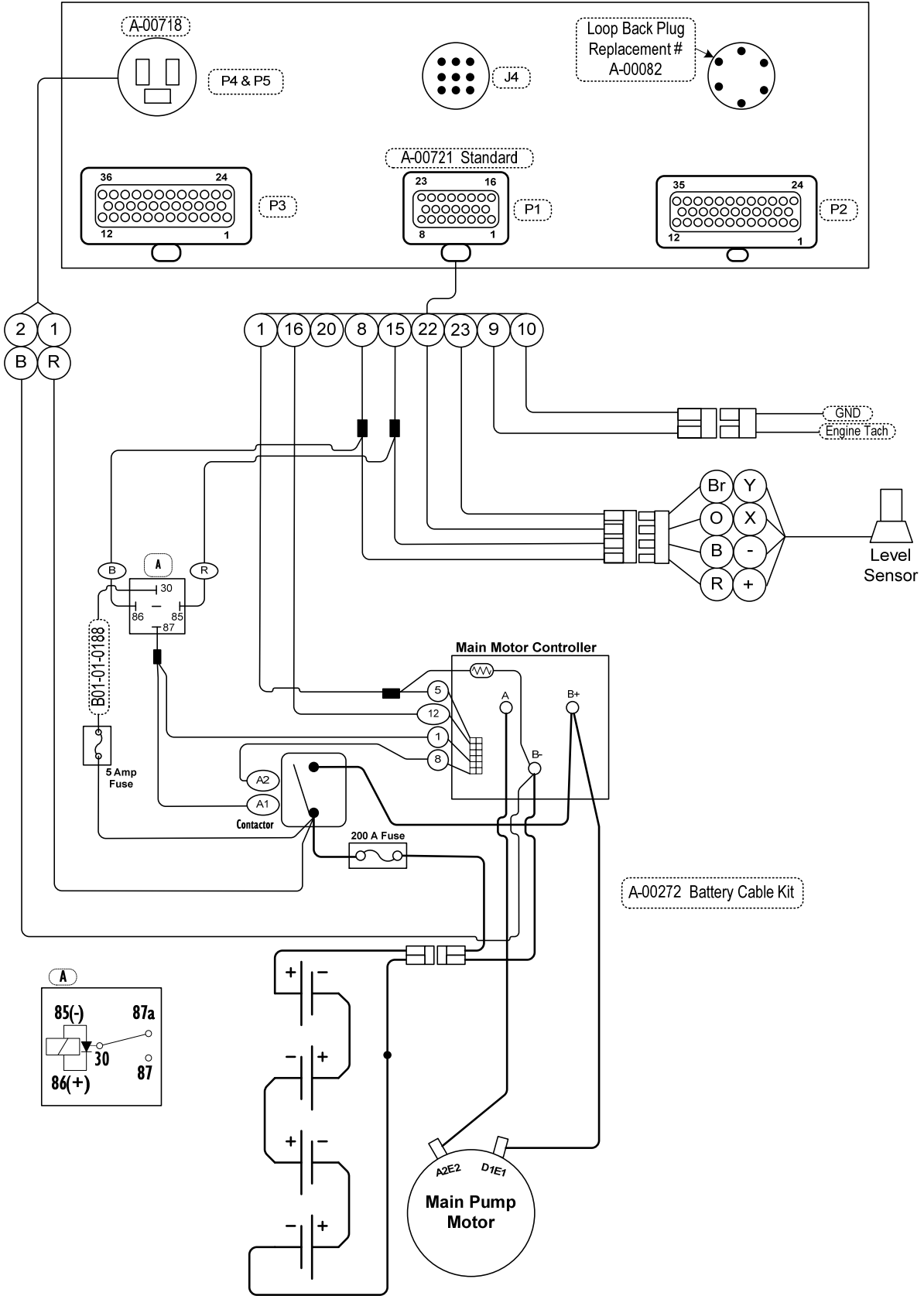


3.3 ELECTRICAL SCHEMATICS - AU 4527A / HTA 16 P ELECTRICAL SCHEMATIC – ELECTRICAL - AU

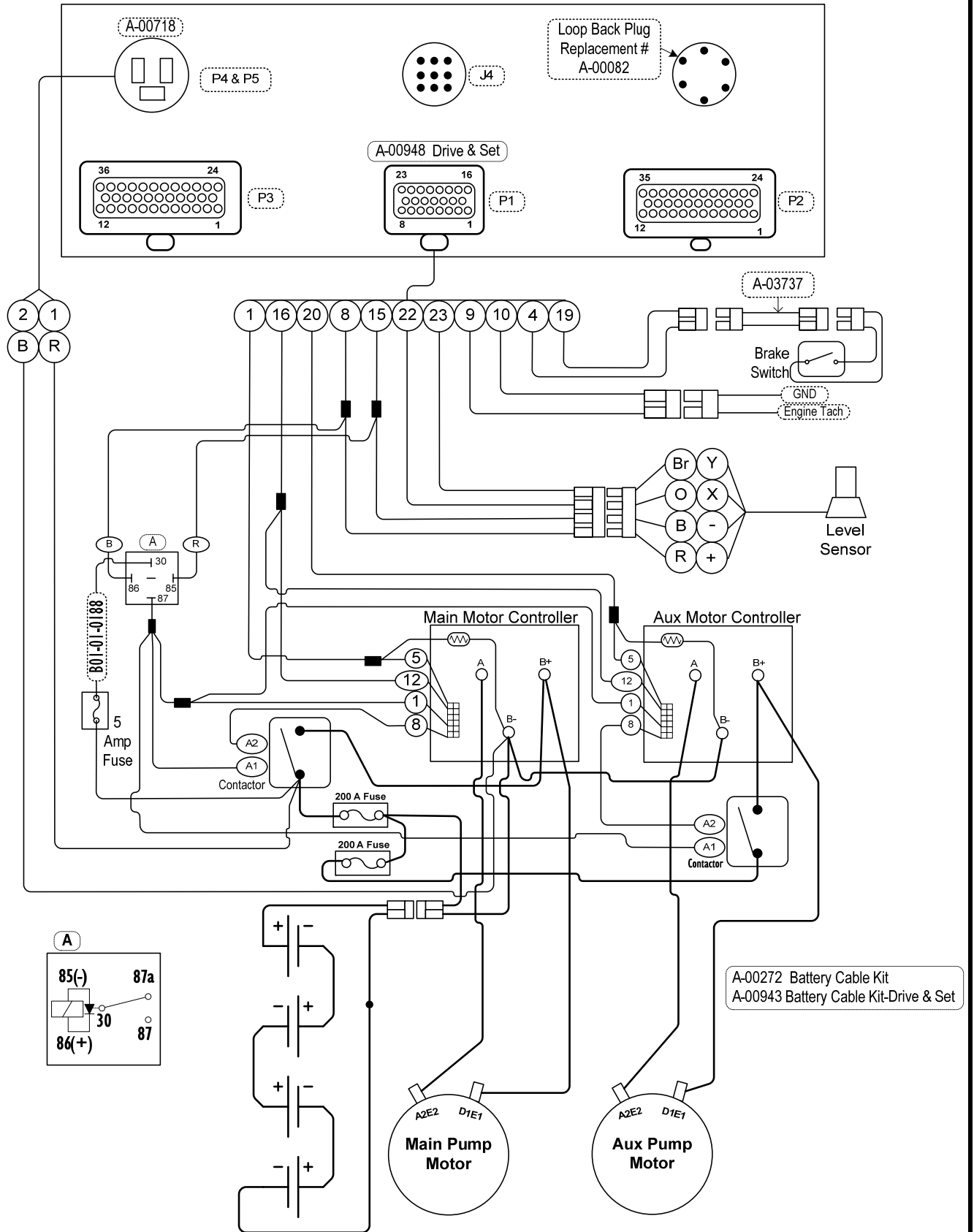


Generator

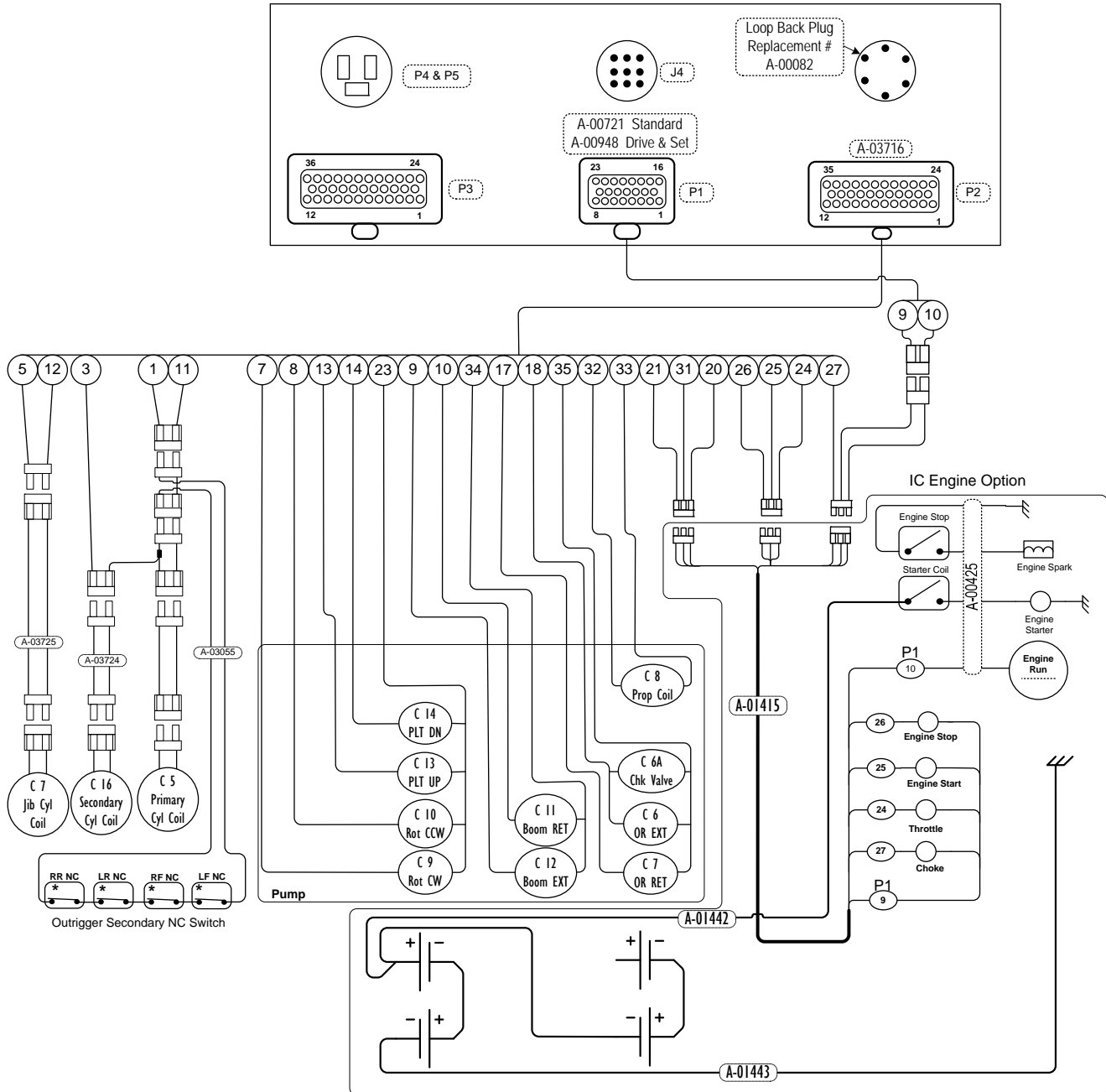
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 STANDARD - AU



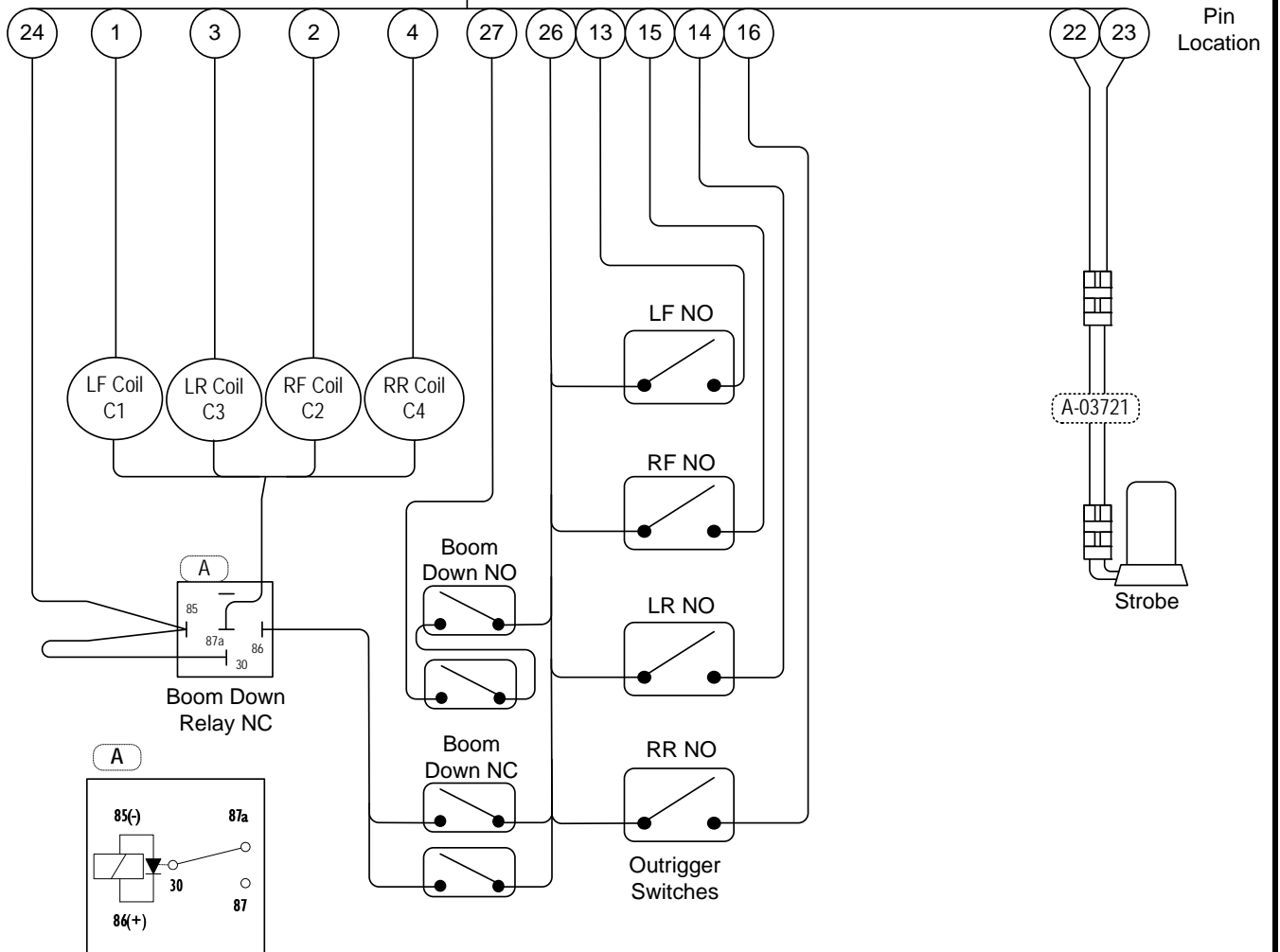
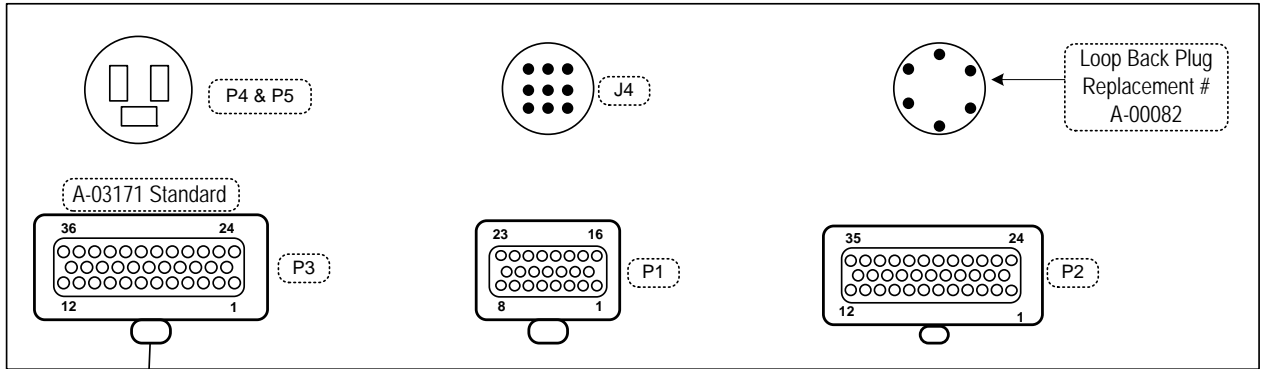
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P1 & P4 DRIVE & SET OPTION - AU



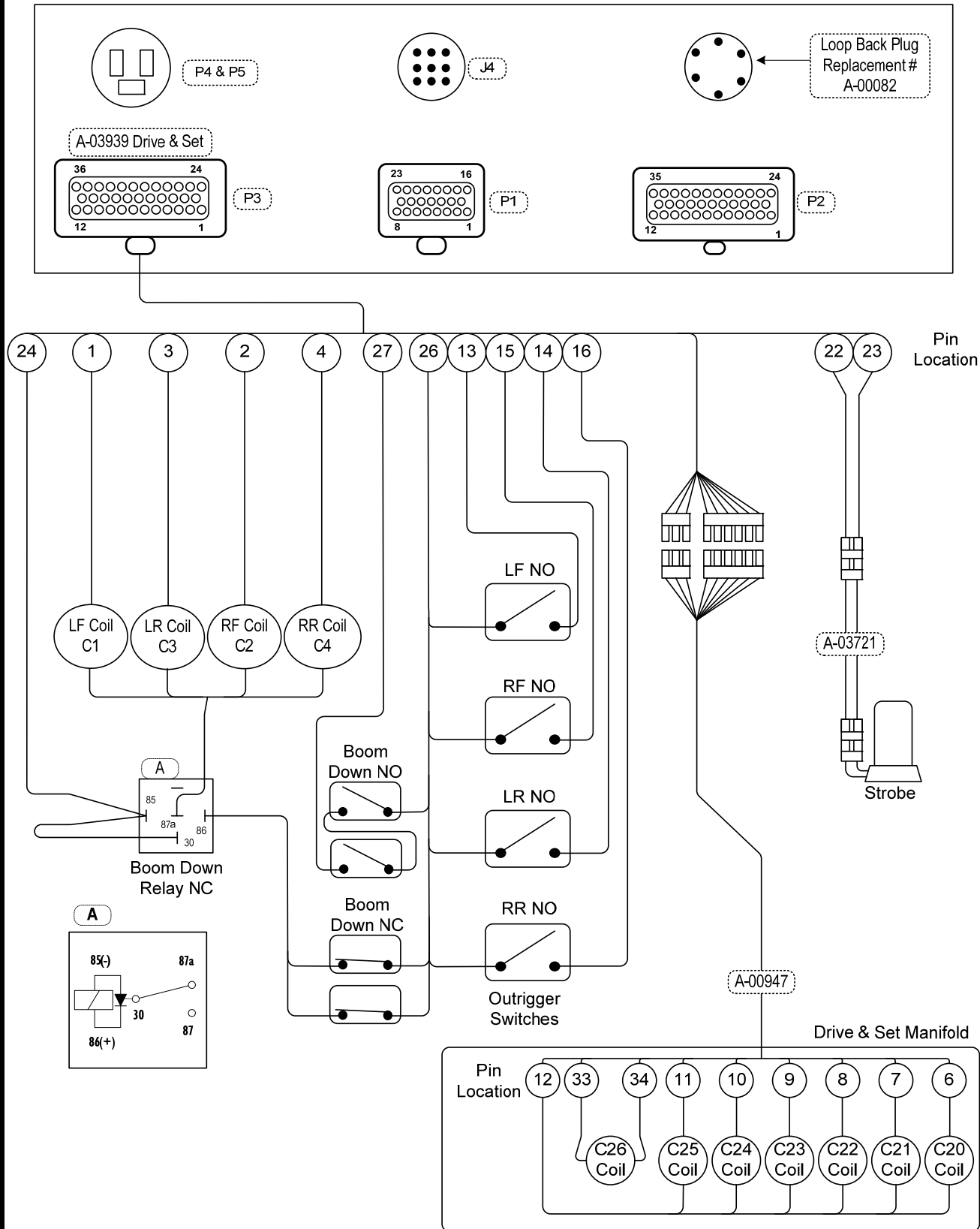
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P2 - AU



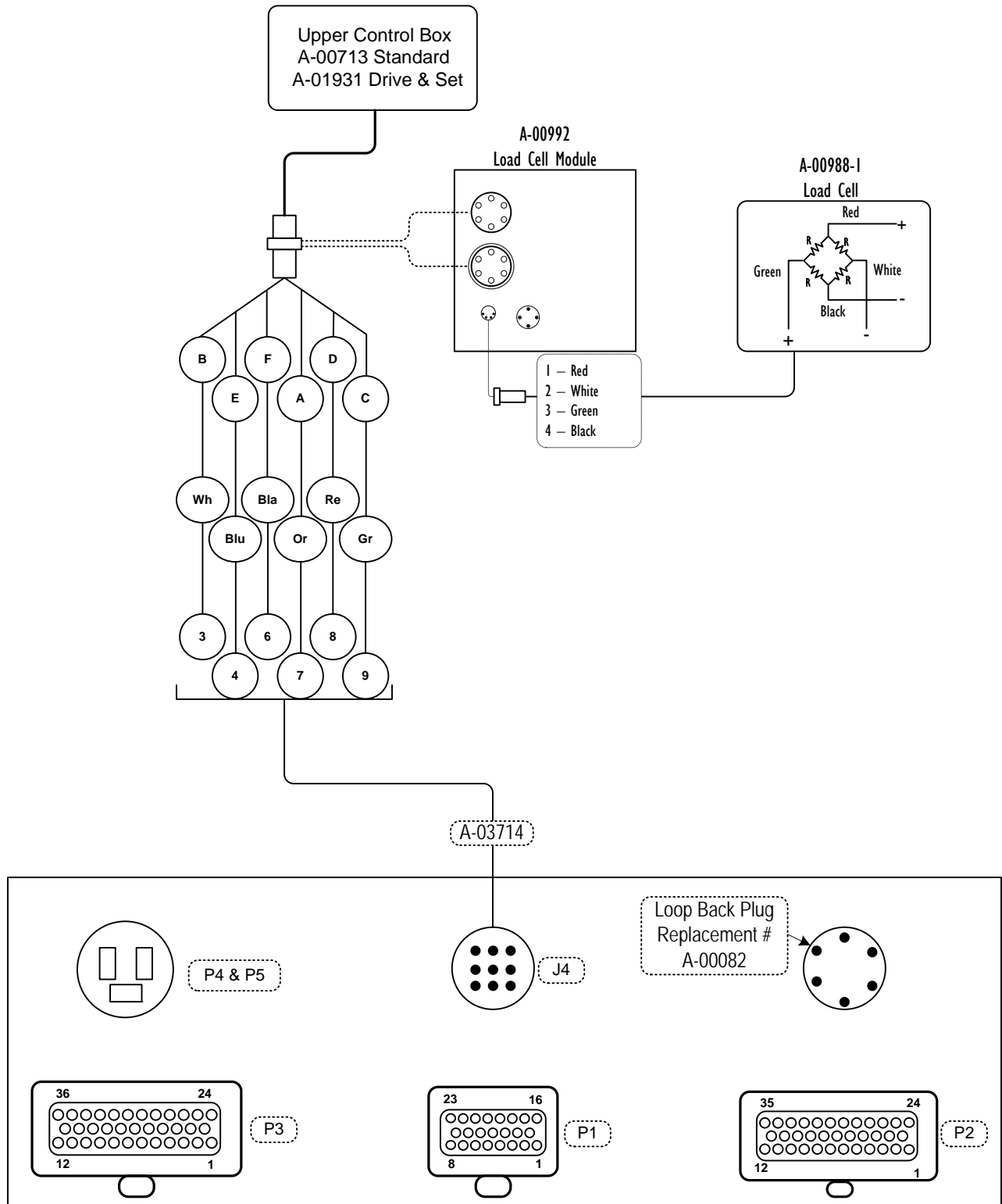
4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 - AU



