LIMITED PRODUCT WARRANTY CERTIFICATE

Terex USA, LLC (a "Seller"), warrants its new equipment and parts manufactured and sold worldwide, to be free, under normal use and service, of any defects in manufacture or materials for a period of twenty-four (24) months after the date of delivery provided that (1) Seller receives written notice of the defect within thirty (30) days of its discovery and Buyer establishes that (i) the equipment has been maintained and operated within the limits of rated and normal usage; and (ii) the defect did not result in any manner from the intentional or negligent action or inaction by Buyer, its agents or employees and (2) a new machine registration certificate has been completed, signed and delivered to Seller within thirty (30) days of the equipment's invoice date. If requested by Seller, Buyer must return the defective equipment to Seller's manufacturing facility, or other location designated by Seller, for inspection, and if Buyer cannot establish that conditions, (1) (i) and (1) (ii) above have been met, then this warranty shall not cover the alleged defect. All other standard warranty rules apply.

Seller's obligation and liability under this warranty is expressly limited to, at Seller's sole option, repairing or replacing, with new or remanufactured parts or components, any part, which appears to Seller upon inspection to have been defective in material or workmanship. Such parts shall be provided at no cost to the owner, FOB Seller's parts facility. If requested by Seller, components or parts for which a warranty claim is made shall be returned to Seller at a location designated by Seller. All components and parts replaced under this limited product warranty become the property of Seller.

This warranty shall be null and void if parts (including wear parts) other than genuine OEM Seller parts are used in the equipment.

Accessories, assemblies and components included in the Seller equipment, which are not manufactured by Seller, are subject to the warranty of their respective manufacturers. Normal maintenance, adjustments, or maintenance/wear parts, including without limitation friction plates, glass, clutch and brake linings, filters, wire rope and paint, are not covered by this warranty and are the sole maintenance responsibility of Buyer.

SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

No employee or representative is authorized to modify this warranty unless such modification is made in writing and signed by an authorized officer of Seller.

Seller's obligation under this warranty shall not include duty, taxes, environmental fees, including without limitation, disposal or handling of tires, batteries, petrochemical items, or any other charges whatsoever, or any liability for direct, indirect, incidental, or consequential damages.

Improper maintenance, improper use, abuse, improper storage, operation beyond rated capacity, operation after discovery of defective or worn parts, accident, sabotage or alteration or repair of the equipment by persons not authorized by Seller shall render this warranty null and void. Seller reserves the right to inspect the installation of the product and review maintenance procedures to determine if the failure was due to improper maintenance, improper use, abuse, improper storage, operation beyond rated capacity, operation after discovery of defective or worn parts, or alteration or repair of the equipment by persons not authorized by Seller.

Structural Warranty: Warranty of major welded structural components such as carrier frame, superstructures, boom sections, deck, carbody, side frames, inner and outer mast sections and jibs, will be covered for a total of sixty (60) months

Parts Warranty: Seller warrants the parts ordered from the Seller's parts to be free of defect in material or workmanship for a period of 12 months after date of shipment from the factory.

NO TRANSFERABILITY OF WARRANTY: This warranty is limited to the original purchaser or original end-user if sold to a distributor, and is not assignable or otherwise transferable without the written agreement of Seller. Please contact your local distributor for additional details if needed.

ITEMS NOT COVERED BY SELLER WARRANTY

The following items are **NOT** covered under the Seller Warranty (the following list is not exhaustive):

1. Items sold by any individual, corporation, partnership or any other organization or legal entity that is not an authorized Seller distributor.

2. Components which are not manufactured by Seller are not covered by Seller's warranty. Such components are covered only by the warranty that is provided by the manufacturer of such components. Such components may include, but are not limited to, chassis, engines, air compressors, batteries, tires, customer supplied products.

3. Replacement of assemblies: Seller has the option to repair or replace any defective part or assembly. It is Seller's policy to refuse claims for the replacement of a complete assembly that is field repairable by the replacement or repair of defective part(s) within the assembly.

4. Normal Operational Maintenance Services and Wear Parts: Maintenance services and wear parts are excluded from warranty claims. Maintenance services and wear parts **not covered** include, but are not limited to, such items as: seals, gaskets, hoses, friction plates, glass, clutch and brake linings, filters, wire rope, exterior coatings**,** proper tightening of bolts, nuts and fittings, adding or replacing of fluids, filter, breathers, belts, nozzles, adjustments of any kind, services supplies such as hand cleaners, towels and lubricants, inspections, diagnostic time.