4527A / HTA 16 P ELECTRICAL SCHEMATIC - P3 DRIVE & SET OPTION - AU

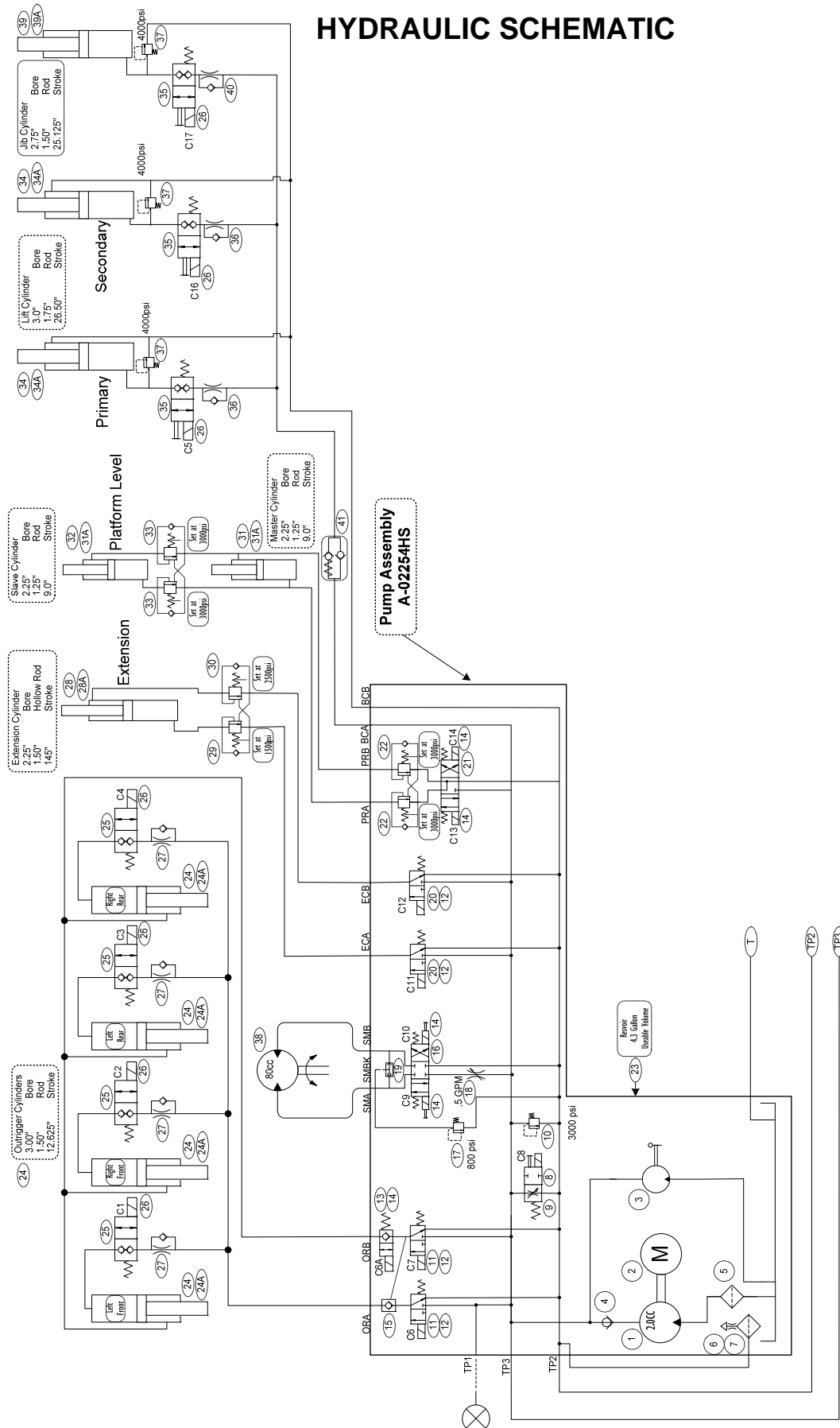


4527A / HTA 16 P ELECTRICAL SCHEMATIC - J4 - AU



3.4 HYDRAULIC SCHEMATICS - ANSI, CE & AU

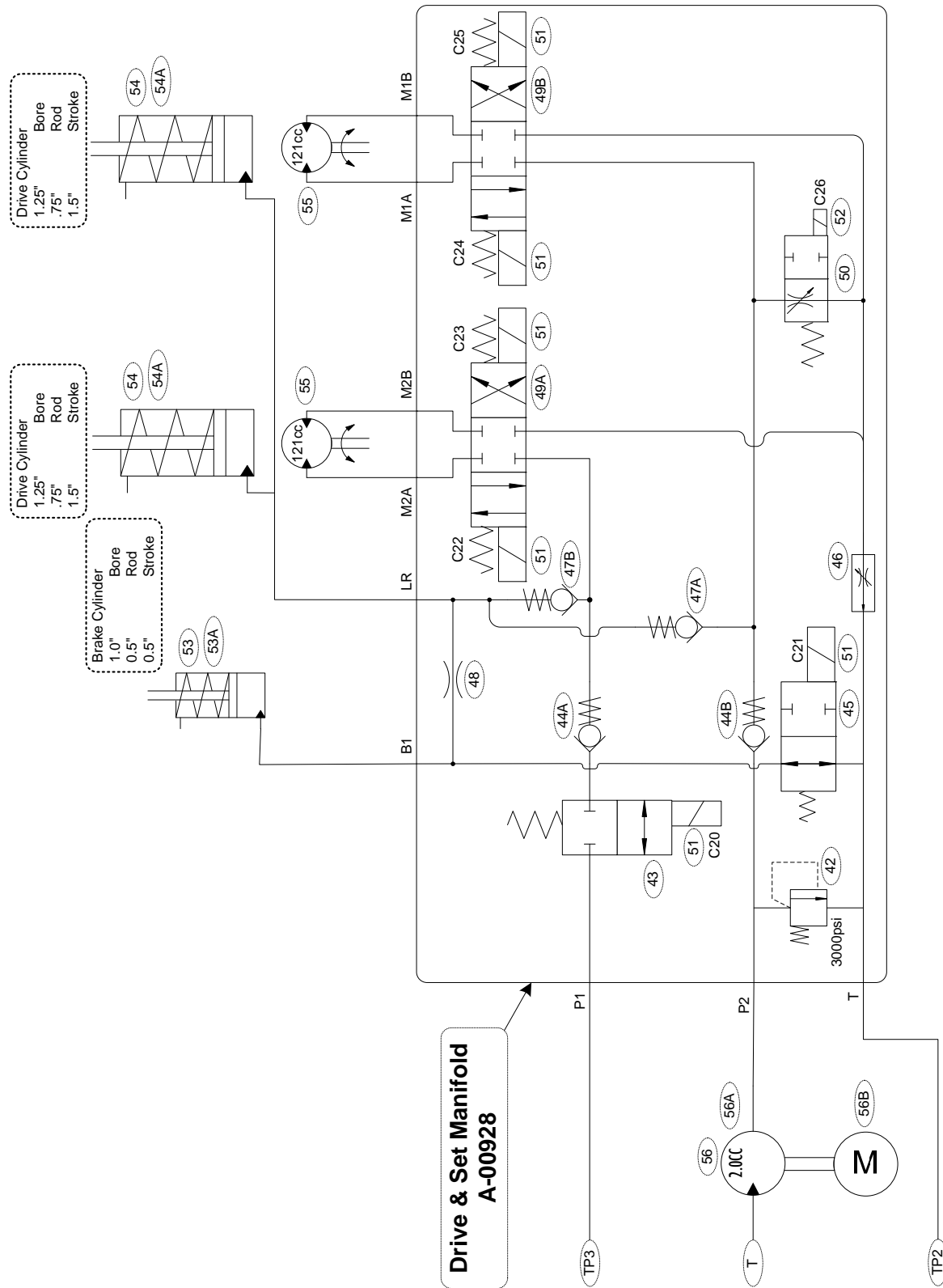
HYDRAULIC SCHEMATIC



HYDRAULIC SCHEMATIC

ITEM NO.	PART NUMBER	DESCRIPTION
1	B02-15-0470	Pump - Gear 2.0cc / Rev
2	B02-15-0471	Motor, 24 Volt DC 3KW 3300 rpm
3	B02-15-0472	Pump, Hand .5cc / Pump
4	B02-14-0091	Valve, Check
5	B02-15-0480	Strainer, Suction
6	B02-15-0501	Filter & Housing
7	B02-00-0070	Filter, Replacement
8	B02-14-0094L	Valve, Prop
9	B02-14-0095	Coil, Prop
10	B02-14-0111	Valve, Relief - Set at 3000 psi
11	B02-14-0109	Valve, Outrigger - Pump
12	B02-14-0113	Coil 20 Volt DC
13	B02-14-0089	Valve, Check - Outrigger - Pump
14	B02-14-0112	Coil 20 Volt DC
15	B02-14-0110	Valve, Check - PO
16	B02-14-0099	Valve, Cart - Rotate
17	B02-14-0097	Valve, Relief 800 psi - Rotate
18	B02-14-0114	Valve, Flow Control
19	B02-14-0098	Valve, Shuttle
20	B02-14-0108	Valve, Cart - Extend Cylinder
21	B02-14-0101	Valve, Cart - Basket Level
22	B02-14-0100	Valve, Counter Balance
23	B02-15-0513	Reservoir, 4.3 Gallon Capacity Useable
24	A-00138	Cylinder, Outrigger
24A	B02-13-0129	Seal Kit
25	B02-04-0118	Valve
26	B01-08-0022	Coil, 20 Volt DC
27	B02-14-0087	Orifice disc - .037
28	A-03550	Cylinder, Extension
28A	B02-13-0164	Seal Kit
29	B02-04-0105	Valve, Counter Balance - CABG-LHN
30	B02-04-0106	Valve, Counter Balance - CBCA-LGN
31	A-01552	Cylinder, Master
31A	B02-13-0150	Seal Kit, For A-01552 & A-01553
32	A-01553	Cylinder, Slave
32A	B02-04-0095	Valve, Counter Balance - CABG-LHN
33	A-02551	Cylinder Lift
34	B02-13-0162	Seal Kit
34A	B02-04-0119	Valve
35	B02-13-0148	Orifice - .056
36	B02-04-0109	Relief, Thermal - Set at 4000 psi
37	B02-06-0018	Slew Drive, 80CC
38	A-00660	Jib Cylinder
39	B02-13-0152	Seal Kit
40	B02-13-0147	Orifice - .045

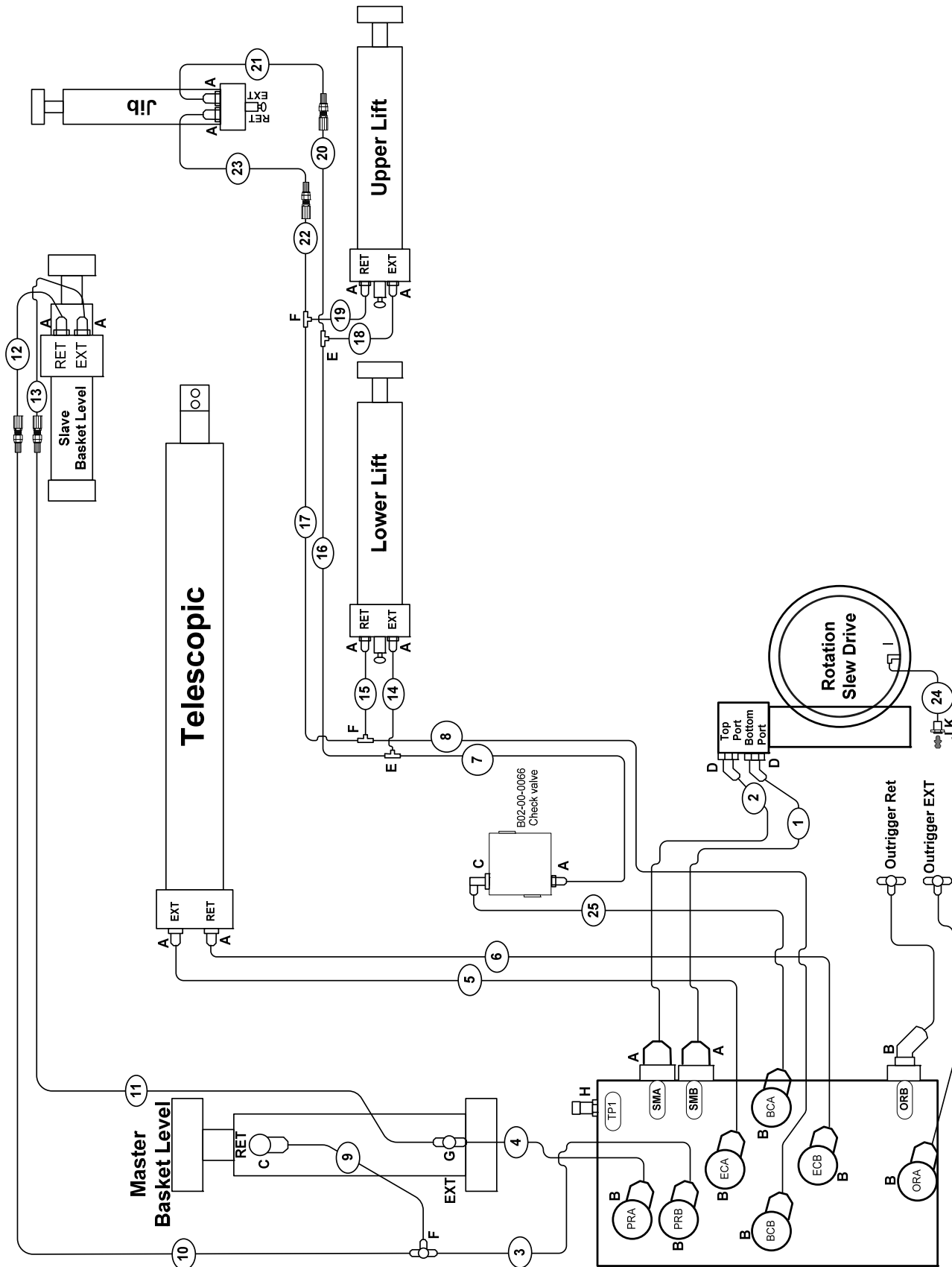
HYDRAULIC SCHEMATIC FOR DRIVE & SET OPTION



HYDRAULIC SCHEMATIC FOR DRIVE & SET OPTION

ITEM NO.	PART NUMBER	DESCRIPTION
41	B02-00-0066	Valve
42	B02-15-0515	Valve, Pressure Relief - 3000 PSI
43	B02-15-0516	Valve, Cart NC
44A & 44B	B02-14-0092	Valve, Check
45	B02-15-0518	Valve, Cart NO
46	B02-15-0519	Valve, Flow Control
47A & 47B	B02-15-0520	Valve, Check
48	B02-15-0521	Orifice - 1.0 mm
49A & 49B	B02-15-0522	Valve, Directional
50	B02-15-0523	Valve, Prop NO
51	B02-15-0525	Coil, 20 Volt DC Deutsch Connector
52	B02-15-0524	Coil, 20 Volt DC Deutsch Connector - Prop valve
53	A-00930	Cylinder, Brake Release
53A	B02-13-0157	Seal Kit
54	A-00906	Cylinder, Drive and Set
54A	B02-13-0153	Seal Kit
55	A-00915	Motor, Hydraulic - 121cc
56	A-00235	Auxiliary Pump
56A	B02-15-0529	Pump, Gear - 2.0cc / Rev
56B	B02-15-0528	Motor, 24 Volt DC - 3KW - 3300 rpm

A-03269 HYDRAULIC HOSE LAYOUT - BOOM



HYDRAULIC HOSE LAYOUT - BOOM

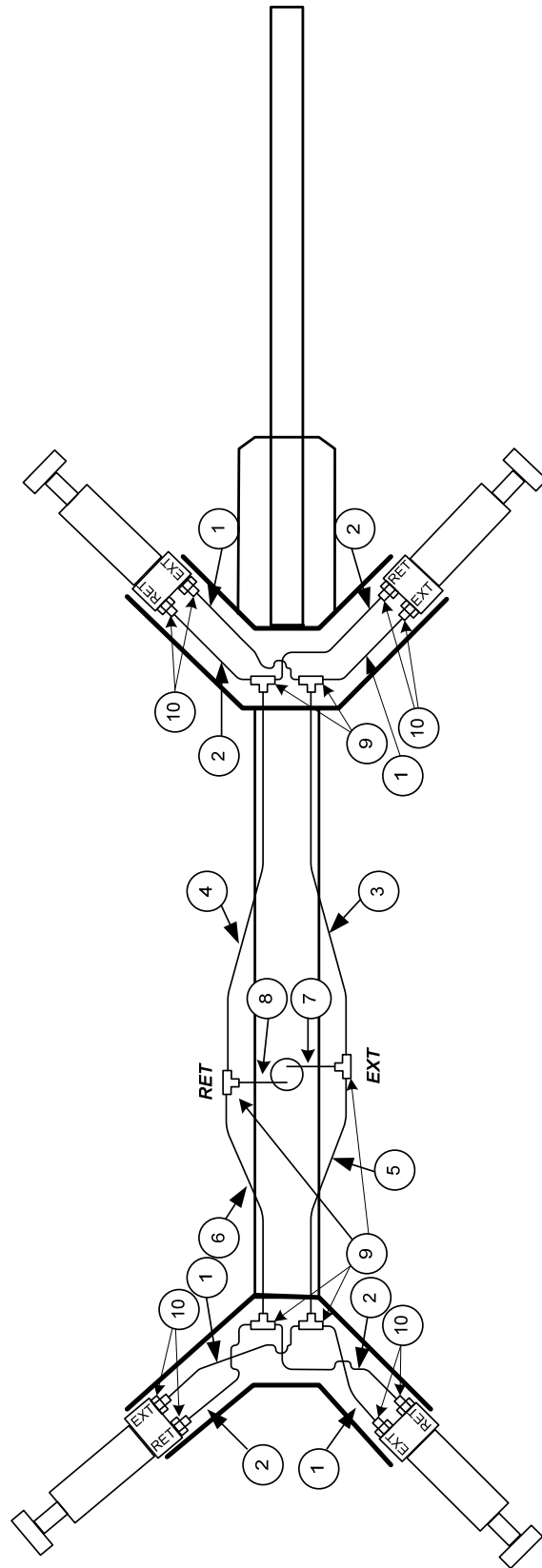
A-03269 HYDRAULIC HOSE KIT- BOOM - HOSES

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B02-01-0281	# 4 x 36" Hydraulic Hose	1
2	B02-01-0280	# 4 x 36" Hydraulic Hose	1
3	B02-01-0313	# 4 x 204" Hydraulic Hose	1
4	B02-01-0314	# 4 x 204" Hydraulic Hose	1
5	B02-01-0315	# 6 x 237" Hydraulic Hose	1
6	B02-01-0316	# 6 x 237" Hydraulic Hose	1
7	B02-01-0289B	# 6 x 20" Hydraulic Hose	1
8	B02-01-0290	# 4 x 20" Hydraulic Hose	1
9	B02-01-0291	# 4 x 15" Hydraulic Hose	1
10	B02-01-0320	# 4 x 310" Hydraulic Hose	1
11	B02-01-0321	# 4 x 310" Hydraulic Hose	1
12	B02-01-0234	# 4 x 20" Hydraulic Hose	1
13	B02-01-0235	# 4 x 20" Hydraulic Hose	1
14	B02-01-0294	# 6 x 20" Hydraulic Hose	1
15	B02-01-0295	# 4 x 20" Hydraulic Hose	1
16	B02-01-0322	# 6 x 183" Hydraulic Hose	1
17	B02-01-0323	# 4 x 183" Hydraulic Hose	1
18	B02-01-0298	# 6 x 20" Hydraulic Hose	1
19	B02-01-0299	# 4 x 20" Hydraulic Hose	1
20	B02-01-0324	# 4 x 320" Hydraulic Hose	1
21	B02-01-0301	# 4 x 60" Hydraulic Hose	1
22	B02-01-0346	# 4 x 320" Hydraulic Hose	1
23	B02-01-0343	# 4 x 60" Hydraulic Hose	1
24	B02-01-0282	# 2 x 20" Hydraulic Hose	1
25	B02-01-0340	# 6 x 16" Hydraulic Hose	1

A-03269F HYDRAULIC HOSE KIT- BOOM - FITTINGS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	B02-02-0259	# 6 MORFS - # 6 MORB STRAIGHT	13
B	B02-02-0264	# 6 MORFS - # 6MORB 45°	8
C	B02-02-0260	# 6 MORFS - # 6 MORB 90°	2
D	B02-02-0262	# 8 MORFS - # 10 MORB 45°	2
E	B02-02-0258	# 6 MORFS TEE	2
F	B02-02-0269	# 4 MORFS TEE	3
G	B02-02-0270	# 6 MORFS - # 6 MORB - # 6 MORFS TEE	1
H	B02-02-0242	Quick Coupler, Male - # 4 MORB	1
I	B02-02-0317	#2 MNPT - #2 FMNPT 90°	1
J	B02-00-0081	Zerk Grease	1
K	B02-00-0082	Hex Nut with Nylon Insert, #2	1

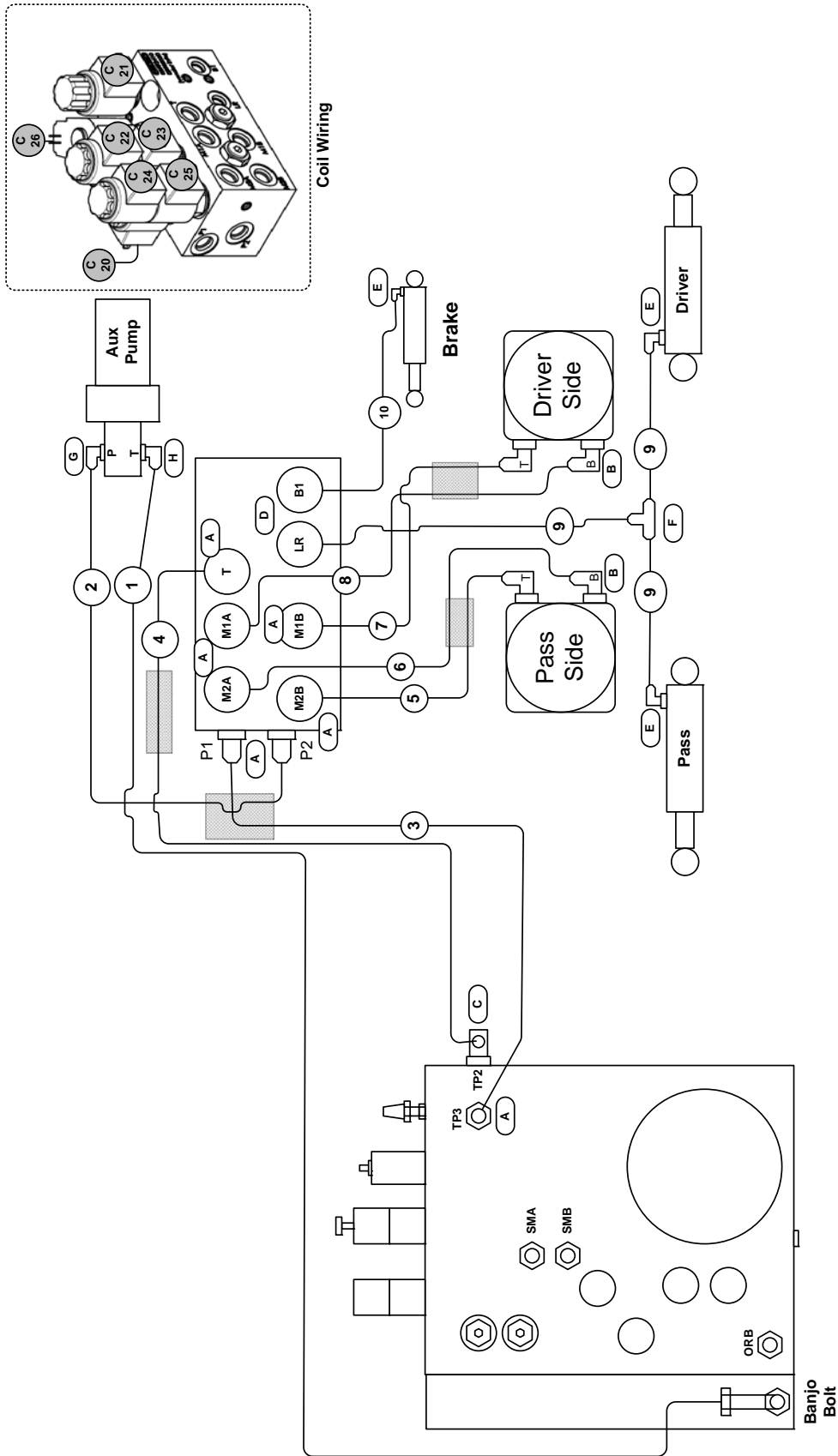
A-03182 HYDRAULIC HOSE LAYOUT - TRAILER



A-03182 HYDRAULIC HOSE LAYOUT – TRAILER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B02-01-0213	# 4 x 28" Hydraulic Hose	4
2	B02-01-0214	# 4 x 28" Hydraulic Hose	4
3	B02-01-0215	# 6 x 56" Hydraulic Hose	1
4	B02-01-0216	# 6 x 56" Hydraulic Hose	1
5	B02-01-0219	# 6 x 28" Hydraulic Hose	1
6	B02-01-0220	# 6 x 28" Hydraulic Hose	1
7	B02-01-0327	# 6 x 46" Hydraulic Hose	1
8	B02-01-0328	# 6 x 46" Hydraulic Hose	1
9	B02-01-0258	# 6 MORFS TEE	6
10	B02-01-0259	# 6 MORFS - # 6 MORB STRAIGHT	11

A-03938 HYDRAULIC HOSE LAYOUT FOR DRIVE & SET OPTION

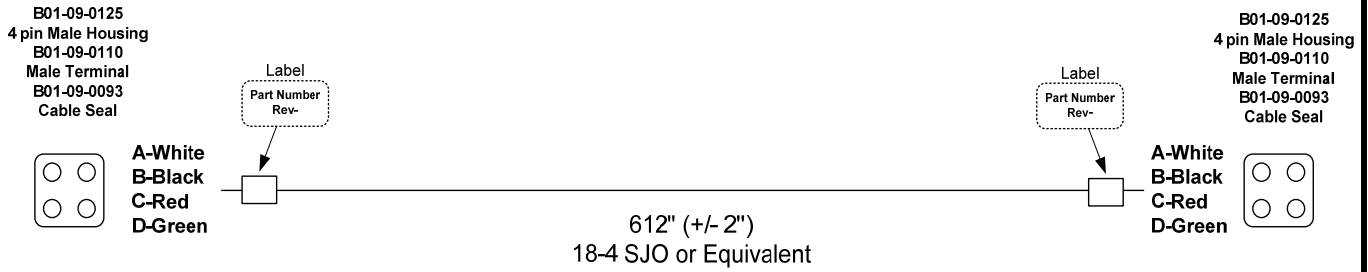


A-03938 HYDRAULIC HOSE LAYOUT FOR DRIVE & SET OPTION

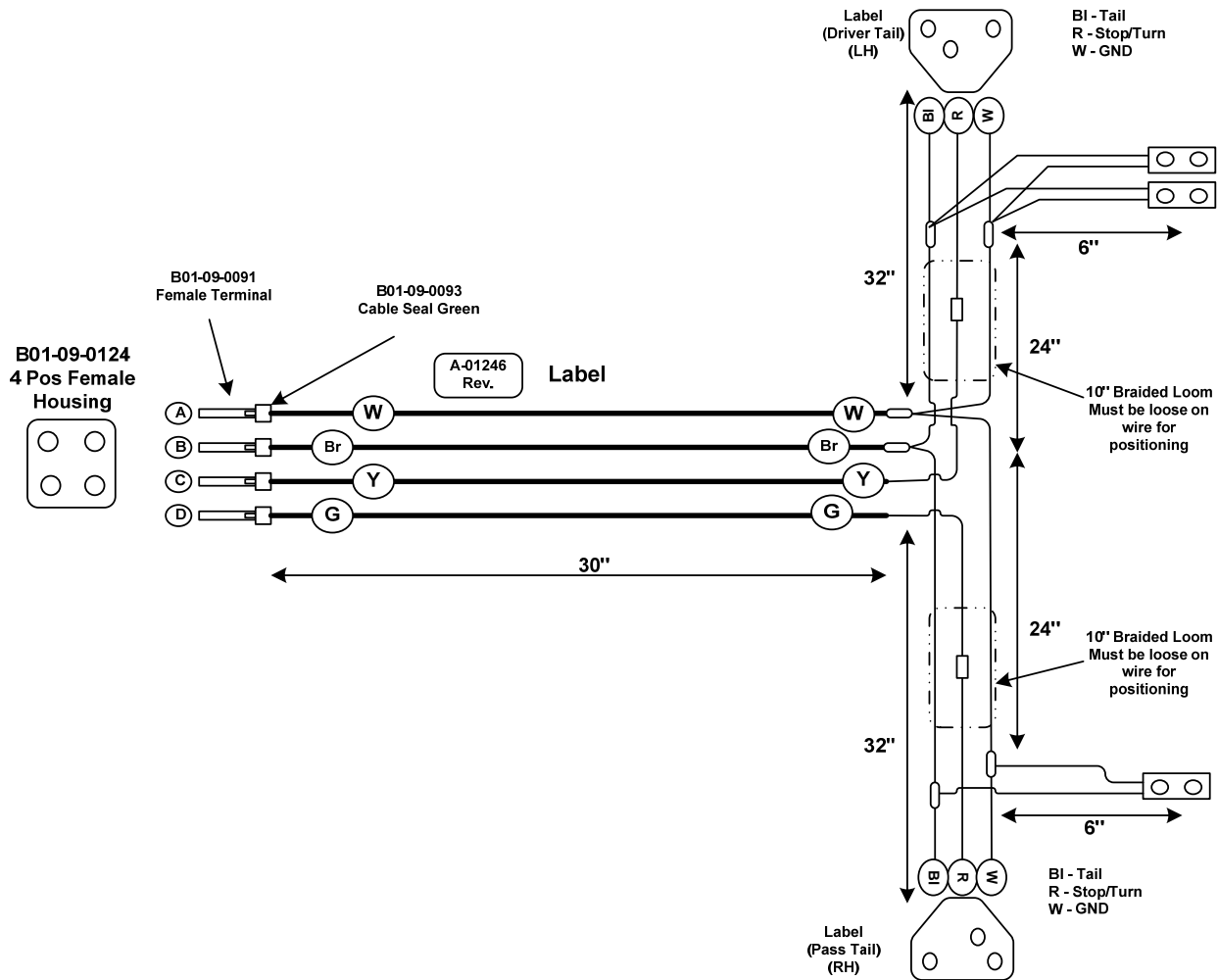
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B02-01-0353	# 8 x 28" Hydraulic Hose	1
2	B02-01-0347	# 6 x 80" Hydraulic Hose	1
3	B02-01-0348	# 6 x 90" Hydraulic Hose	1
4	B02-01-0370	# 6 x 90" Hydraulic Hose	1
5	B02-01-0365	# 6 x 69" Hydraulic Hose	1
6	B02-01-0366	# 6 x 69" Hydraulic Hose	1
7	B02-01-0361	# 6 x 26" Hydraulic Hose	1
8	B02-01-0362	# 6 x 26" Hydraulic Hose	1
9	B02-01-0376	# 4 x 32" Hydraulic Hose	3
10	B02-01-0374	# 4 x 30" Hydraulic Hose	1
A	B02-02-0259	# 6 MORFS - # 6 MORB STRAIGHT	8
B	B02-02-0285	# 6 MORFS - # 10 MORB 90°	4
C	B02-02-0260	# 6 MORFS - # 6 MORB 90°	2
D	B02-02-0287	# 4 MORFS - # 4 MORB STRAIGHT	2
E	B02-02-0288	# 4 MORFS - # 4 MORB 90°	3
F	B02-02-0289	# 4 MORFS - # 4 MORFS - # 4 MORFS TEE	1
G	B02-02-0301	M14 - # 6 MORFS 90°	1
H	B02-02-0302	M18 - # 8 MORFS 90°	1

3.5 WIRE HARNESSES, WIRE ASSEMBLIES AND KITS

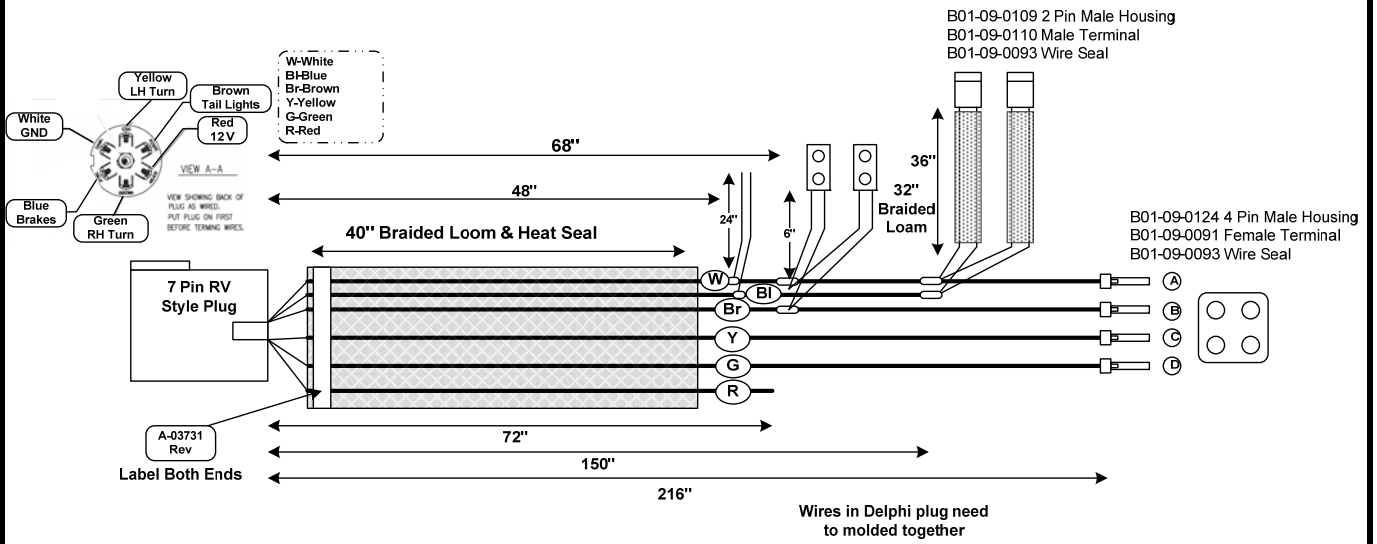
A-03723 TAIL LIGHT WIRE - ANSI



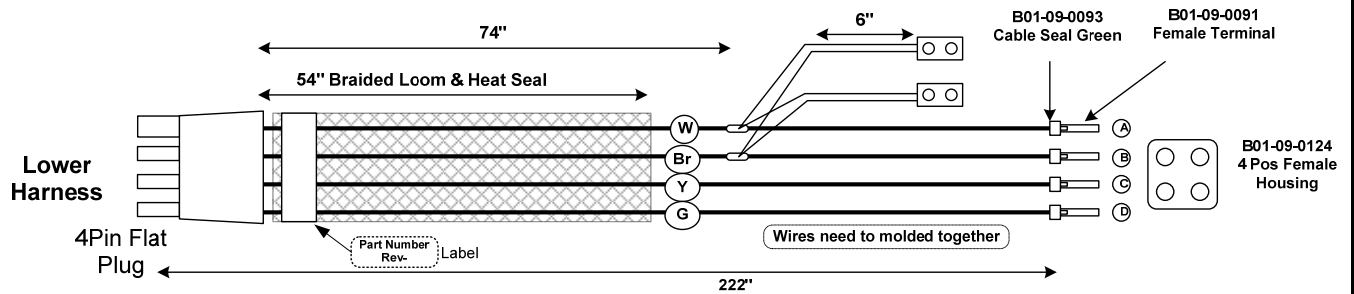
A-01246 TAIL LIGHT KIT ARTICULATING CAGE - ANSI



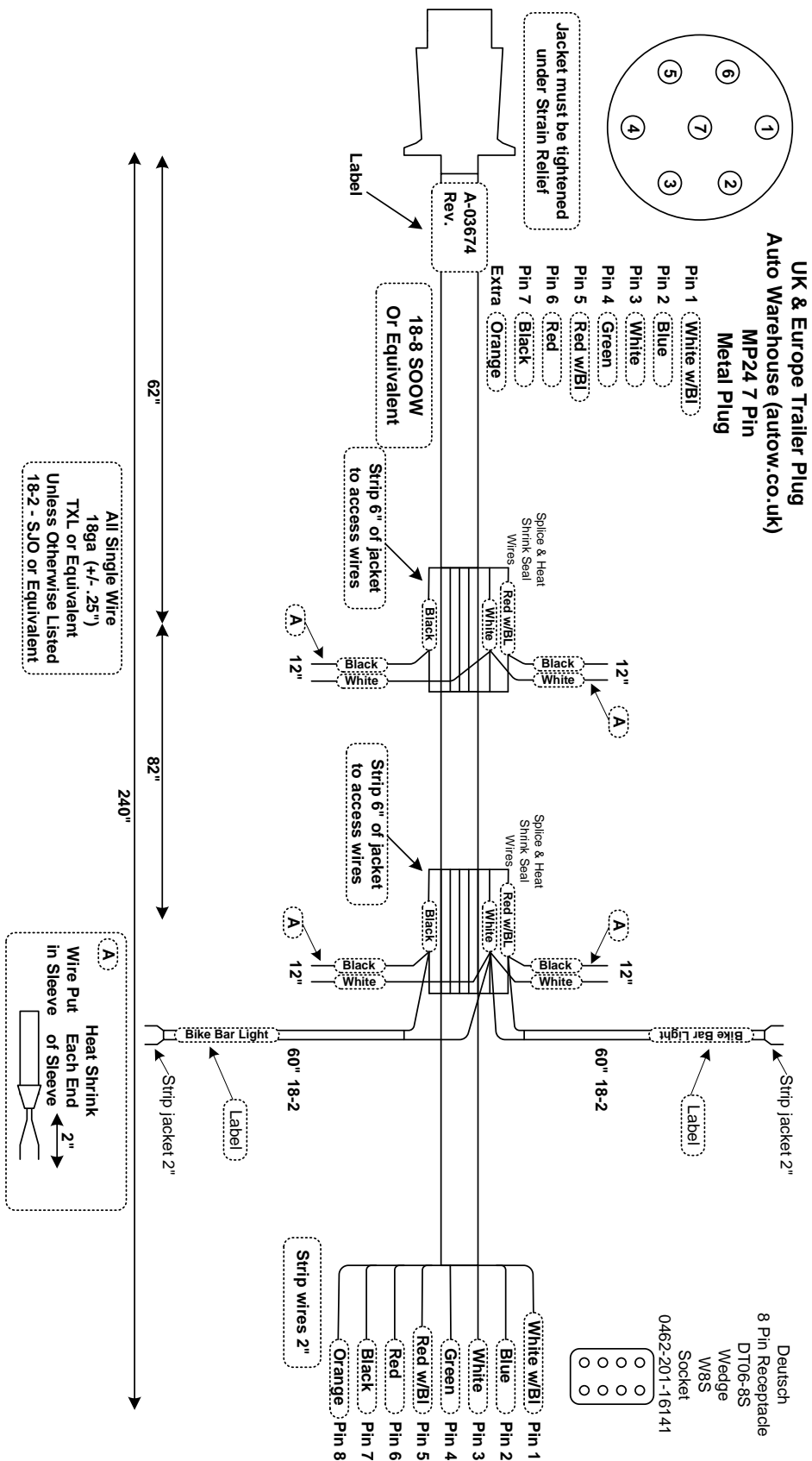
A-03731 TAIL LIGHT - ELECTRIC BRAKE OPTION - ANSI