5. Transportation cost and/ or damage: Any damage caused by carrier handling is a transportation claim and should be filed immediately with the respective carrier.

6. Deterioration: Repairs, work required or parts exposed as the result of age, storage, weathering, lack of use, demonstration use, or use for transportation of corrosive chemicals.

7. Secondary Failures: Should the owner or operator continue to operate a machine after it has been noted that a failure has occurred, Seller will not be responsible under the warranty for resultant damage to other parts due to that continued operation.

8. Workmanship of Others: Seller does not accept responsibility for improper installation or labor costs or costs of any kind from personnel other than authorized Seller distributor personnel.

9. Stop and Go Warranty: Seller does not recognize "Stop and Go" warranties.

10. Incidental or Consequential Damage: SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF PRODUCTION, INCREASED OVERHEAD, LOSS OF BUSINESS OPPORTUNITY, DELAYS IN PRODUCTION, COSTS OF REPLACEMENT COMPONENTS AND INCREASED COSTS OF OPERATION THAT MAY ARISE FROM THE BREACH OF THIS WARRANTY. Customer's sole remedy shall be limited to (at Seller's sole option) repair or replacement of the defective part.

THIS WARRANTY IS EXPRESSLY IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) AND ALL OTHER OBLIGATIONS OR LIABILITY ON SELLER'S PART. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE LIMITED WARRANTY CONTAINED HEREIN. Seller neither assumes nor authorizes any other person to assume for Seller any other liability in connection with the sale of Seller's equipment. This warranty shall not apply to any of Seller's equipment or any part thereof which has been subject to misuse, alteration, abuse, negligence, accident, acts of God or sabotage. No action by any party shall operate to extend or revive this limited warranty without the prior written consent of Seller. In the event that any provision of this warranty is held unenforceable for any reason, the remaining provisions shall remain in full force and effect.

IN THE EVENT OF ANY BREACH OF THE WARRANTY BY SELLER, SELLER'S LIABILITY SHALL BE LIMITED EXCLUSIVELY TO THE REMEDIES (AT SELLER'S SOLE OPTION) OF REPAIR OR REPLACEMENT OF ANY DEFECTIVE EQUIPMENT COVERED BY THE WARRANTY. IN NO EVENT SHALL SELLER, OR ANY SUBSIDIARY OR DIVISION THEREOF BE LIABLE FOR INCIDENTAL, INDIRECT, CONSEQUENTIAL OR OTHER DAMAGES OR LOSSES RESULTING FROM A BREACH OF WARRANTY INCLUDING, WITHOUT LIMITATION, LABOR COSTS, LOSS OF USE OF OTHER EQUIPMENT, THIRD PARTY REPAIRS, LOST PROFITS, LOST TIME, TOWING OR HAULING OF EQUIPMENT, RENTAL COSTS, PERSONAL INJURY, EMOTIONAL OR MENTAL DISTRESS, IMPROPER PERFORMANCE OR WORK, PENALTIES OF ANY KIND, LOSS OF SERVICE OF PERSONNEL, OR FAILURE OF EQUIPMENT TO COMPLY WITH ANY FEDERAL, STATE OR LOCAL LAWS.

TEREX®



BT3870
Parts Manual

Revised: December 2013 **12261-340**

TEREX®



BT3870
Parts Manual

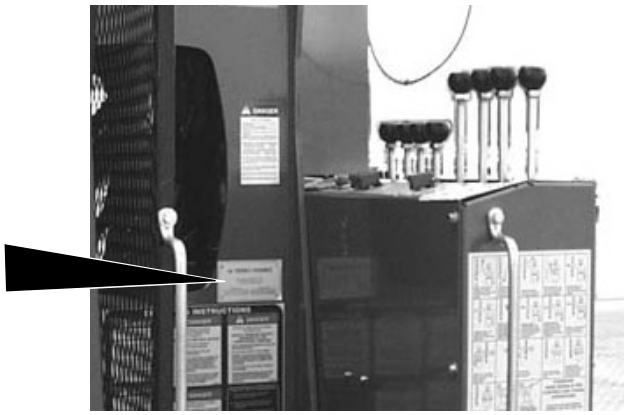
Revised: December 2013 **12261-340**

INSTRUCTIONS FOR ORDERING PARTS

When ordering parts, contact your nearest Terex Cranes distributor and give the following information to assure prompt service:

MACHINE IDENTIFICATION:

State the model and serial number, located on a plate affixed to the machine as shown in the image.



PART IDENTIFICATION:

State the part number, description and quantity required. Do not use the item number. Avoid using the words “Pairs” or “Sets”.

REF.	PART.NO.	DESCRIPTION	QTY.
1	656-00008	Boom Decal Kit	1

SHIPPING INSTRUCTIONS:

State the invoicing address. Unless otherwise specified, invoices will be mailed to the shipping address.

State the correct shipping address and the means of shipment: parcel post, air mail, air freight, UPS, bus, etc.

INVOICE TO:	SHIP TO:
Mid State Equipment	Ace Construction Co.
Milwaukee, WI	Madison, WI

USING THIS PARTS BOOK

This Parts Manual has been designed for optimum ease of reading and is the key to Customer-Distributor-Factory communication. Genuine replacement parts, along with interchangeable product improvements as they become available, will keep your machine in a reliable and productive condition.

The following instructions describe the features of the manual and how to use it effectively.

Use this manual also as a supplement to the Operator's Manual and Maintenance Manual when performing service procedures on the machine.



IMPORTANT

This manual lists serviceable parts for **EVERY** machine built of this model designation. Serial numbers are used to identify parts when a product improvement is made or an alternate component is used. **KNOW THE SERIAL NUMBER OF YOUR MACHINE** before searching for replacement parts.

The **PARTS GROUP INDEX** shows the functional arrangement of associated parts for the machine. A group number identifies the same group of parts regardless of model (Group 25 is always the hydraulic system). The groups which apply to the machine are listed in numerical order. A letter suffix to a group number, 25A, is used for variable parts groups.

PAGE NUMBERS are in numerical sequence within each parts group. The first number is the group number and the second number is the numerical sequence number. Letter suffixes are used to maintain continuity to the manual as revisions are incorporated (1.1, 1.2, 1.2A, 1.2B, 1.3, etc.).

EXPLODED VIEW ILLUSTRATIONS show the relationship of assembled parts. The illustrations are keyed to an accompanying parts list on the same page or on the facing page and are positioned for ease in reading the manual.

LOCATING INDIVIDUAL PARTS

1. Turn to the PARTS GROUP INDEX and find the general area of the part in question. (Example: Throttle Control be found in “Operator’s Controls” Group 28).

2. Refer to the partsgroup and check to see if a subsequent letter-designated group is used. Check the title block on the pages to determine the application of the group to your particular machine.

BOOM ASSEMBLY	39

JIB ASSEMBLY	39A

3. Major assemblies are shown at the beginning of each group with page references to component parts breakdowns on the pages which follow. Briefly skim through the group to familiarize yourself with the information included in it. Locate the illustration and parts list which pertain to the assembly or part you desire. Compare the serial number of your machine to those which may appear on the page to be sure you are ordering the correct part.

4. Item numbers on the illustration correspond to those in the parts list. Parts not shown with an item number are the same as identical or symmetrical parts with an item number. Parts keyed with an asterisk or other symbol are included in a repair kit. If no part number is shown, these parts cannot be ordered separately.

5. Quantities are shown as required per component assembly unless otherwise noted.

6. If an assembly is listed without any serviceable parts, it must be ordered complete. Serviceable parts of components are listed under the component part or a subsequent page as indicated.

7. All hardware shown without the size listed after the noun name is specially made for the particular application and must not be substituted with standard hardware.