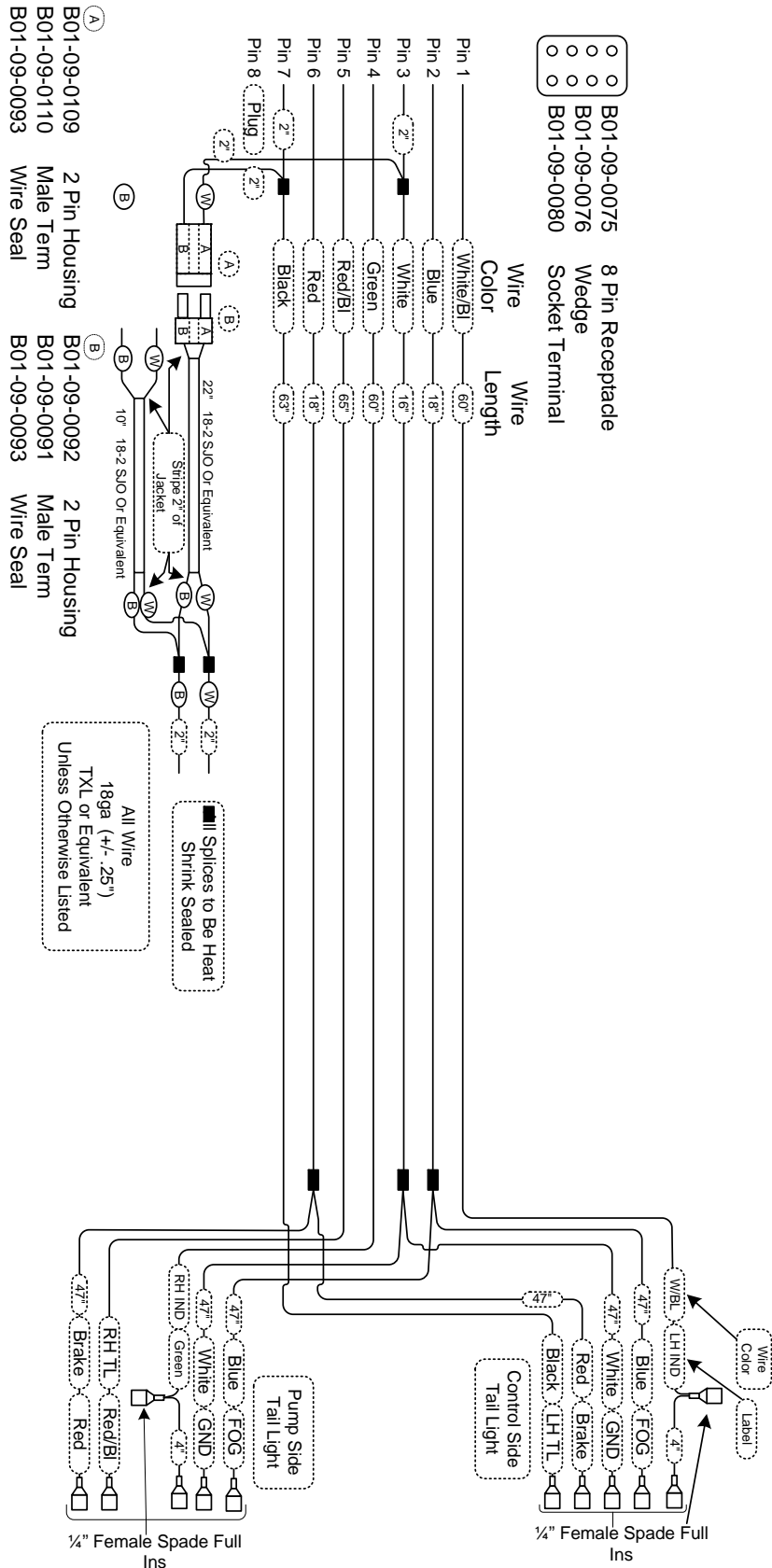
A-03153 MARKER & TAIL LIGHT - ANSI & AU



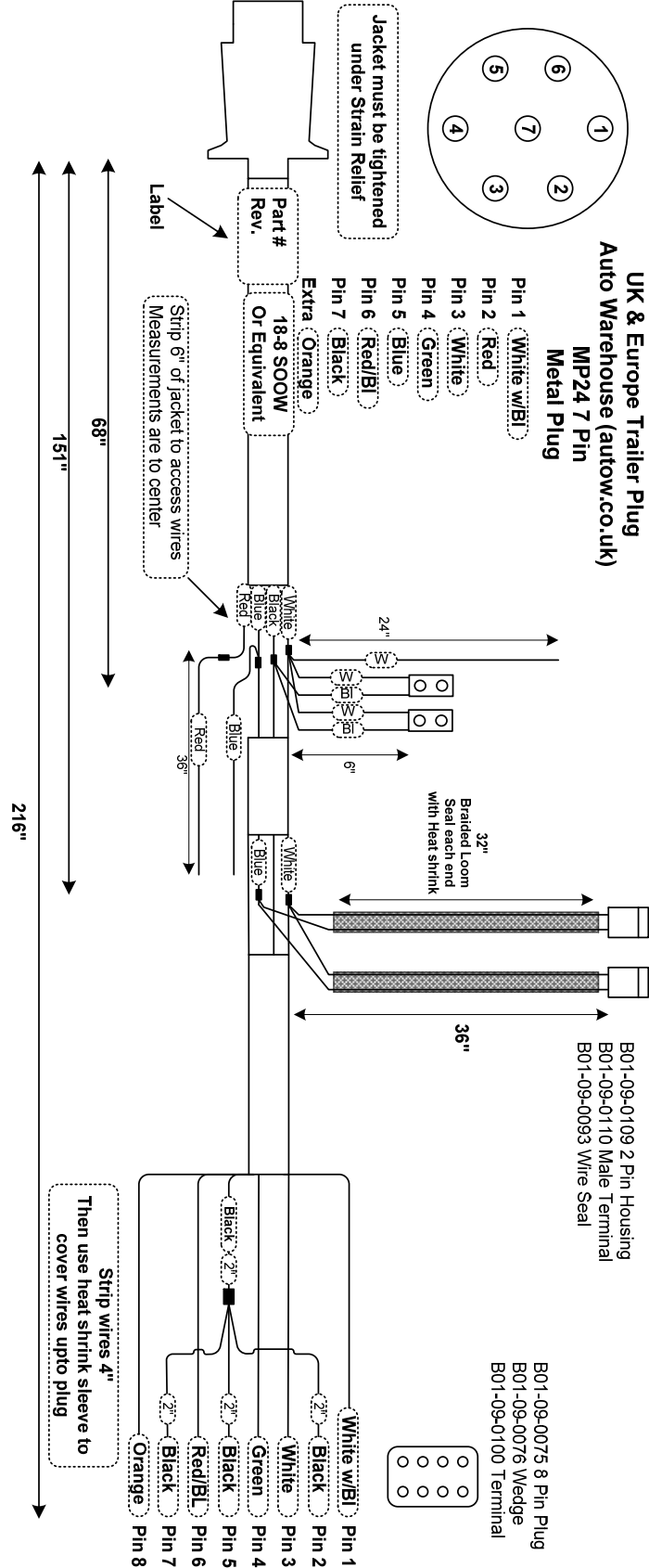
A-03674 TAILER LIGHTS - CE



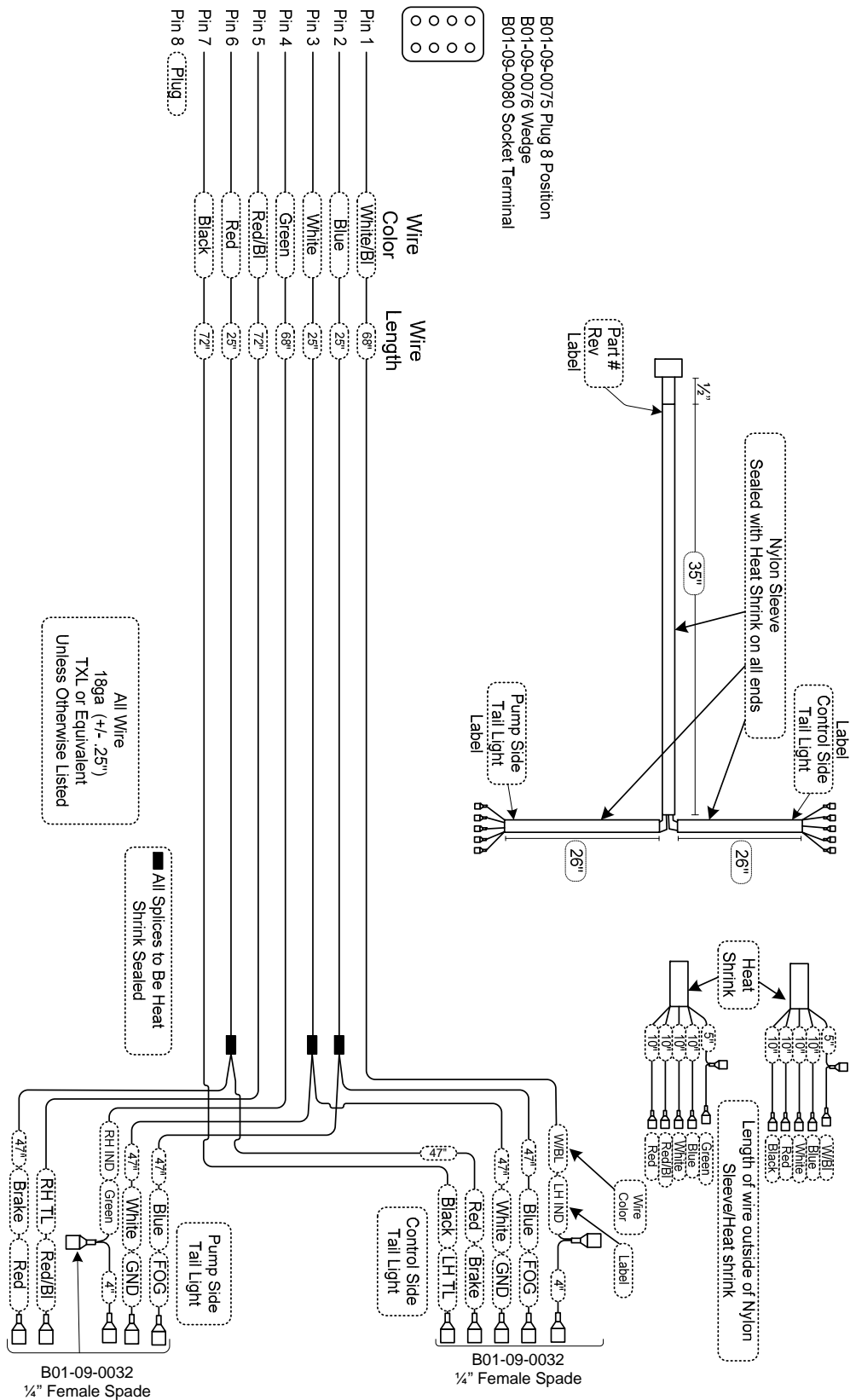
A-05682 TAIL LIGHT TO TOWER - CE



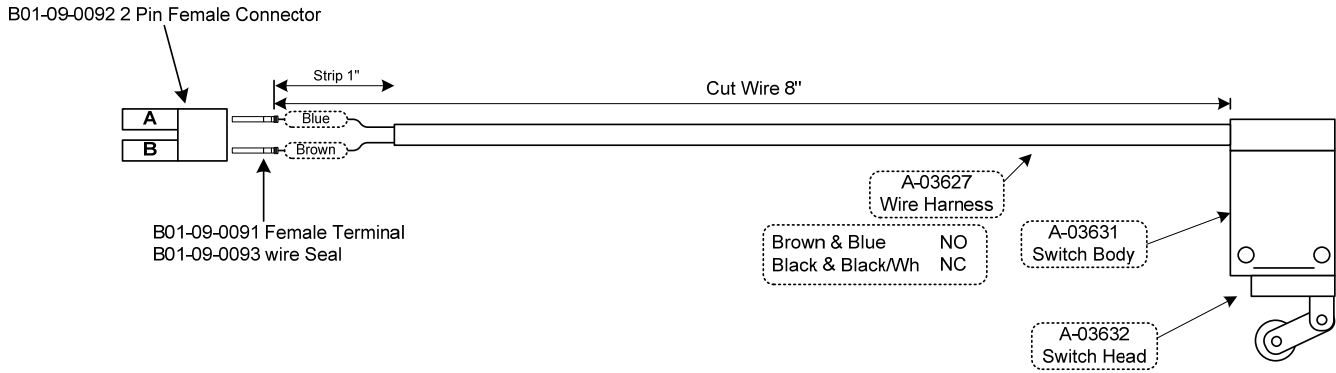
A-03687 TAILER LIGHTS - AU



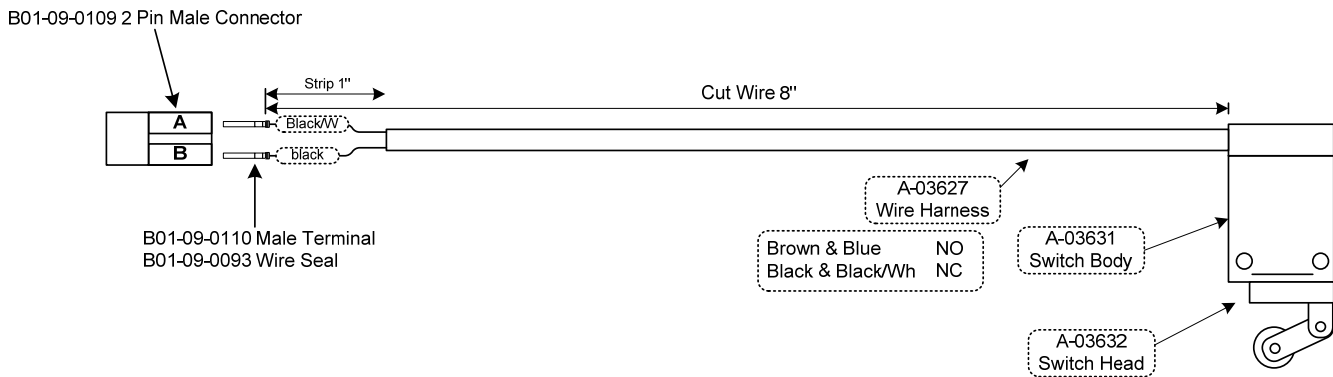
A-03609 TAIL LIGHT TO TOWER - AU



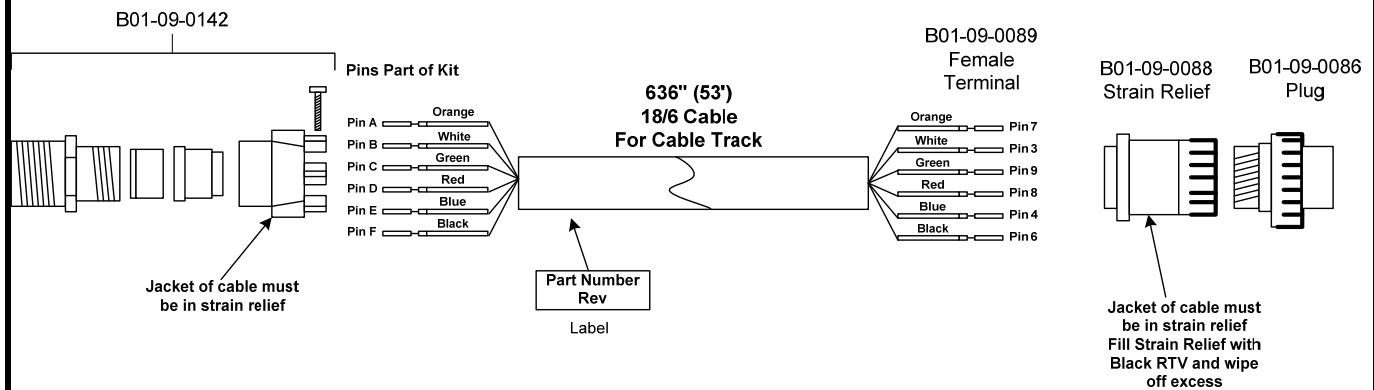
A-03644 SWITCH ASSEMBLY - N/O - ANSI, CE & AU



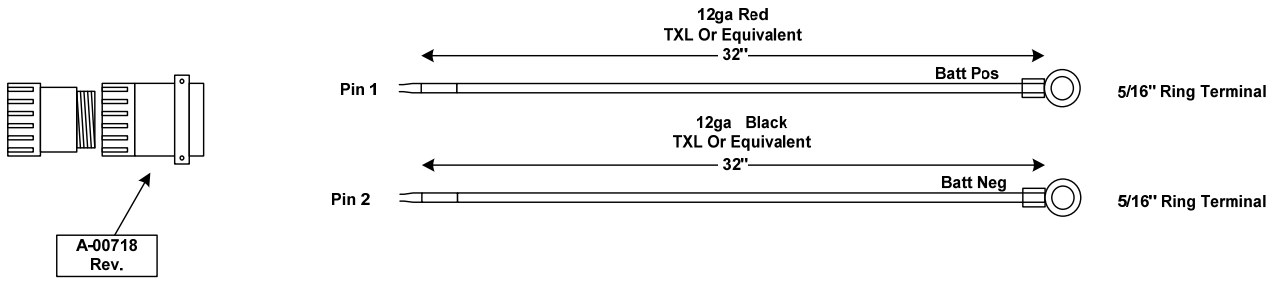
A-03647 SWITCH ASSEMBLY - N/C - ANSI, CE & AU



A-03714 PLATFORM TO GROUND - ANSI, CE & AU



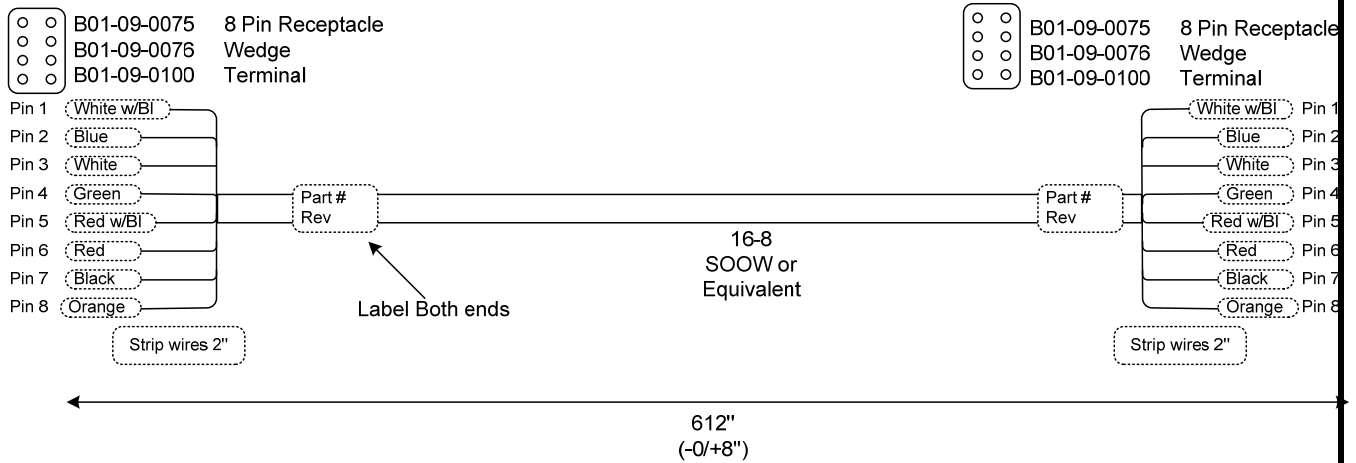
A-00718 POWER WIRE HARNESS – ANSI, CE & AU



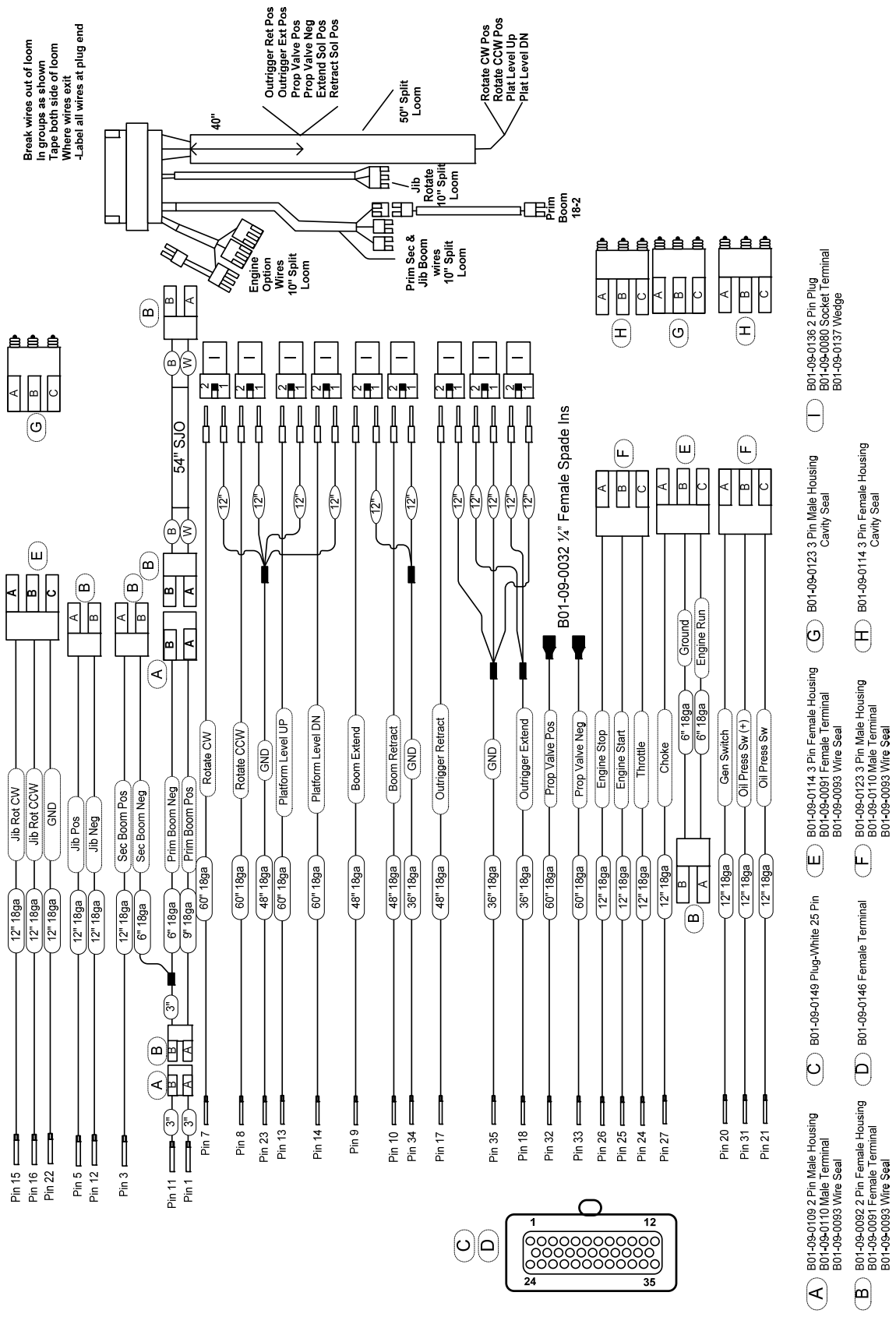
Fill Strain Relief with RTV then put on cable clamp and wipe off excess

Bundle wires in 20" of loom.
Tape both ends if split loom is used

A-03673 TAIL LIGHT TO TURNTABLE WIRE HARNESS – CE



A-03716 PUMP & CYLINDER - ANSI, CE & AU



Break wires out of loom
in groups as shown
Tape both side of loom
Where wires exit
-Label all wires at plug end

40"
Outrigger Ret Pos
Outrigger Ext Pos
Prop Valve Neg
Extend Sol Pos
Retract Sol Pos

50" Split Loom

Rotate CW Pos
Rotate CCW Pos
Plat Level Up
Plat Level DN

Jib Boom 18-2

Engine Option Wires 10" Split Loom

Prim Sec & Jib Boom wires 10" Split Loom

H
B
C

G
A
B
C

H
A
B
C

B01-09-0032 1/4" Female Spade Ins

F
A
B
C

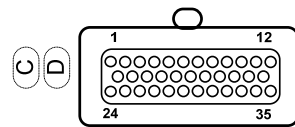
E
A
B
C

F
A
B
C

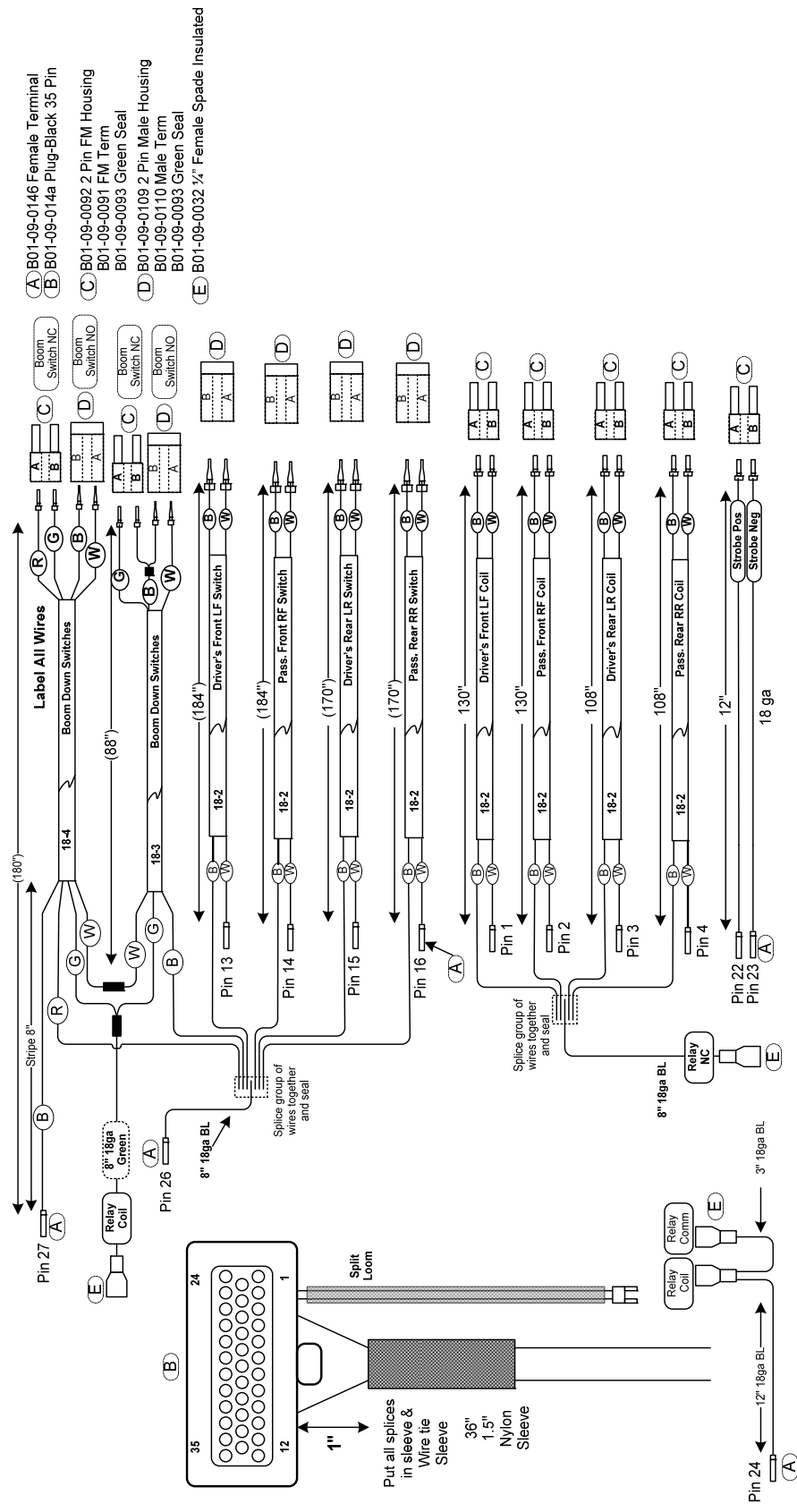
B01-09-0136 2 Pin Plug
B01-09-0080 Socket Terminal
B01-09-0137 Wedge

B01-09-0123 3 Pin Male Housing
Cavity Seal

B01-09-0114 3 Pin Female Housing
Cavity Seal



A-03717 SWIVEL / STROBE WIRE HARNESS - ANSI, CE & AU



A-03721 STROBE LIGHT WIRE HARNESS - ANSI, CE & AU

B01-09-0109 2 Pin Housing
 B01-09-0110 Male Terminal
 B01-09-0093 Wire Seal

294"
 18-2 SJO or
 Equivalent

Label Both
 ends

B01-09-0109 2 Pin Housing
 B01-09-0110 Male Terminal
 B01-09-0093 Wire Seal

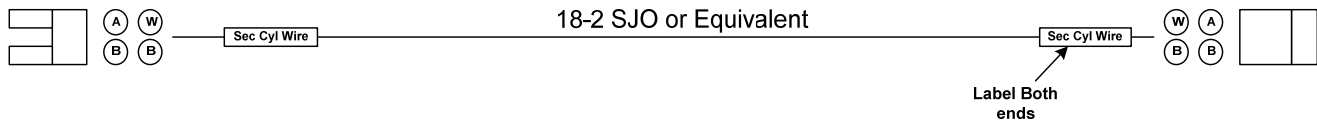


A-03724 SECONDARY CYLINDER WIRE HARNESS - ANSI, CE & AU

B01-09-0092 2 Pin Housing
 B01-09-0091 Female Terminal
 B01-09-0093 Wire Seal

20'
 18-2 SJO or Equivalent

B01-09-0109 2 Pin Housing
 B01-09-0110 Male Terminal
 B01-09-0093 Wire Seal

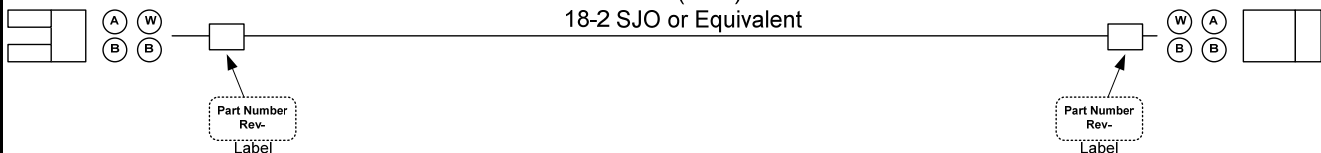


A-03725 JIB WIRE HARNESS - ANSI, CE & AU

B01-09-0092 2 Pin Housing
 B01-09-0091 Female Terminal
 B01-09-0093 Wire Seal

612" (+/-2")
 18-2 SJO or Equivalent

B01-09-0109 2 Pin Housing
 B01-09-0110 Male Terminal
 B01-09-0093 Wire Seal



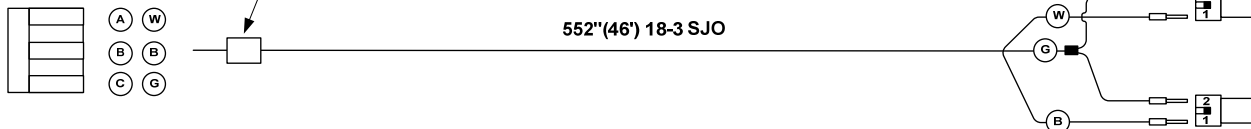
A-03729 JIB ROTATE - WIRE HARNESS - ANSI ONLY

B01-09-0123 Plug Housing
 B01-09-0110 Male Terminal
 B01-09-0093 Wire Seal

Label
 Part Number
 Rev-

552"(46') 18-3 SJO

B01-09-0136 Plug Housing 2 Pin
 B01-09-0080 Socket Terminal
 B01-09-0137 Wedge

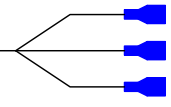
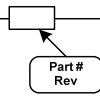
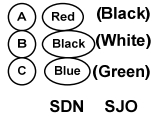
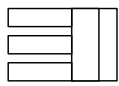


A-03726 110 VOLT TRAILER TOWER WIRE HARNESS – ANSI & CE

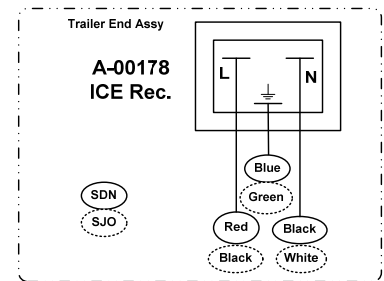
B01-09-0114 3 Pin Female Housing
 B01-09-0091 Female Terminal
 B01-09-0093 Wire Seal

100"
 14-3 SDN,SJO
 or Equivalent

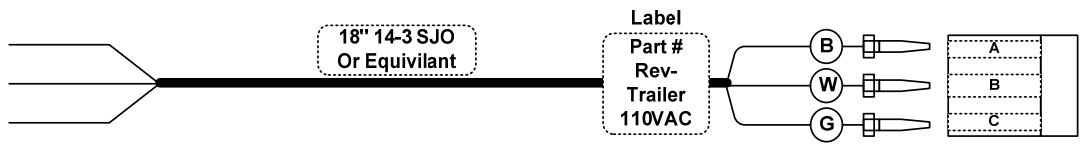
¼ Female Spade
 B01-09-0032



Stripe 3"

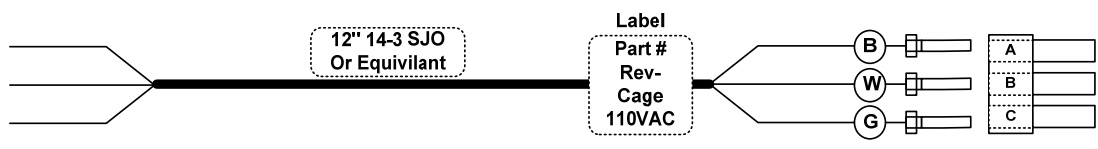


B01-01-0194 GFI BOX TO TRAILER WIRE HARNESS - ANSI & CE



B01-09-0123 3 Pin Housing
 B01-09-0120 Male Term 12/14ga
 B01-09-0121 Wire Seal

B01-01-0195 GFI BOX TO PLATFORM WIRE HARNESS – ANSI & CE

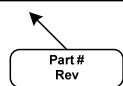
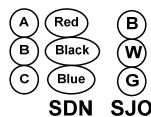
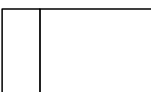


B01-09-0114 3 Pin Housing
 B01-09-0119 Female Terminal
 B01-09-0121 Wire Seal

A-03722 110 VOLT TO PLATFORM WIRE HARNESS – ANSI & CE

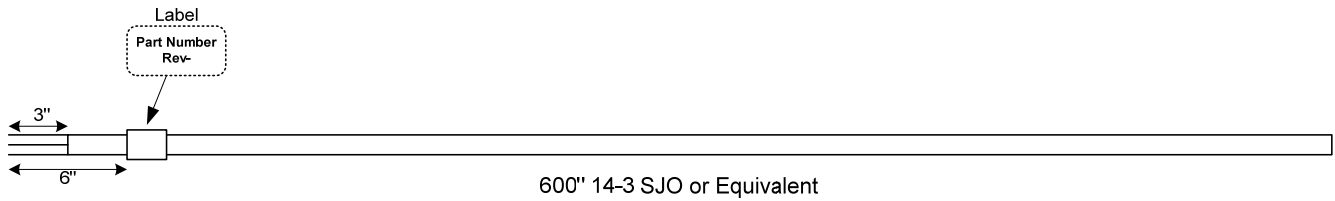
B01-09-0123 3 Pin Male Housing
 B01-09-0120 Male Terminal
 B01-09-0121 Gray cable seal