TEREX

BT3870

PARTS GROUPS

LOWER

2 CARRIER FRAME
- 2.1) Truck Chassis (Single Axle)
- 2.2) Truck Chassis (TANDEM Axle)
- 2.3) Truck Attach Main ASSY
- 2.5) Subframe Mainframe Assembly
- 2.7) Subframe Assembly
- 2.8) Mainframe-Console Assembly
- 2.9) Cover, Swing-Motor
- 2.10) Midmount Tiedown ASSY
- 2.11) Flatbed Options
- 2.12) Flatbed Installation (STD Duty)
- 2.13) Flatbed Installation (Super Duty)
- 2.14) Boom Rest Assembly
- 2.15) Platform U.S. Street Side
- 2.17) Platform U.S. Curb Side
- 2.19) Fire Extinguisher

3 OUTRIGGERS
- 3.1) Outriggers
- 3.2) Main Outrigger Assembly
- 3.4) Main Outrigger Cylinder
- 3.5) Auxiliary Outrigger Assembly
- 3.6) Auxiliary Outrigger Cylinder

8 STEEL PLATFORM
- 8.1) 2 - Man Steel Platform Installation
- 8.2) 2 - Man Platform Assembly

UPPER

12 SUPERSTRUCTURE
- 12.1) Mainframe Turret Installation Non - Continuous Rotation

HYDRAULICS

22 SWING SYSTEM
- 22.1) Swing Drive W/Area DEF Box
- 22.3) Swing Bearing

24 PUMP DRIVE CASE
- 24.1) Hydraulic Pump Options
- 24.2) Hydraulic Pump Assembly (Vickers)

25 HYDRAULIC SYSTEM
- 25.1) Hydraulic INSTL Non Continuous - Combined Flow (1 Speed)
- 25.4) Hydraulic INSTL Non Continuous - Motor Shift (2 Speed)
- 25.7) Hydraulic INSTL Continuous Rotation Combined Flow (1 Speed)
- 25.10) Hydraulic INSTL Continuous Rotation Motor Shift (2 Speed)
- 25.13) Hydraulic INSTL, Main O/R Non Continuous - Combined Flow / Motor Shift
- 25.14) Hydraulic INSTL, Main O/R Non Continuous / Continuous Rotation Combined Flow
- 25.15) Hydraulic INSTL, Sub Frame - Main Frame
- 25.19) Hydraulic INSTL, Main Frame ASSY - Non Continuous Combine Flow
- 25.22) Hydraulic INSTL, Main Frame ASSY - Non Continuous Motor Shift
- 25.25) Hydraulic INSTL, Main Frame ASSY - Continuous ROT Combine Flow
- 25.29) Hydraulic INSTL, Main Frame ASSY - Continuous ROT Motor Shift
- 25.33) Hydraulic Reservoir Installation (70 GAL)
- 25.35) Hydraulic Tank (70 GAL)
- 25.36) Hydraulic INSTL, Console Control - Continuous Rotation & Non Continuous Combined Flow
- 25.39) Hydraulic INSTL, Console Control - Continuous Rotation & Non Continuous Motor Shift
- 25.42) Center Post INSTL CONT ROT
- 25.44) Valve ASSY
- 25.45) Valve SUBASSY, Winch
- 25.46) Valve ASSY, LMI
- 25.47) Outrigger Valve

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PARTS GROUPS

28 OPERATOR'S CONTROLS
28.1) Control Console Assembly
28.3) Control Link ASSY, Winch
28.4) Control Link ASSY, Boom TELE
28.5) Control Link ASSY, Swing
28.6) Control Link ASSY, Boom Hoist
28.7) Throttle Control
28.8) Outrigger, Control Box Assembly
28.9) Outrigger, Control Box Assembly

30 DECALS & PLACARDS
30.1) Marking Decal - Truck, Flatbed & HYD Tank
30.3) Marking Decals, Mainframe Turret & Console
30.5) Marking Decal, Boom
30.7) Marking Decals, Jib - Black Terex
30.9) Marking Decals, Jib - White Terex
30.11) Marking Decals, Jib - Inching Winch (Optional)

ELECTRICAL

33 ELECTRICAL SYSTEM
33.1) Electrical System - Console Controls
33.2) Electrical Assembly - Mainframe
33.4) Switch Box Assembly, Outriggers
33.5) Switch Box INSTL, Outriggers
33.6) Electrical Assembly - Subframe

WINCH, BOOM & ATTACHMENTS

39 HYDRAULIC TELESCOPING BOOM
39.1) Boom ASSY, 70FT
39.6) Sheave Assembly, Boom Retract
39.7) Sheave Assembly
39.8) Cylinder ASSY, Boom Extend
39.9) Structural Assembly (Boom & Hoist Cylinder)
39.11) Boom & Hoist Cylinder

39A JIB
39A.1) Jib Assembly - Single Stage
39A.2) Jib Installation
39A.4) Jib ASSY, 24FT - 1 Stage
39A.6) Jib ASSY - Two Stage
39A.7) Jib ASSY, 24 - 40FT - 2 Stage

40 HYDRAULIC WINCH
40.1) Winch Assembly
40.3) Winch Assembly, 12K & 2 Speed
40.5) Hydraulic Motor Sub-ASSY

44 HOOK BLOCKS, BALLS
44.1) Hook Block ASSY, 1 Sheave, 15T
44.2) Hook Block 1 Sheave, 15T
44.4) Hook Block ASSY, 2 Sheave, 25T
44.5) Hook Block 2 Sheave, 25T
44.7) Hook Ball, 6-1/4T
44.8) Hook Ball - 7 TON Swivel
44.10) Hook Ball - 7 TON Non-Swivel

45 WIRE ROPE, PENDANTS & REEVING
45.1) Wire Rope

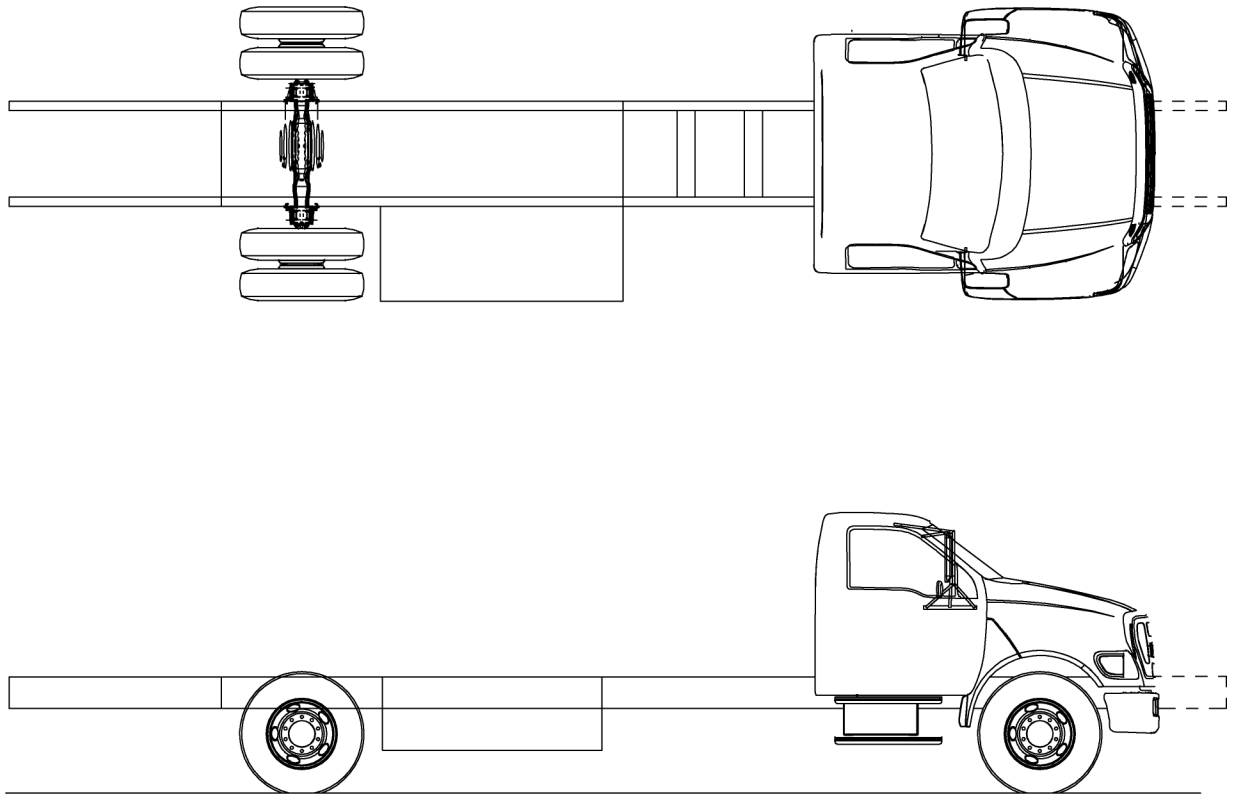
ACCESSORIES

51 OPTIONAL EQUIPMENT
51.1) Tool Box Installation - 36"
51.2) Tool Box Installation - 30"
51.3) Oil Cooler Installation
51.5) Front Jack Installation (34" Frame)