612" (51')
 14-3 SDN,SJO
 or Equivalent

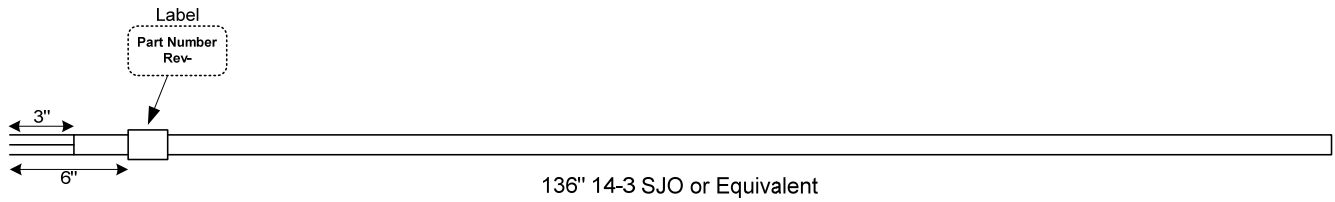


Label

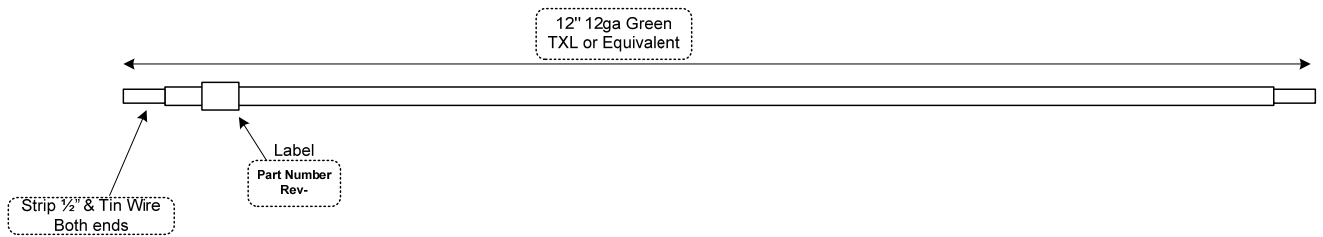
A-03685 AC TOWER TO PLATFORM WIRE HARNESS – AU



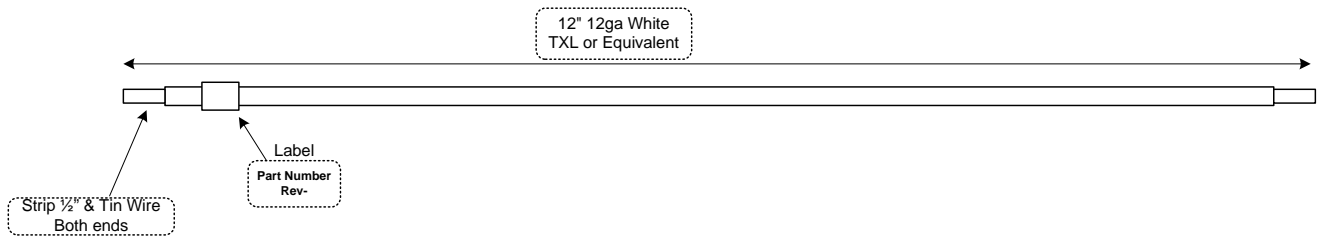
A-03686 AC TRAILER TO CHARGER WIRE HARNESS – AU



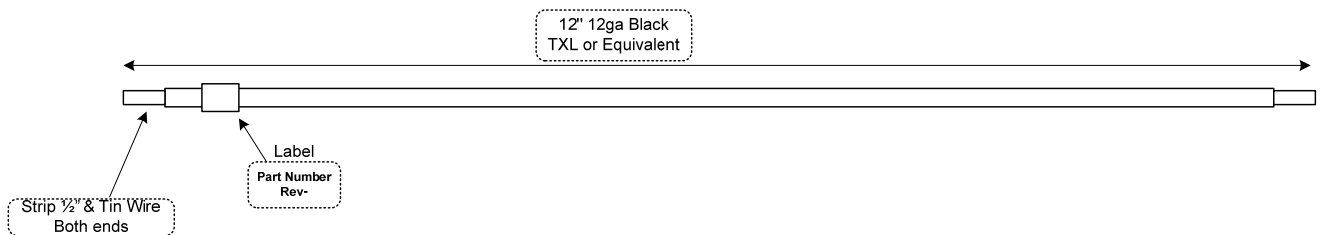
B01-01-0197 WIRE 12 GAGE X 12" GREEN - AU



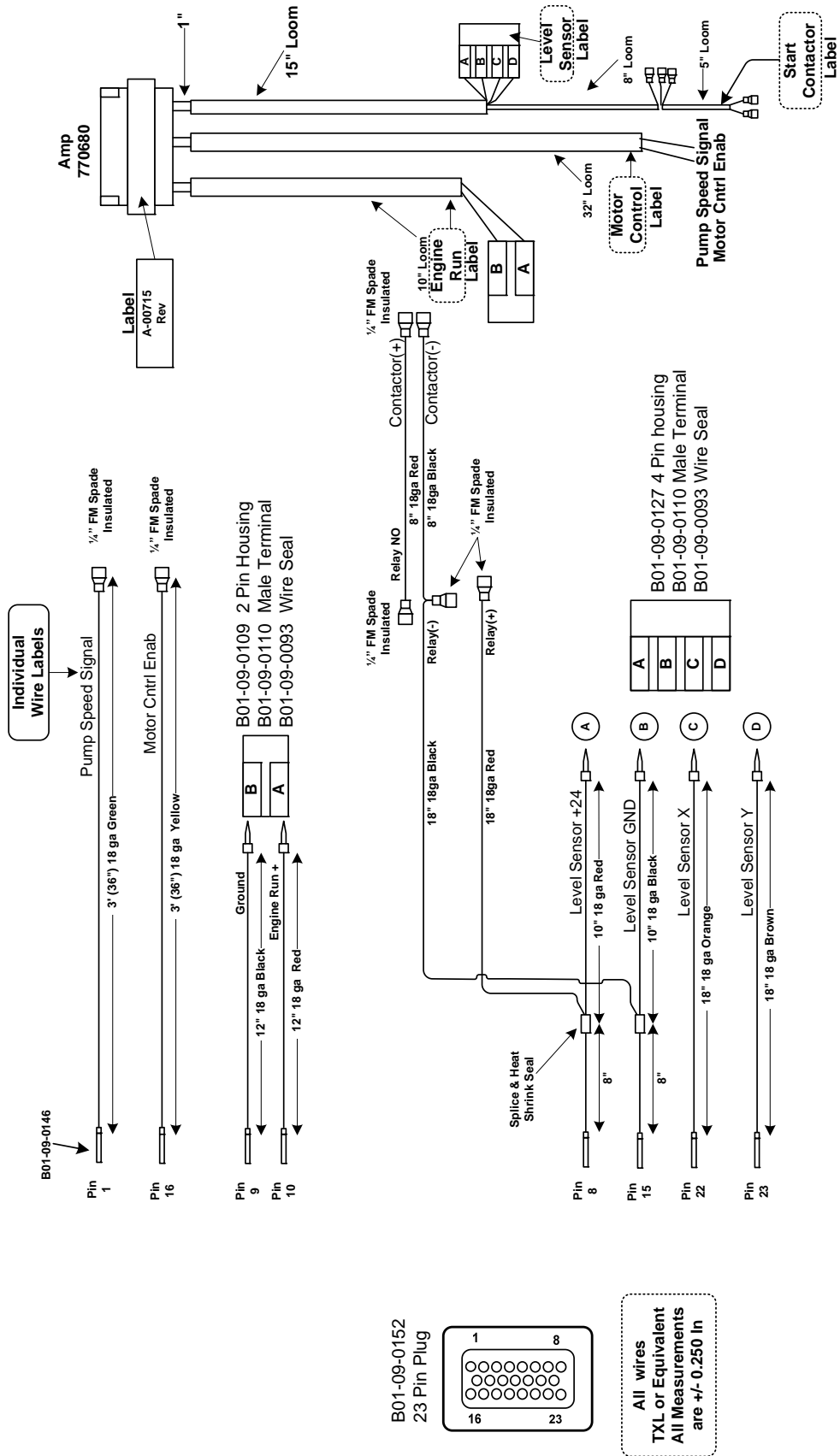
B01-01-0198 WIRE 12 GAGE X 12" WHITE - AU



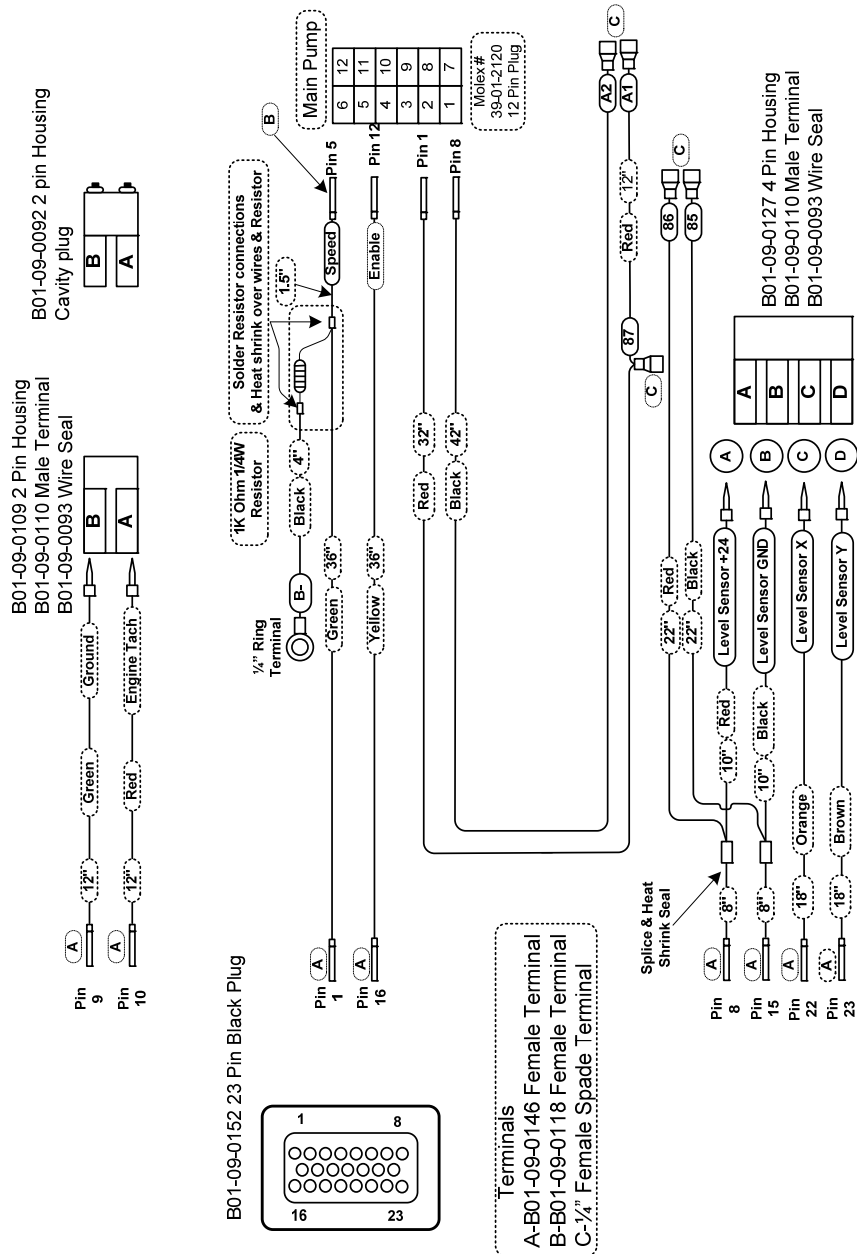
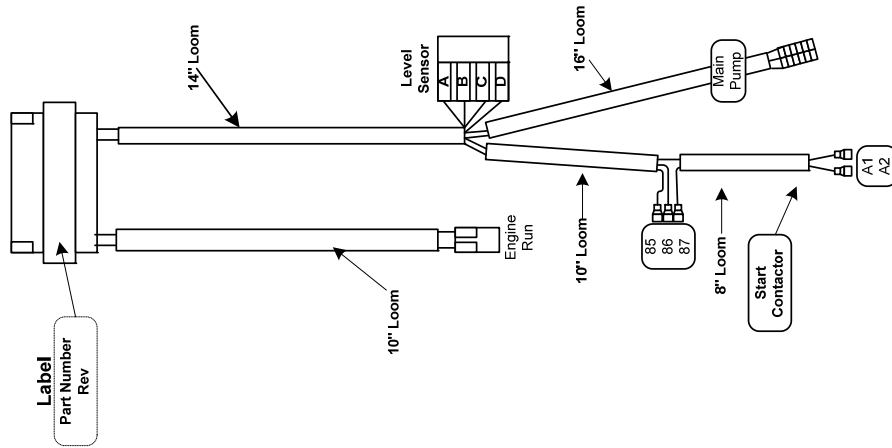
B01-01-0199 WIRE 12 GAGE X 12" BLACK – AU



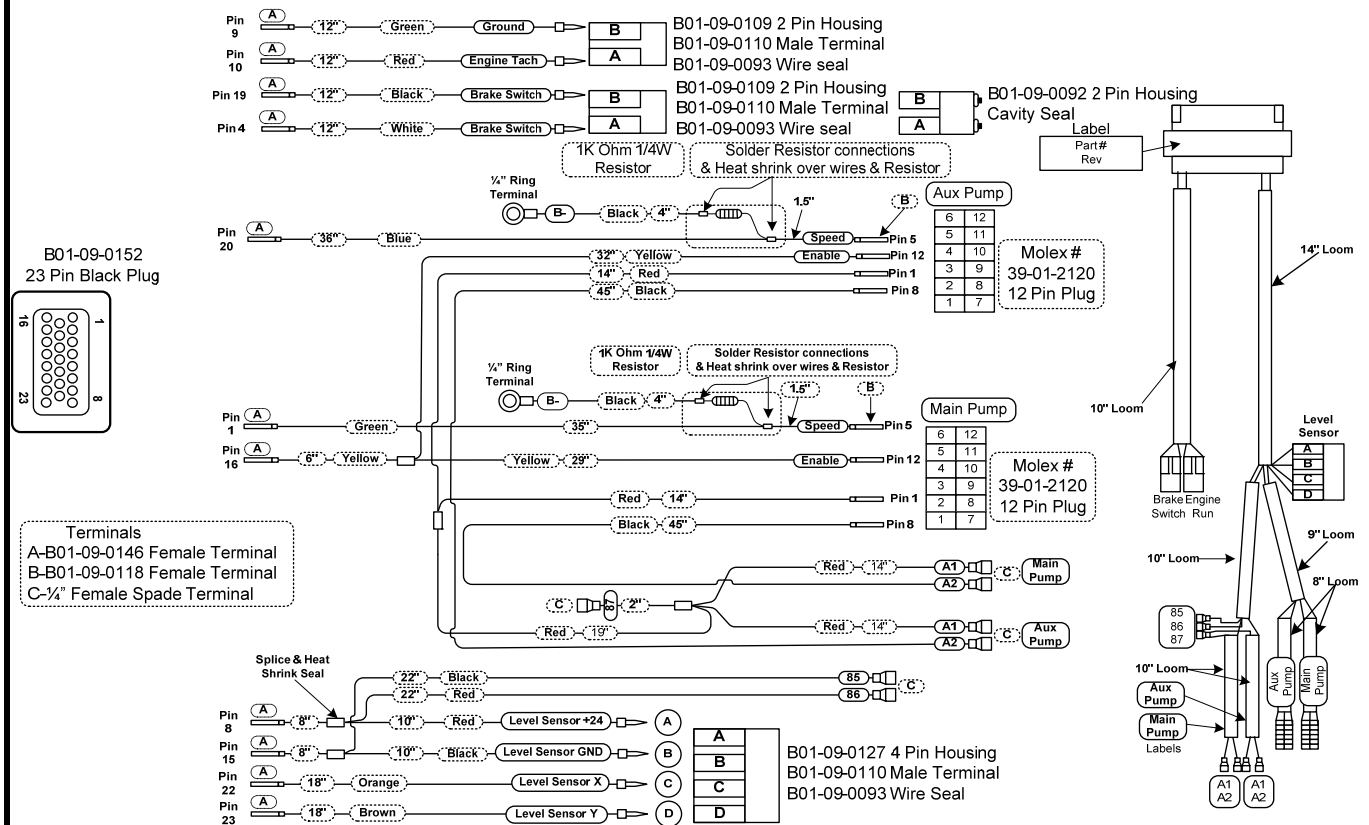
A-00715 ANALOG WIRE HARNESS - PRIOR TO 2008 - ANSI, CE & AU



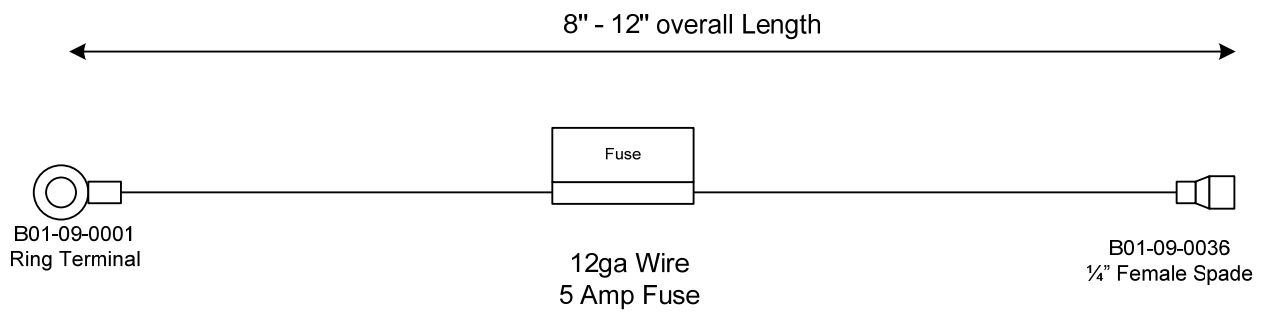
A-00721 ANALOG WIRE HARNESS - EFFECTIVE 2008 - ANSI, CE & AU



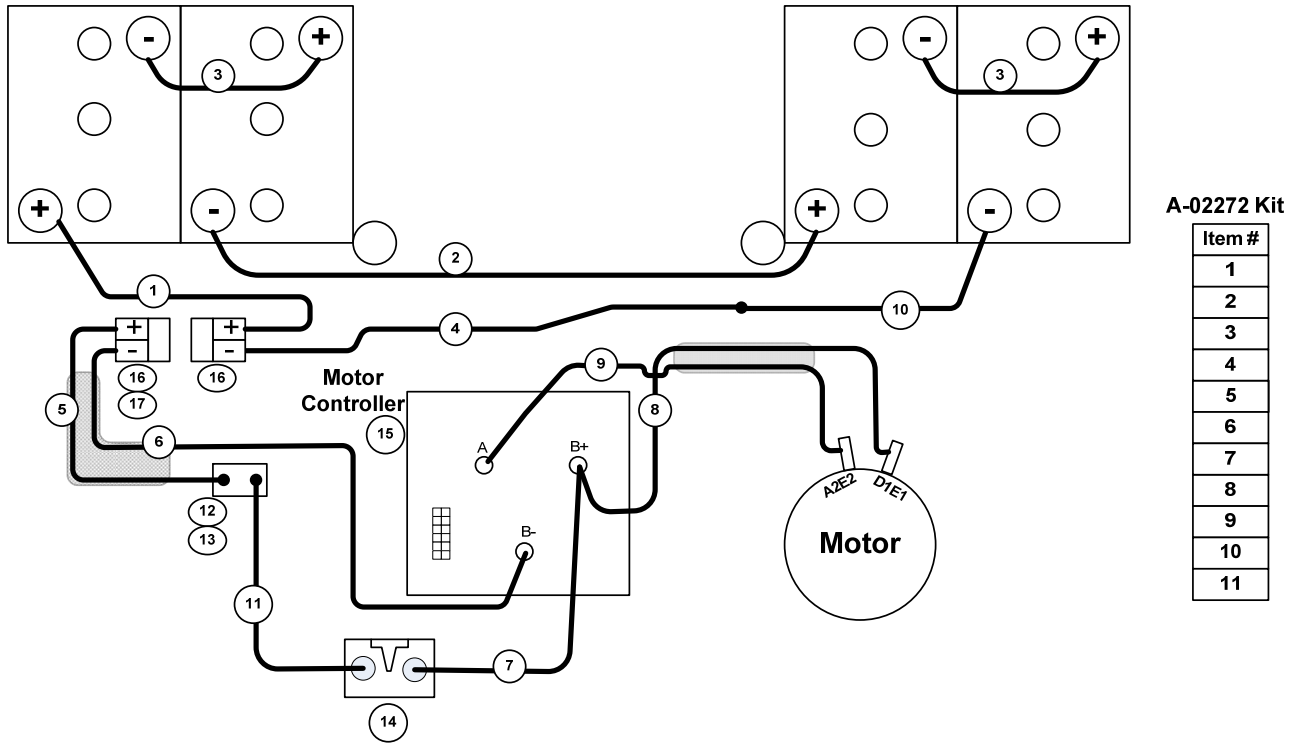
A-00948 ANALOG - WIRE HARNESS - DRIVE & SET OPTION - ANSI, CE & AU



B01-01-0188 FUSE / DUAL CONTACTER WIRE HARNESS - ANSI, CE & AU



A-00272 BATTERY LAYOUT - ANSI, CE & AU



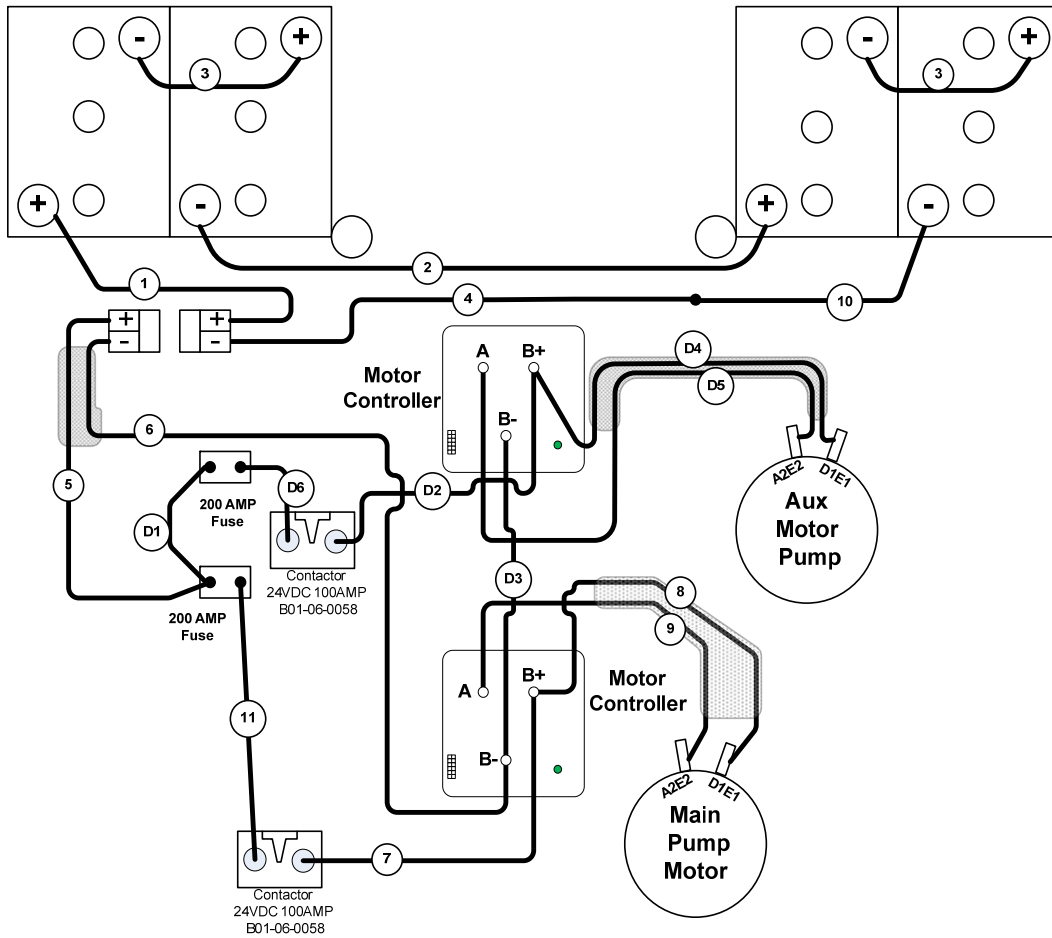
A-02272 Kit

Item #
1
2
3
4
5
6
7
8
9
10
11

Item No.	Gauge	Length	Color	End	End	Qty.
1	2 gauge	30"	Red	5/16 Ring	SBC Lug	1
2	2 gauge	45"	Black	5/16 Ring	5/16 Ring	1
3	2 gauge	8"	Black	5/16 Ring	5/16 Ring	2
4	2 gauge	22"	Black	5/16 Ring	SBC Lug	1
5	2 gauge	24"	Red	5/16 Ring	SBC Lug	1
6	2 gauge	48"	Black	5/16 Ring	SBC Lug	1
7	2 gauge	22"	Red	5/16 Ring	5/16 Ring	1
8	2 gauge	48"	Red	5/16 Ring	5/16 Ring	1
9	2 gauge	45"	Black	5/16 Ring	5/16 Ring	1
10	2 gauge	19"	Black	5/16 Ring	5/16 Ring	1
11	2 gauge	13"	Red	5/16 Ring	5/16 Ring	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
12	B01-10-0330	Fuse, 200 Amp	1
13	B01-10-0331	Fuse Holder, 200 Amp	1
14	B01-06-0058	Contacting, 24 Volt DC	1
15	A-00297	Motor Controller	1
16	B01-09-0131	SBC Plug Connector	1
17	B01-09-0132	A-Frame Handle	1