51.7) Front Jack Installation (46" Frame)
51.9) HYD Tank Shut Off ASSY
51.10) Radio Remote ASSY
51.12) Radio Remote Control System
51.13) Radio Remote Control Actuator Valve Assembly
51.14) Actuator-Linkage-Kit
51.15) Actuator-Linkage - SUBASSY - 3.72
51.16) Actuator-Linkage - SUBASSY - 4.59
51.17) Actuator-Linkage - SUBASSY - 5.46
51.18) Actuator-Linkage - SUBASSY - 6.32
51.19) Swing Cut - Out Kit
51.20) Inching Winch

52 VGA DISPLAY & COMPUTER
52.1) VGA Display, Greer Insight
52.2) Greer UG500R Computer
52.3) Computer Greer A450658
52.4) Computer Greer A450858 (Beginning W/S.N. # 140716)

55 RECOMMENDED SPARE PARTS
55.1) Recommended Spare Parts List

58 MANUALS
58.1) Manuals



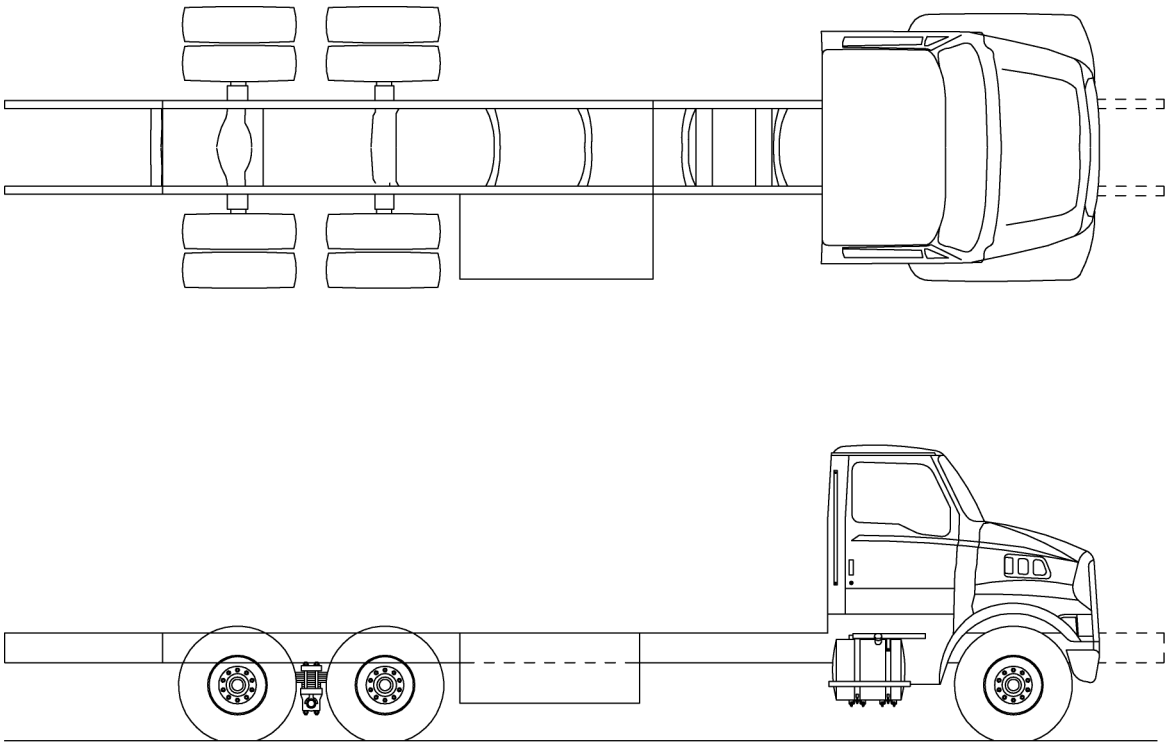
REF	PART NO.	DESCRIPTION	QTY
	660-00053-2 (Rev A)	*Single Axle Chassis*	

Refer