A-00943 BATTERY LAYOUT FOR DRIVE & SET OPTION - ANSI, CE & AU



A-02272 Kit

Item #
1
2
3
4
5
6
7
8
9
10
11

A-00943 Kit

D1
D2
D3
D4
D5
D6

A-00943 BATTERY LAYOUT - DRIVE AND SET

FOR ITEMS 1-11 SEE A-00272 BATTERY LAYOUT PAGE

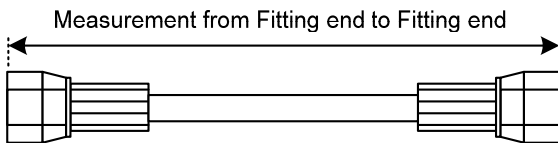
Item No.	Gauge	Length	Color	End	End	Qty.
D1	2 gauge	6"	Red	5/16 Lug	5/16 Lug	1
D2	2 gauge	30"	Red	5/16 Lug	5/16 Lug	1
D3	2 gauge	13"	Black	5/16 Lug	5/16 Lug	1
D4	2 gauge	40"	Red	5/16 Lug	5/16 Lug	1
D5	2 gauge	40"	Black	5/16 Lug	5/16 Lug	1
D6	2 gauge	20"	Red	5/16 Lug	5/16 Lug	1

PART NUMBER	DESCRIPTION	QTY.
B01-10-0330	Fuse, 200 Amp	2
B01-10-0331	Fuse Holder, 200 Amp	2
B01-06-0058	Contactors, 24 Volt DC	2
A-00297	Motor Controller	2
B01-09-0131	SBC Plug Connector	1
B01-09-0132	A-Frame Handle	1

A-03700 AIR LINE TO PLATFORM – ANSI, CE & AU

BIL-JAX #	QTY	HOSE SIZE	HOSE TYPE	LENGTH	FITTING END 1	FITTING LABEL 1	FITTING END 2	FITTING LABEL 2
B09-00-0047	1	6	E	526"	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A BOOMS	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A BOOMS
B09-00-0046	1	6	E	142"	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A TRAILER	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A TRAILER
B09-00-0036	1	6	E	78"	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A JIB HOSE	#6-6 FMJIC 37 STR SWIVEL	A-03700 AIR LINE 4527A JIB HOSE

BIL-JAX #	QTY	DESCRIPTION
B09-00-0052	2	#6 MJIC-#4 MNPT STR BULKHEAD WITH LOCKNUT
B09-00-0053	1	#4 QD NIPPLE-#4 FMNPT
B09-00-0054	1	#4 QD COUPLER-#4 FMNPT
B09-00-0055	2	#6 MJIC-#6 MJIC 37 STR



Air Line
 Minimum PSI Rating: 300 PSI
 Burst: 4:1
 Temp Range: -40F - +212F
 Min Bend Radius:
 #6 - 4"

A-03701 WATER LINE TO PLATFORM – ANSI, CE & AU

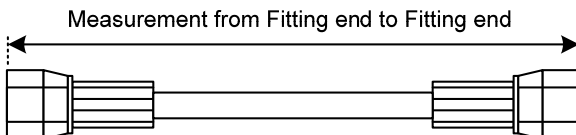
BIL-JAX #	QTY	HOSE SIZE	HOSE TYPE	LENGTH	FITTING END 1	FITTING LABEL 1	FITTING END 2	FITTING LABEL 2
B09-00-0045	1	6	F	526"	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A BOOMS	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A BOOMS
B09-00-0044	1	6	F	142"	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A TRAILER	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A TRAILER
B09-00-0041	1	6	F	78"	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A JIB HOSE	#6-6 FMJIC 37 STR SWIVEL	A-03700 WATER LINE 4527A JIB HOSE

BIL-JAX #	QTY	DESCRIPTION
B09-00-0058	2	#6 MJIC-#6 MNPT STR BULKHEAD WITH LOCKNUT
B09-00-0056	1	#6 QD COUPLER-#6 FMNPT STR
B09-00-0057	1	#6 QD NIPPLE-#6 FMNPT STR
B09-00-0055	2	#6 MJIC-#6 MJIC 37 STR

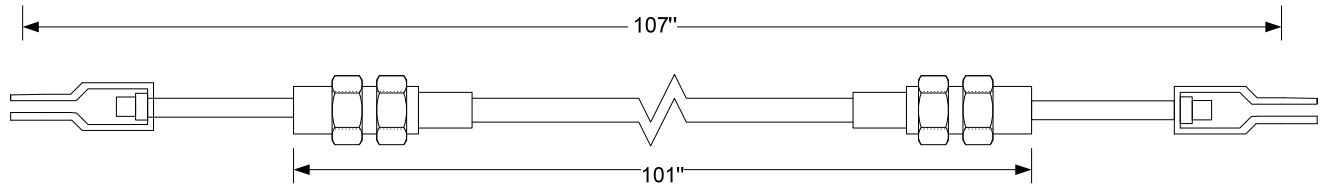
HOSE TYPE F

Water Hose

Water Line
 Minimum PSI Rating: 4000 PSI
 Burst: 4:1
 Meet or Exceed ISO 11237
 Type: SAE 100R17
 Temp Range: -40F - +212F
 Fluid Temp: +250F
 Min Bend Radius:
 #6 - 2.5"

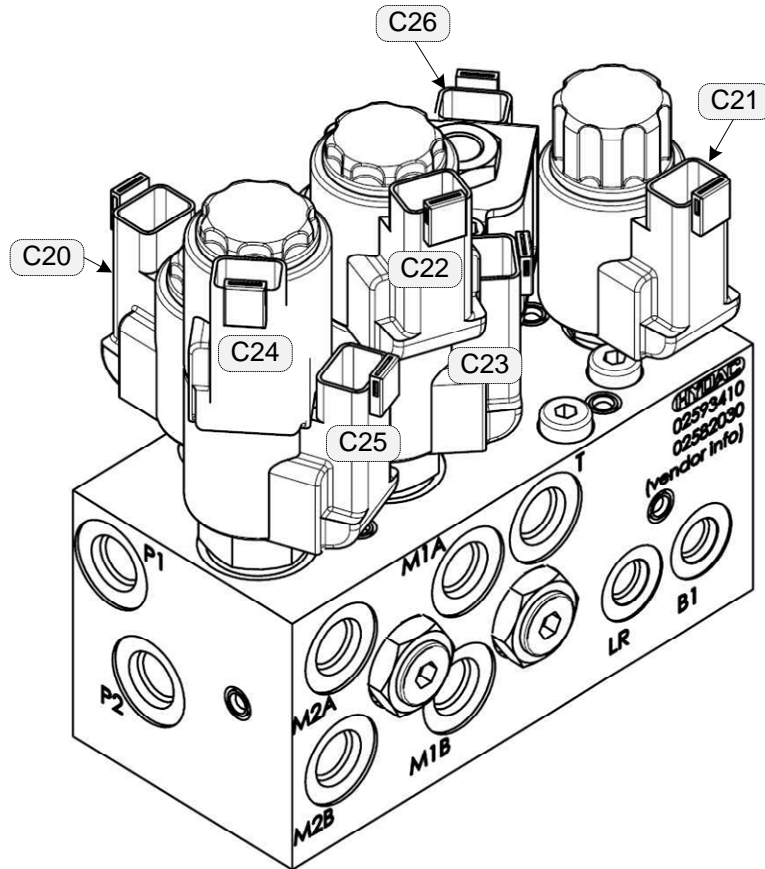
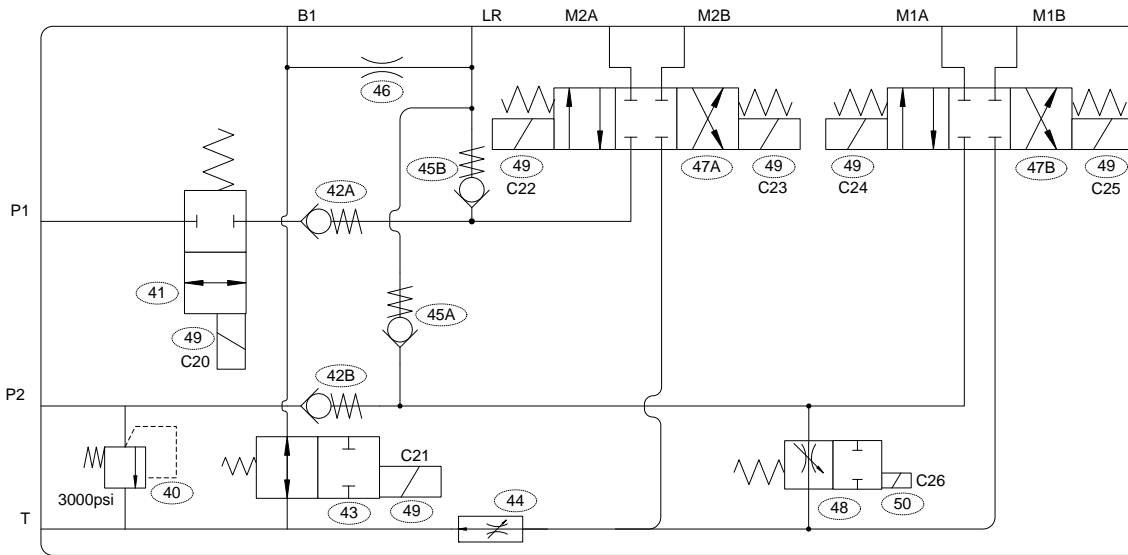


A-03187 PARKING BRAKE CABLE ASSEMBLY - ANSI & AU

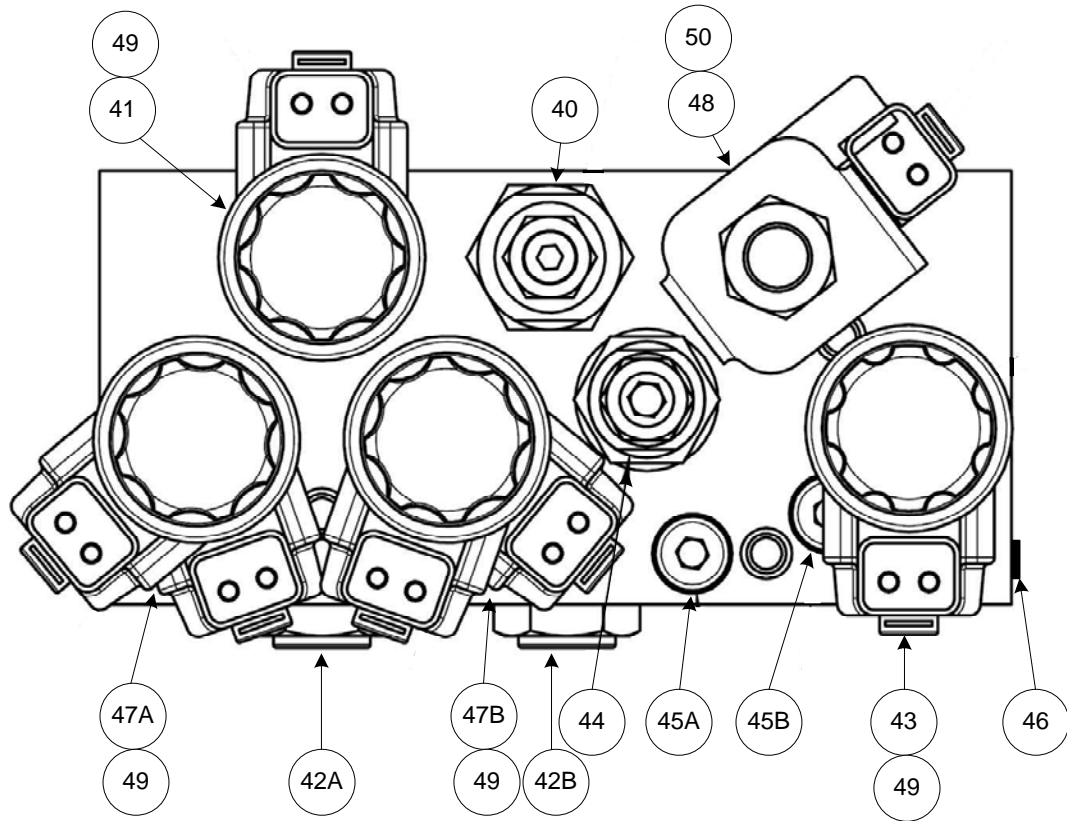


3.6 DRIVE & SET OPTION - WIRE HARNESSES, WIRE ASSEMBLIES & KITS

A-00928 MANIFOLD FOR DRIVE & SET OPTION - ANSI, CE & AU

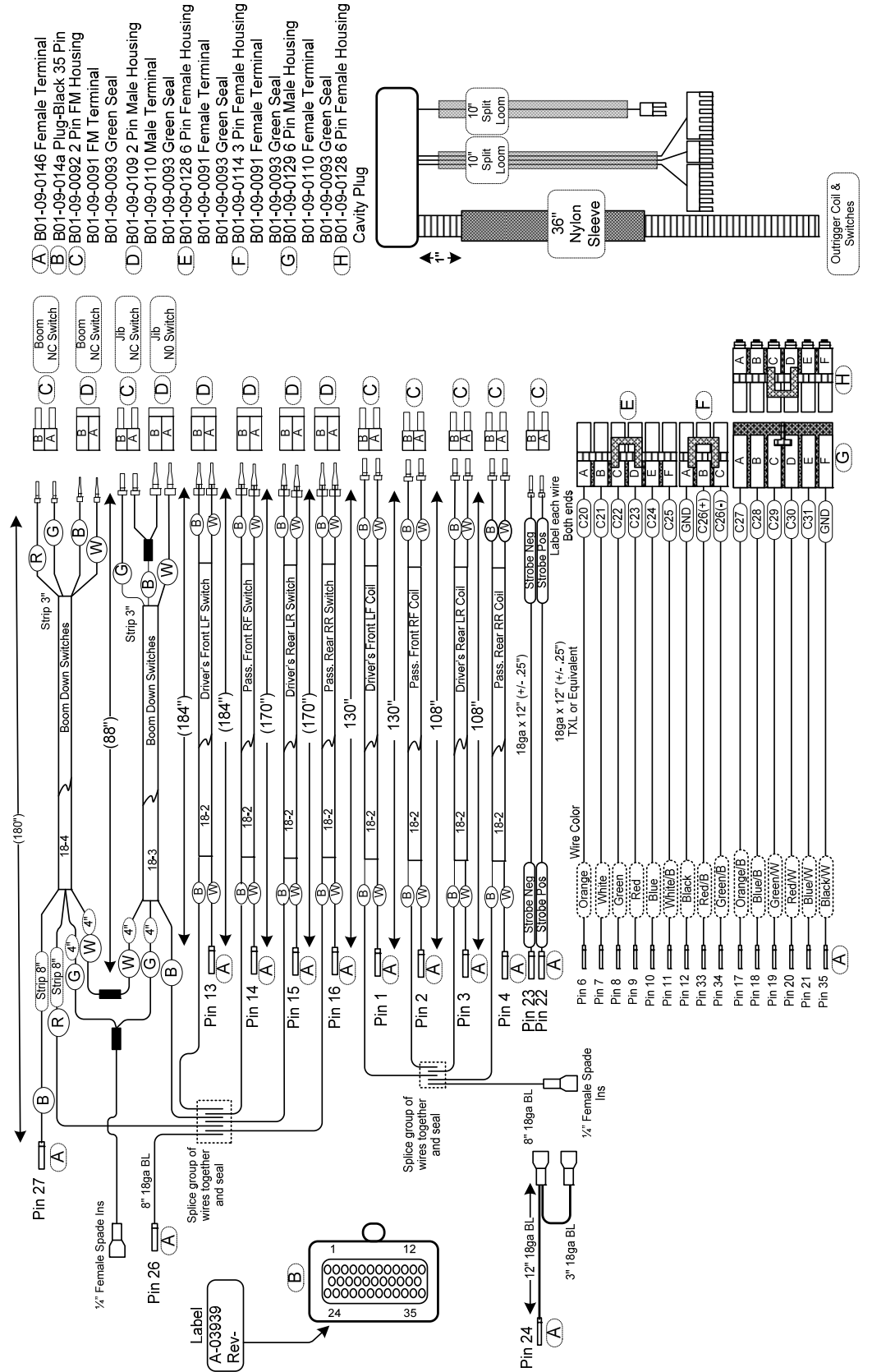


A-00928 MANIFOLD FOR DRIVE & SET OPTION - ANSI, CE & AU

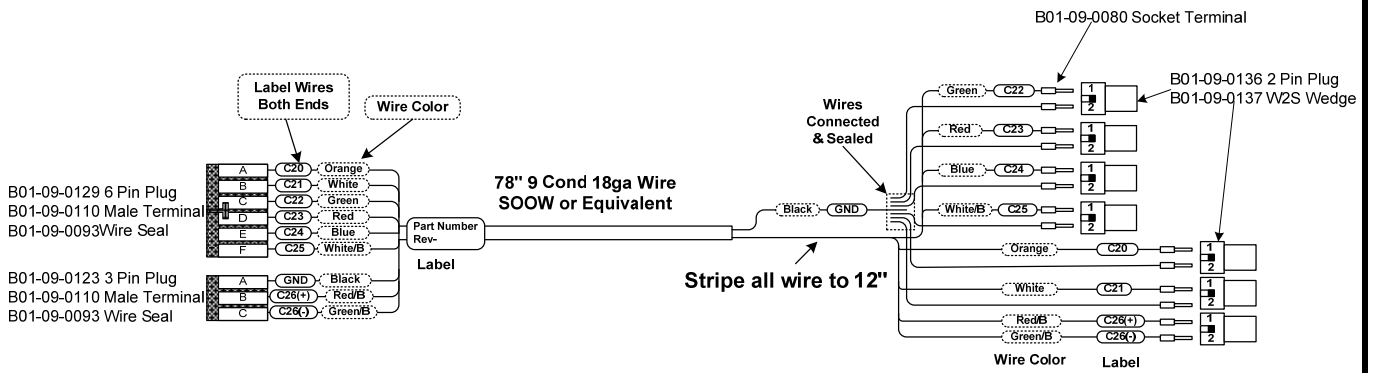


ITEM NO.	PART NUMBER	DESCRIPTION
40	B02-15-0515	Valve, Pressure Relief - 3000 PSI
41	B02-15-0516	Valve, Cart NC
42A & 42B	B02-14-0092	Valve, Check
43	B02-15-0518	Valve, Cart NO
44	B02-15-0519	Valve, Flow Control
45A & 45B	B02-15-0520	Valve, Check
46	B02-15-0521	Orifice - 1.0 mm
47A & 47B	B02-15-0522	Valve, Directional
48	B02-15-0523	Valve, Prop NO
49	B02-15-0525	Coil, 20 Volt DC Deutsch Connector
50	B02-15-0524	Coil, 20 Volt DC Deutsch Connector - Prop valve

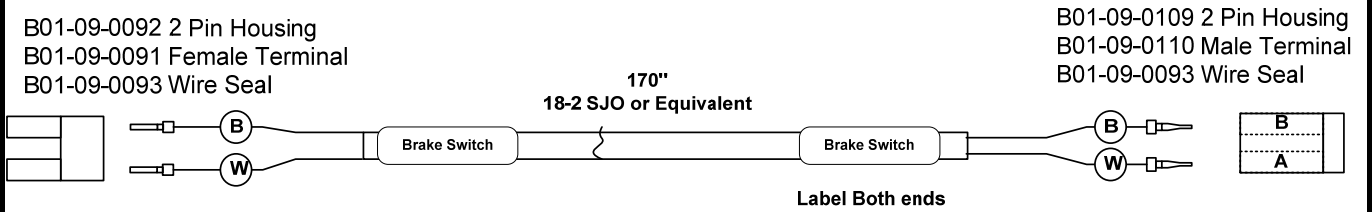
A-03939 OUTRIGGER COIL TO SWITCHES - DRIVE & SET OPTION - ANSI, CE & AU



A-00947 MANIFOLD HARNESS - DRIVE & SET OPTION - ANSI, CE & AU

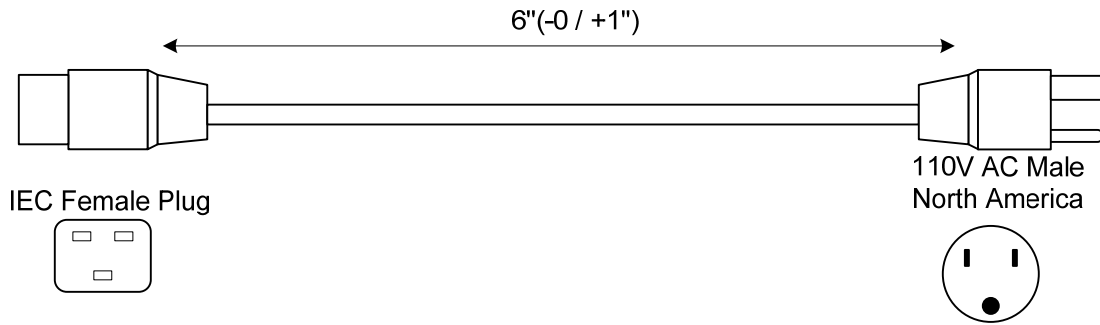


A-03937 BRAKE SWITCH - DRIVE & SET OPTION - ANSI, CE & AU

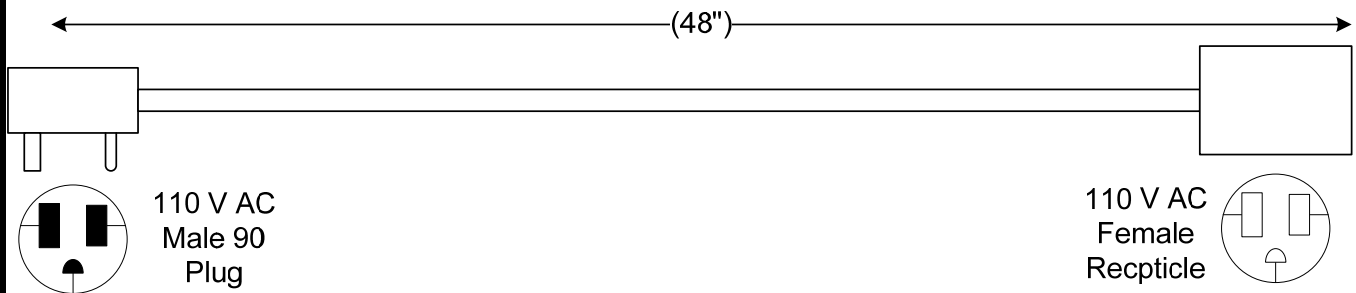


3.7 GENERATOR OPTION - WIRE HARNESSES, WIRE ASSEMBLIES & KITS

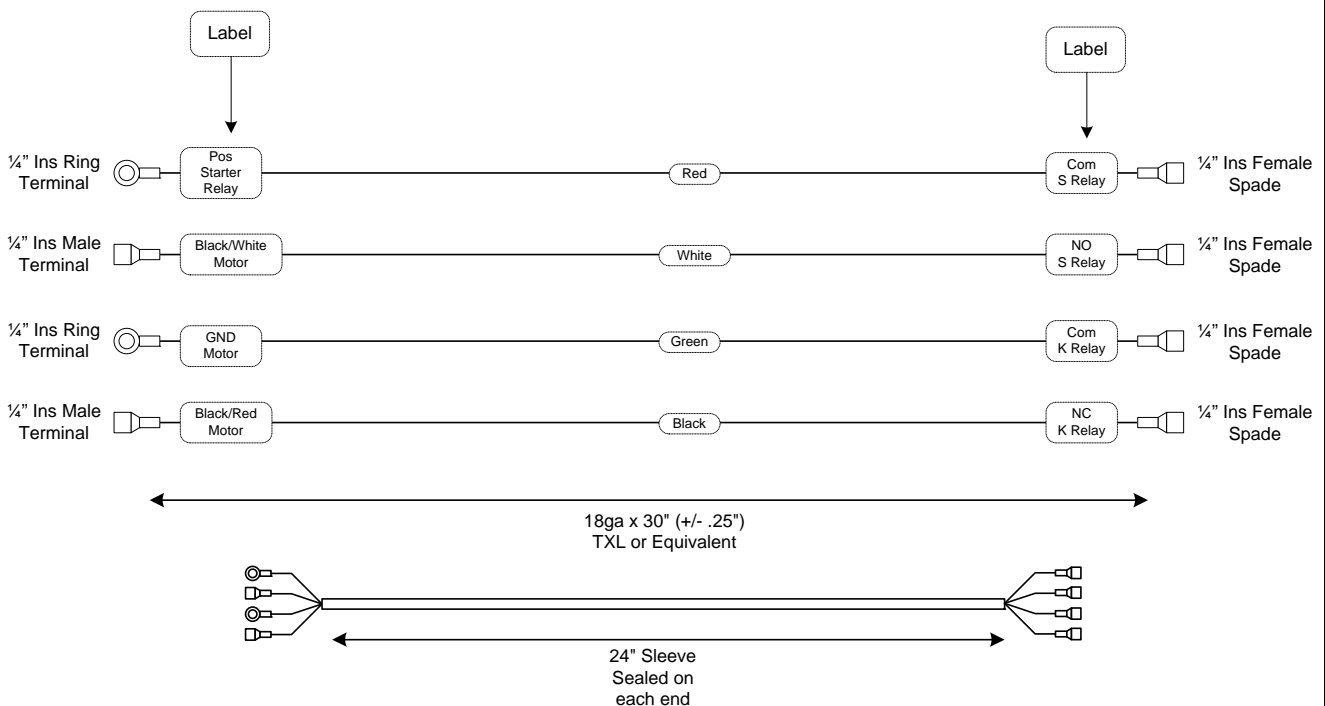
A-00179 110 VOLT IEC - GENERATOR OPTION - ANSI



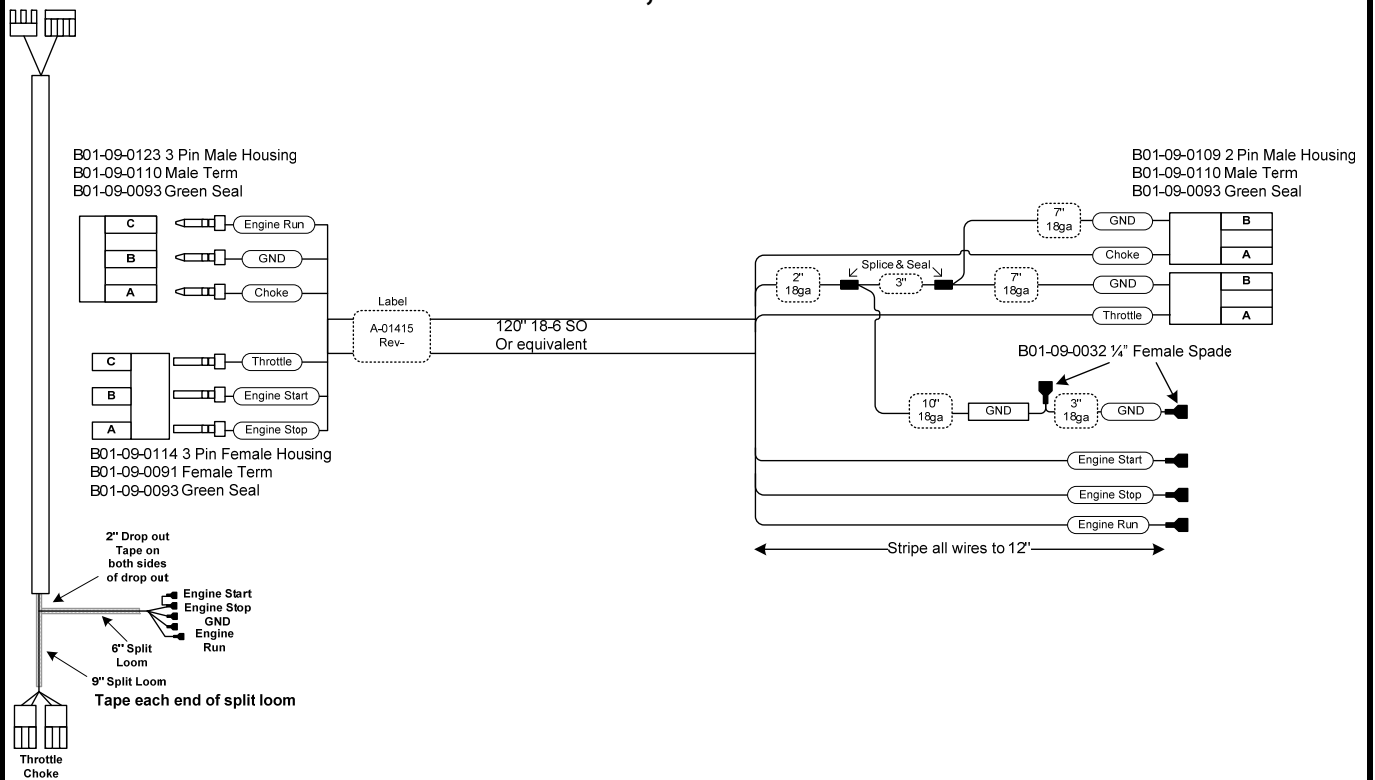
A-01416 AC PLUG WIRE HARNESS – GENERATOR OPTION - ANSI



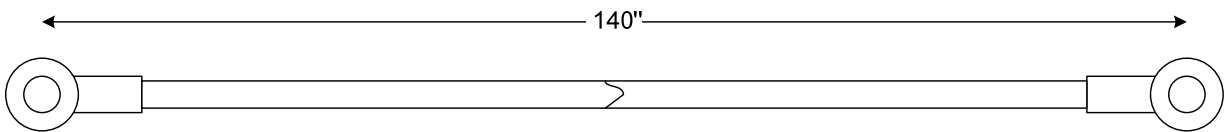
A-00425 MOTOR WIRE HARNESS - GENERATOR OPTION - ANSI, CE & AU



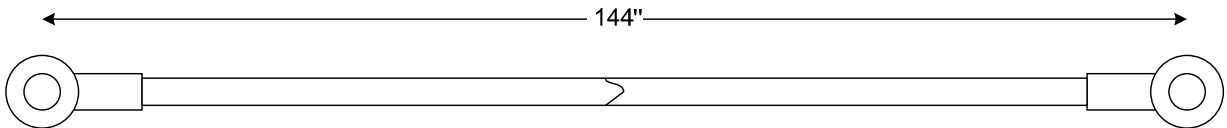
A-01415 MOTOR START / KILL WIRE HARNESS - GENERATOR OPTION - ANSI, CE & AU



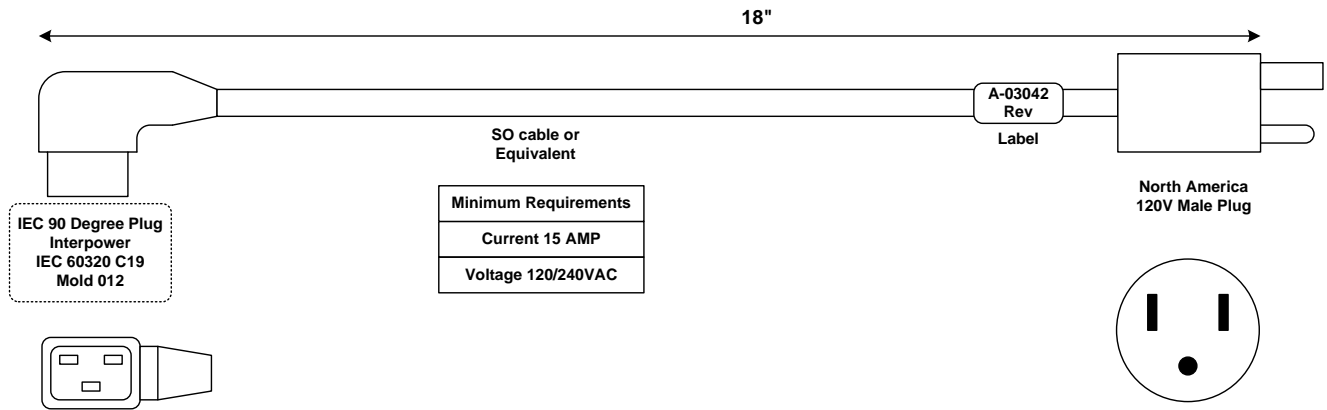
A-01446 RED WIRE 8 GAGE – 140” LONG - GENERATOR OPTION - ANSI, CE & AU



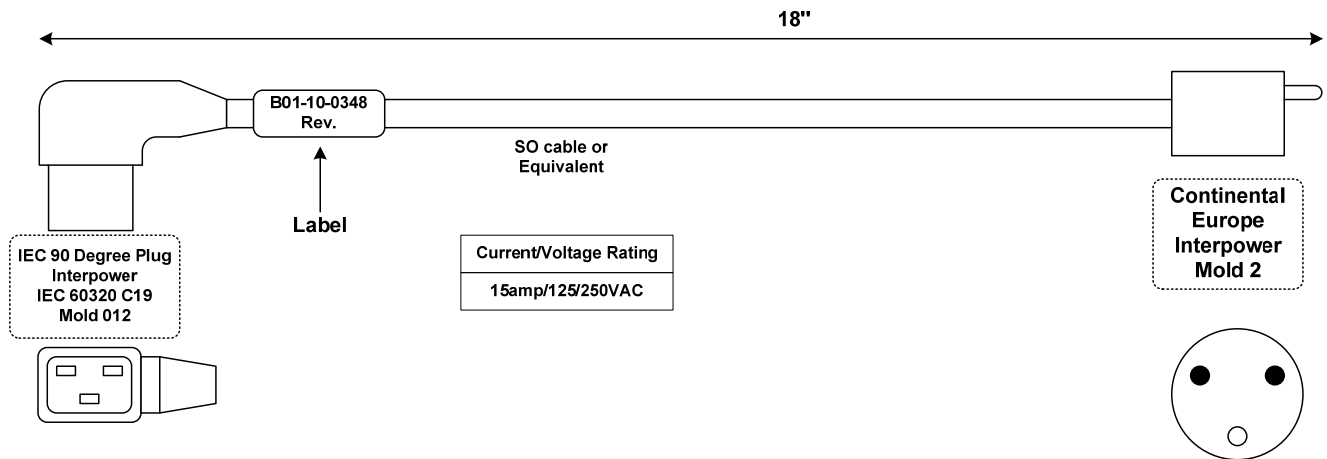
A-01447 BLACK WIRE 8 GAGE - 140” LONG - GENERATOR OPTION - ANSI, CE & AU



A-03042 IEC CORD - GENERATOR OPTION - ANSI, CE & AU



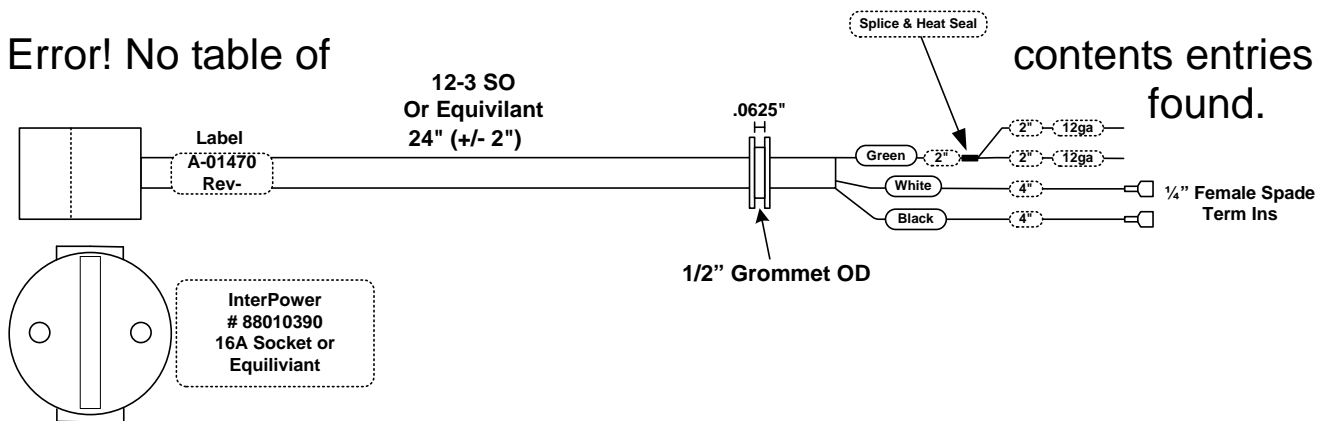
B01-10-0348 IEC CORD - EUROPE



A-01470 TRAILER HARNESS 220 VOLTS - GENERATOR OPTION - CE ONLY

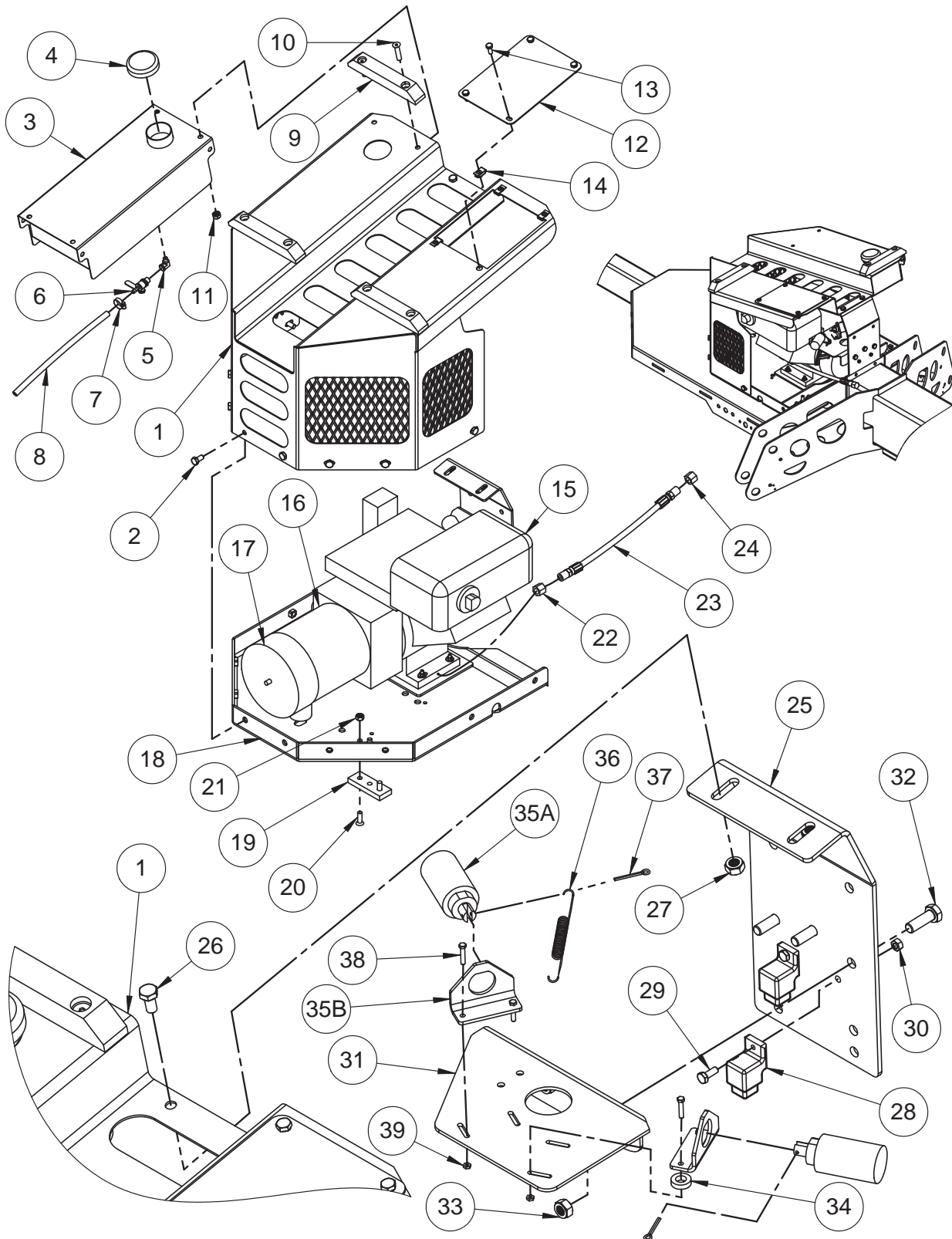
Error! No table of

contents entries found.



4. OPTIONAL EQUIPMENT

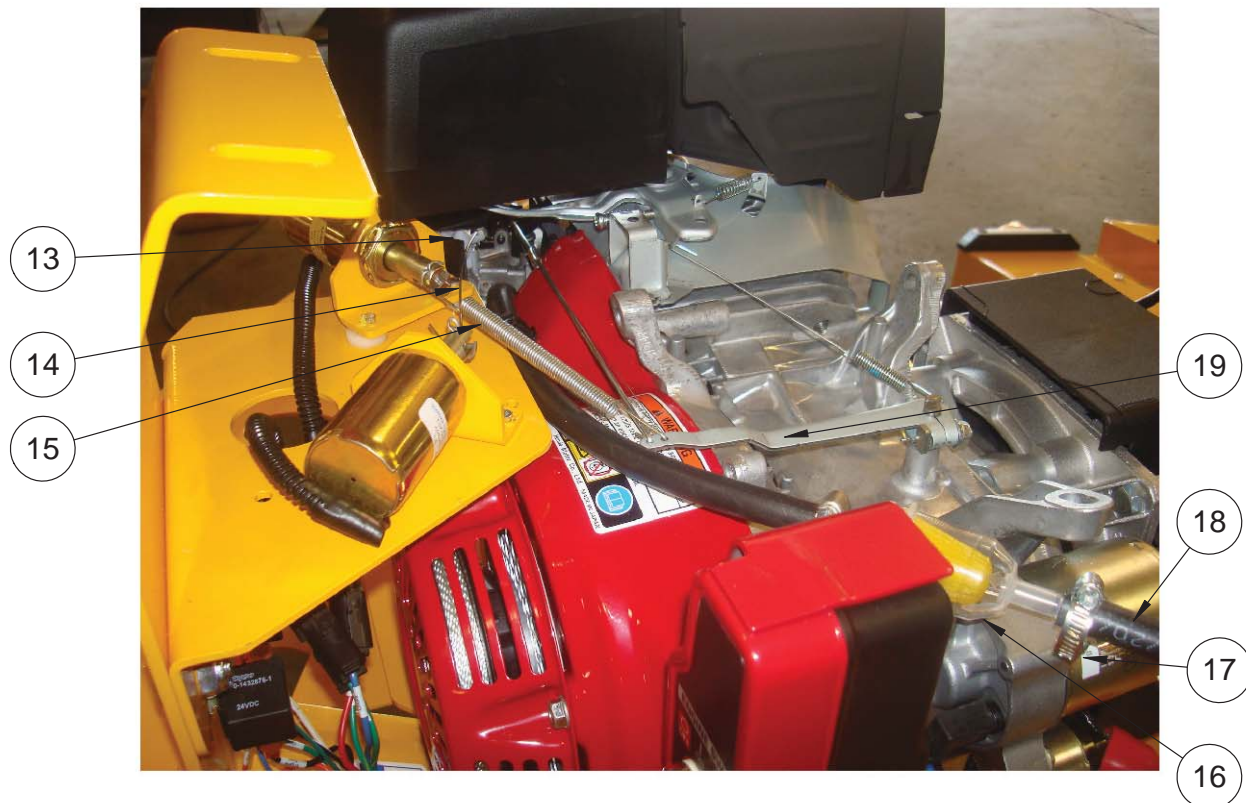
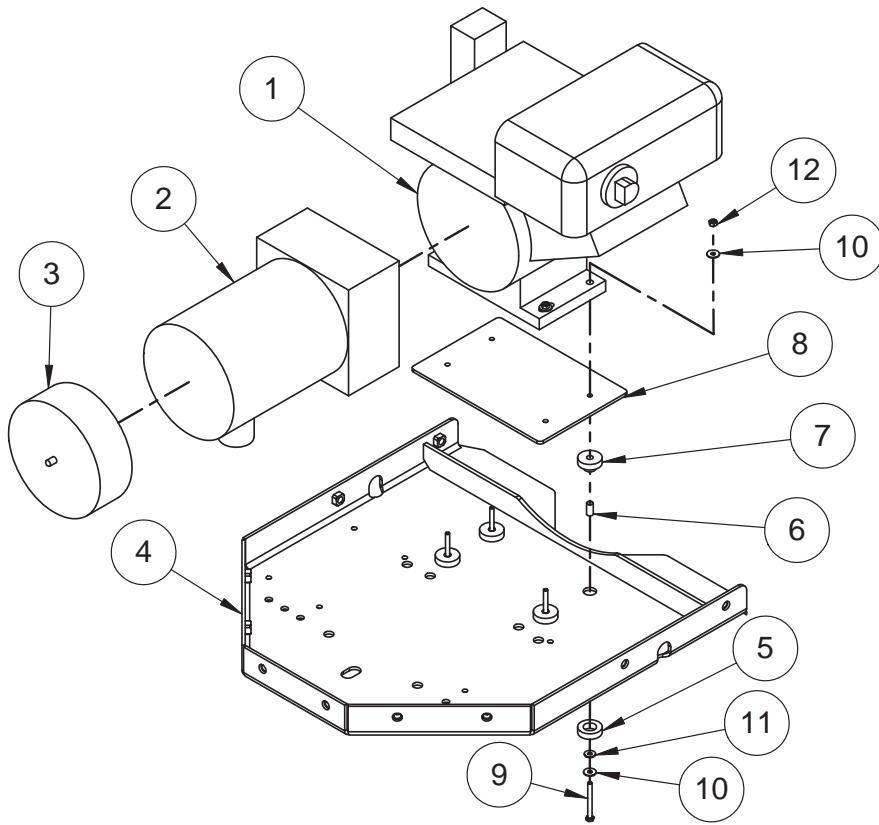
4.1 IC ENGINE / GENERATOR - ANSI, CE & AU IC ENGINE / GENERATOR - COVER & TRAY ASSEMBLY - ANSI, CE & AU



IC ENGINE / GENERATOR - COVER & TRAY ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-01425	Cover	1
2	0096-0014	Screw, Hex Head Cap - M10 x 20	8
3	A-01428	Gas Tank, Steel	1
4	A-01434	Filler Cap, Vented - for Steel Tank	1
5	B02-02-0291	Fitting, 90° # 4 MNPT - # 4 FMNPT - Brass	1
6	B02-04-0116	Valve Ball, 1/4 HB x 1/4 MBV	1
7	B02-00-0063	Hose Clamp, #4	4
8	B20-00-0021	Fuel Line-1/4 Inch	1
9	A-01437	Pad, Cover	3
10	0096-0068	Screw, Flat Head Socket Cap - 10 x 45	6
11	0096-0041	Hex Nut with Nylon Insert - M10	6
12	A-01405	Air Filter Cover	1
13	0096-0010	Screw, Hex Head Cap - M8 x 20	4
14	0096-0067	Nut -Clip - M8	4
15	A-01407	Motor, 9 HP Tapered Shaft	1
16	A-00406	Generator, 3600 rpm - 60 Hz	1
17	A-01406	Generator Cap	1
18	A-01410	Tray	1
19	A-01421	Pad	4
20	0096-0092	Screw, Flat Head Socket Cap - M10 x 30	8
21	0096-0041	Hex Nut with Nylon Insert - M10	8
22	B02-02-0181	Fitting, Engine Oil Drain	1
23	B02-01-0001	Hose, Hydraulic - # 4 x 15.0 inch #4NPTM	1
24	B02-02-0182	Fitting, Cap - Hex # 4 NPT	1
25	A-01420	Bracket	1
26	0096-0016	Screw, Hex Head Cap - M10 x 25	2
27	0096-0041	Hex Nut with Nylon Insert - M10	2
28	B01-06-0053	Relay, 24 VDC 20 Amp	2
29	0096-0125	Screw, Hex Head Cap - M5 x 16	2
30	0096-0126	Hex Nut with Nylon Insert - M5	2
31	A-00419	Mount, Solenoid	1
32	0096-0017	Screw, Hex Head Cap - M10 x 30	3
33	0096-0041	Hex Nut with Nylon Insert - M10	3
34	0096-0047	Washer, Nylon - M10	2
35	A-01408	Solenoid Bracket	1
35A	A-00410A	Solenoid Assembly, 24Volt	2
35B	A-00410	Solenoid, 24Volt - Continuous Duty	1
35C	B00-00-0170	Wire Casing - Not Shown	0.5
35D	B01-09-0092	Connector Assembly, 2 Female - Not Shown	1
34E	B01-09-0091	Terminal, Female - 16/18 Gauge - Not Shown	2
35F	B01-09-0093	Seal, Wire - 16/18 Gauge - Green - Not Shown	2
36	B39-00-0020	Spring, Tension	1
37	0090-0144	Pin, Cotter - 3/32 x 3/4	2
38	0096-0074	Screw, Hex Head Cap - M4 x 20	4
39	0096-0073	Hex Nut with Nylon Insert - M4	4

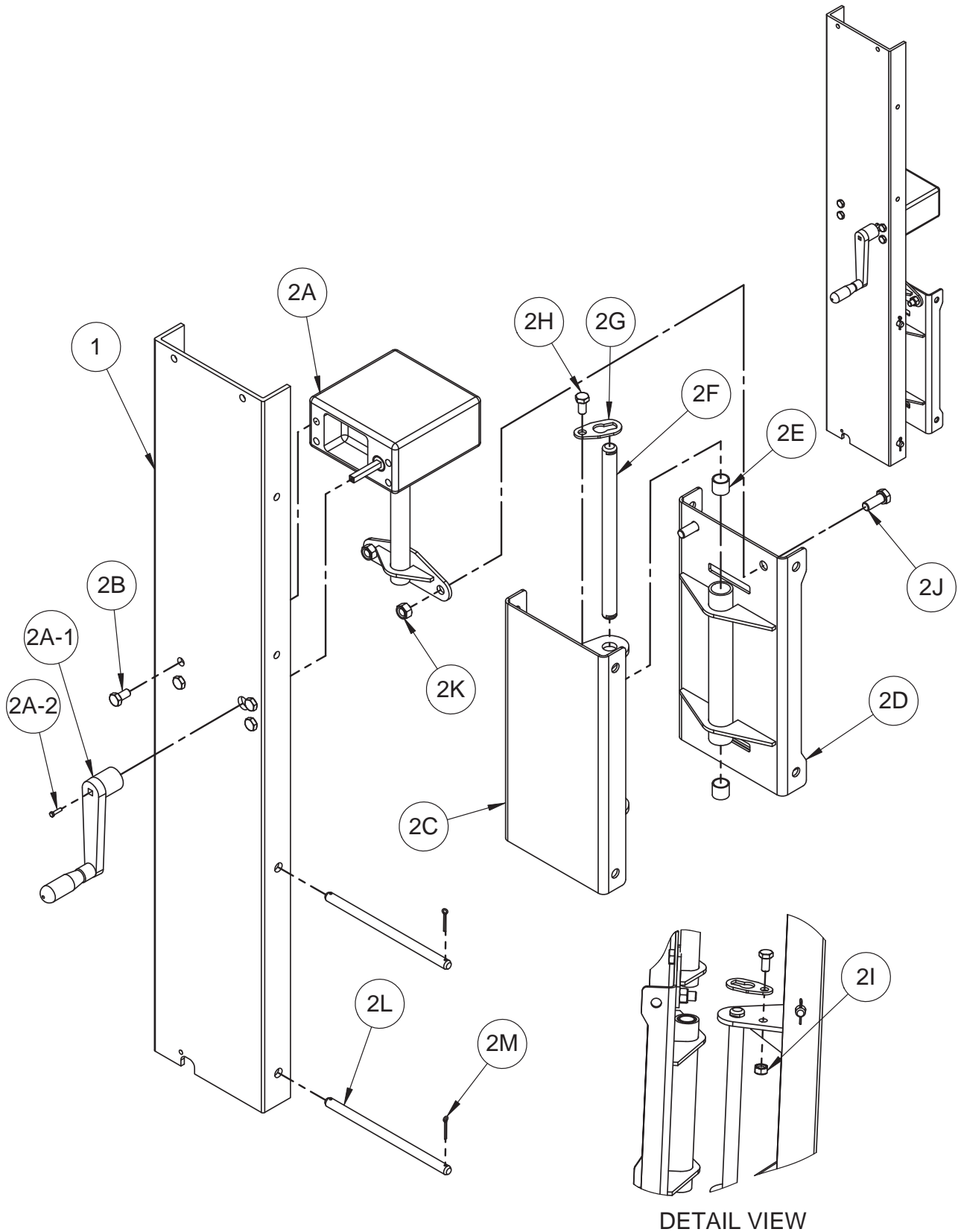
IC ENGINE / GENERATOR - MOTOR MOUNT ASSEMBLY - ANSI, CE & AU



IC ENGINE / GENERATOR - MOTOR MOUNT ASSEMBLY - ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-01407	Motor, 9 HP Tapered Shaft	Ref.
2	A-00406	Generator, 3600 rpm - 60 Hz	Ref.
3	A-01406	Generator Cap	Ref.
4	A-01410	Tray	Ref.
5	B20-00-0006	Mount Ring	4
6	B07-10-1263	Tube, .375 x .049 x .750	4
7	B20-00-0007	Mount Bushing	4
8	B07-06-5198	Plate	1
9	0096-0085	Screw, Hex Head Cap - M6 x 60	4
10	0096-0077	Flat Washer, M6 - Large	8
11	0096-0076	Flat Washer, M12 - Large	4
12	0096-0039	Hex Nut with Nylon Insert - M6	4
13	-	Choke Arm - Part of Engine	1
14	B20-00-0018	Wire, Choke Linkage - .051 gauge	1
15	B39-00-0020	Spring, Tension	1
16	B20-00-0017	Fuel Filter, Inline - 1/4 inch Ends	1
17	B02-00-0063	Hose Clamp, #4	4
18	B20-00-0021	Fuel Line-1/4 Inch	1
19	-	Governor Arm - Part of Engine	1
20	A-00413	Linkage Spring - Not Shown	1
21	B01-09-0130	Wire splice, T-Tap - 18 - 14 gauge - Not Shown	2

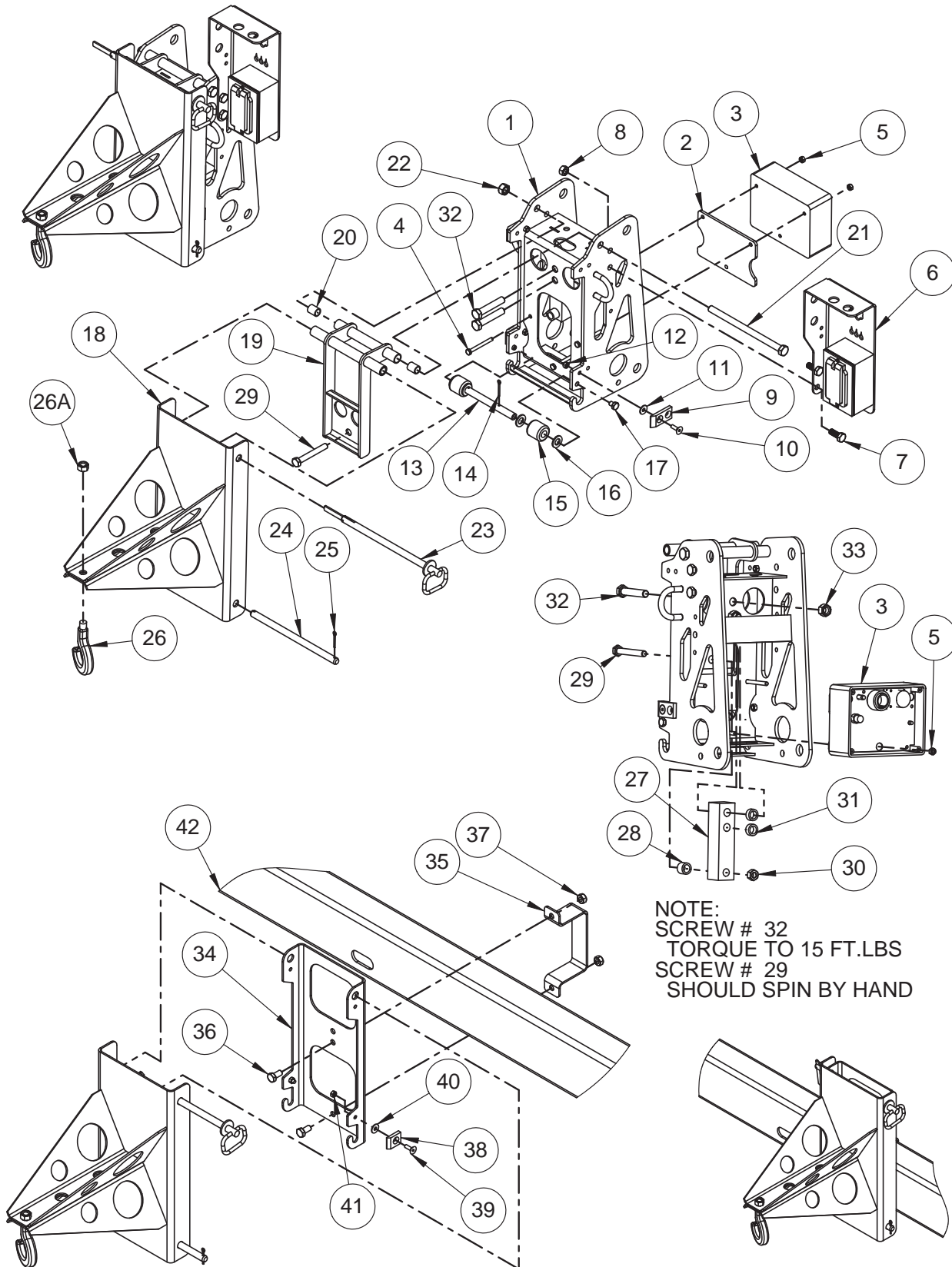
4.2 MANUAL PLATFORM ROTATER ASSEMBLY - ANSI, CE & AU



MANUAL PLATFORM ROTATE ASSEMBLY – ANSI, CE & AU

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-00449	Platform Assembly	Ref.
2	A-00300	Manual Platform Rotator Assembly	1
2A	A-00315	Gearbox	1
2A-1	A-00340	Crank Handle - Square Shaft Replaces A-00325 - Round Shaft Effective 2010	1
2A-2	-	Bolt - Supplied with Gear Box	1
2B	0096-0014	Screw, Hex Head Cap M10 x 20	4
2C	A-00308	Platform Rotate Mount Weldment	1
2D	A-00301	Platform Rotate Mount A Weldment	1
2E	A-00330	Bearing, .75 ID x .75 Long x .125 Thick	2
2F	A-00329	Pin, .75 x 10.75	1
2G	A-00017	Pin Retainer, .75	2
2H	0096-0016	Screw, Hex Head Cap - M10 x 25	2
2I	0096-0041	Hex Nut with Nylon Insert, M10	2
2J	0096-0019	Screw, Hex Head Cap - M12 x 25	2
2K	0096-0042	Hex Nut with Nylon Insert, M12	2
2L	A-00071	Pin, .5 x 8.875	2
2M	0090-0147	Pin, Cotter - 1/8 x 1 1/4	4

4.3 MATERIAL LIFT ASSEMBLY - ANSI ONLY



NOTE:
SCREW # 32
TORQUE TO 15 FT.LBS
SCREW # 29
SHOULD SPIN BY HAND

MATERIAL LIFT ASSEMBLY - ANSI ONLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	A-01846	Material Lift Option Package	1
1	A-01977	Platform Mount Weldment – LS	1
2	A-01983	Plate Spacer Load Cell Module	1
3	A-00992	Load Sense Interface Module	1
4	0096-0085	Screw, Hex Head Cap - M6 x 60	3
5	0096-0039	Hex Nut with Nylon Insert, M6	3
6	A-01979	Bulkhead Mount	Ref.
7	0096-0016	Screw, Hex Head Cap - M10 x 25	2
8	0096-0041	Hex Nut with Nylon Insert, M10	2
9	A-00038	Ramp	4
10	0096-0003	Screw, Flat Head Socket Cap - M6 x 20	8
11	0096-0077	Flat Washer, M6	8
12	0096-0039	Hex Nut with Nylon Insert - M6	8
13	A-00994	Load Sense Roller Bar	1
14	0090-0147	Cotter Pin, 1/8 x 1 1/4	2
15	A-00995	Load Sense Roller	2
16	0096-0046	Flat Washer, M12	4
17	0096-0009	Screw, Hex Head Cap - M8 x 10	2
18	A-00480	Material Boom Weldment	1
19	A-00982	Load Sense Weldment	1
20	A-00033	Bearing, Composite - .50 x .625 x .75	4
21	0096-0055	Screw, Hex Head Cap - M12 X 190	1
22	0096-0042	Hex Nut with Nylon Insert - M12	1
23	A-00028	Clevis Pin with Tension Lock	1
24	A-00071	Pin, 0.5" x 8.875"	1
25	0090-0147	Cotter Pin, 1/8 x 1 1/4	2
26	A-00485	Hook with Latch	1
26A	-	Castle Nut	1
26B	0090-0147	Cotter Pin, 1/8 x 1 1/4 - Not Shown	1
27	A-00988-1	Load Cell With Turck Connector	1
28	A-00990A	Load Sense Spacer A	1
29	0096-0069	Screw, Hex Head Cap - M10 x 75 - Bolt should Spin by Hand	1
30	0096-0041	Hex Nut with Nylon Insert, M10	1
31	A-00990B	Load Sense Spacer B	2
32	0096-0086	Screw, Hex Head Cap - M12 x 65 - Torque to 15 Ft. Lbs.	2
33	0096-0042	Hex Nut with Nylon Insert - M12	2
34	A-00155	Material Lift Storage Bracket	1
35	A-01156	Material Storage Clamp	1
36	0096-0016	Screw, Hex Head Cap - M10 x 25	2
37	0096-0041	Hex Nut with Nylon Insert, M10	2
38	A-00037	Ramp - Short	4
39	0096-0003	Screw, Flat Head Socket Cap - M6 x 20	4
40	0096-0077	Flat Washer, M6	2
41	0096-0039	Hex Nut with Nylon Insert - M6	4
42	A-03160	Tongue Tube	Ref.
43	0090-0552	Key Ring - Not Shown	1

MATERIAL LIFT HOOK - ANSI ONLY

If the aerial work platform is equipped with a Material Lifting Hook, observe the following procedure for material lift operation:

- Remove the Platform Control Box from the work platform by releasing the latch on the back of the control box.
- Disconnect the Platform Control Box from the Load Sense Module located on the Boom Lift Bulkhead.
- Disconnect the electric loopback plug from the receptacle on the bottom right of the Ground Control Box and insert it into the Platform Control Box. See Figures 8-1 & 8-2.

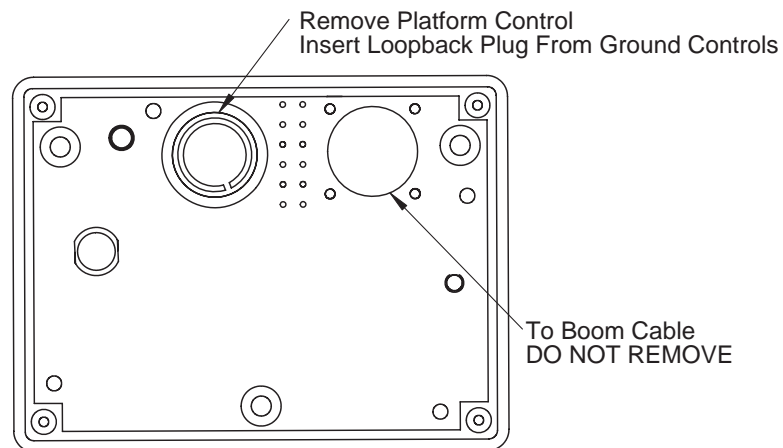


Figure 8-1. Load Sense Module

Loopback Plug
Remove and replace
with Platform Controls Plug.



Figure 8-2. Ground Control Panel Receptacle

- Insert the removed electric loopback plug into the open receptacle on the load sense module, replacing the platform control cable.

MATERIAL LIFT HOOK (CONTINUED) - ANSI ONLY

- Firmly secure the platform to prevent equipment damage.
- Remove the clevis pin holding the platform to the boom lift. See Figure 8-3
- Remove the platform from the boom by lifting the cage up and away from the mounting bracket on the boom nose. See Figure 8-3.

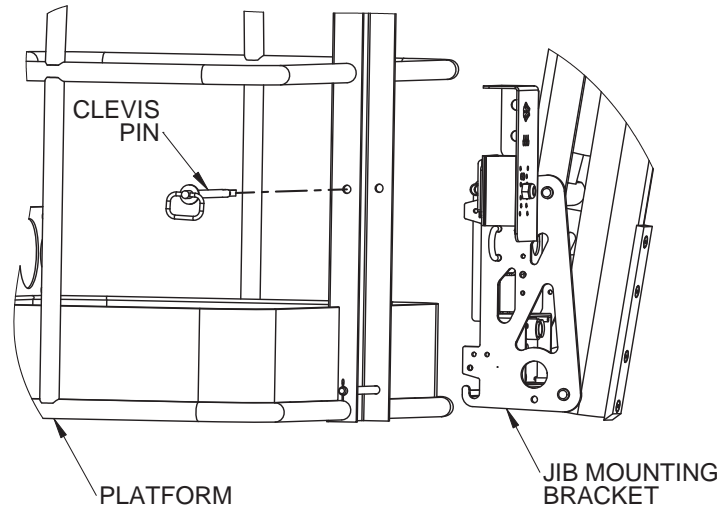


Figure 8-3. Platform Removal

- Attach the material lifting hook to the jib mounting bracket on the boom nose, re-insert the clevis pin. See Figure 8-4.
- Verify that the Key Switch is in the correct position for operation using the Platform Control Box.
- For optimal control operate the material lifting hook remotely, using the Platform Control Box.
- Reverse this procedure to reattach the Work Platform.

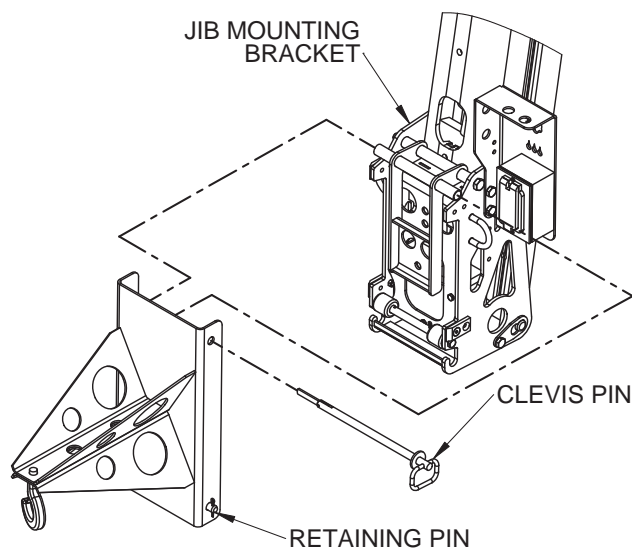


Figure 8-4. Material Lifting Hook Installation

MATERIAL LIFT HOOK (CONTINUED) - ANSI ONLY

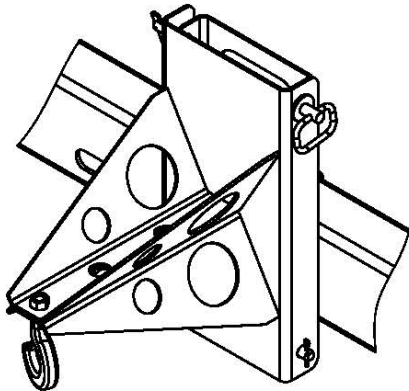


Figure 8-5. Material Lift “Stowed” Position

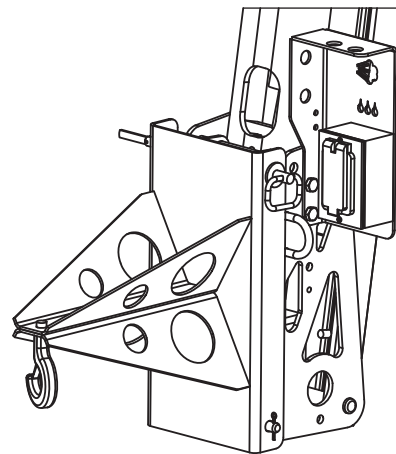


Figure 8-6. Material Lift “In Use” Position

WARNING

ALWAYS observe the manufacturer’s weight lifting limitations when using the material lifting hook. **ALWAYS** use lifting straps or wire rope slings that are rated at a minimum 500 lbs. lifting capacity. **NEVER** stand beneath an elevated load or position an elevated load above personnel. Falling objects could cause death or serious injury.

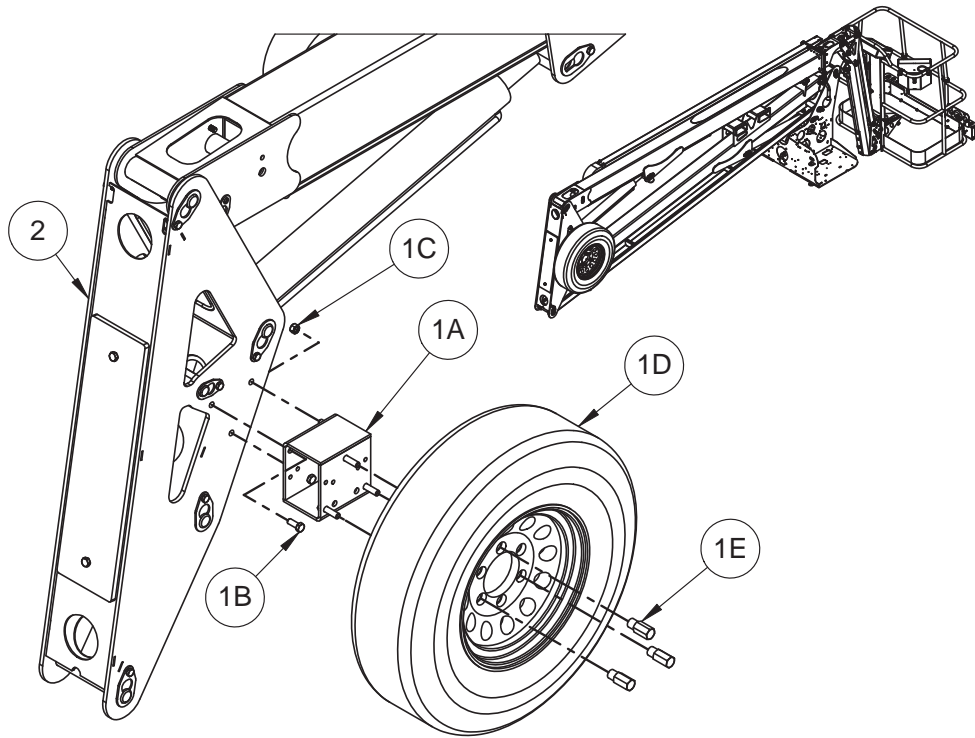
DANGER

This aerial work platform is not insulated for use near electrical power lines and **DOES NOT** provide protection from contact with or close proximity to any electrically charged conductor. Operator must maintain safe clearances at all times and always allow for platform movement such as wind-induced sway. Refer to Table 1-1 for minimum safe approach distances between the aerial work platform and electrical power lines.

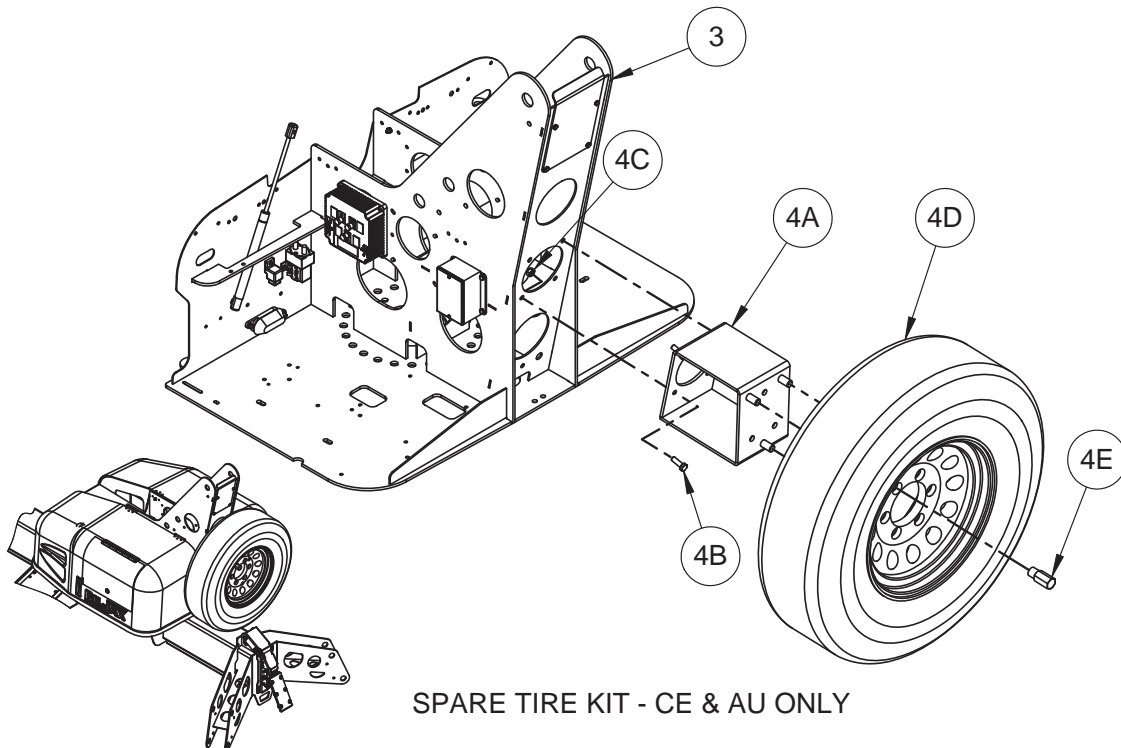
NOTE: To recalibrate the load sense, refer to the “Overload Protection Calibration Procedure” located in the “Equipment Maintenance” section of this manual.

THIS PAGE INTENTIONALLY LEFT BLANK

4.4 SPARE TIRE ASSEMBLY – ANSI, CE & AU



SPARE TIRE KIT - ANSI ONLY



SPARE TIRE KIT - CE & AU ONLY

SPARE TIRE ASSEMBLY - ANSI, CE & AU**ANSI**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-03858	Spare Tire & Mount Kit	1
1A	A-03331	Spare Tire Mount	1
1B	0096-0020	Screw, Hex Head Cap - M12 x 30	3
1C	0096-0042	Hex Nut with Nylon Insert, M12	3
1D	B08-02-0031	Wheel Assembly	1
1E	0090-1075	Lug Nut	3
2	A-02320	Triangle Weldment	Ref.

CE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
3	A-03200	Turntable Weldment	Ref.
4	A-03860	Spare Tire and Mount Kit	1
4A	A-03331CE	Spare Tire Mount	1
4B	0096-0017	Screw, Hex Head Cap - M10 x 30	4
4C	0096-0041	Hex Nut with Nylon Insert, M10	4
4D	A-05617	Wheel	1
4E	0096-0134	Lug Nut - M16	3



125 Taylor Parkway
Archbold, Ohio 43502

Phone (800) 537-0540
(419) 445-8915

Fax (419) 445-0367

www.haulotte-usa.com

Distributed by: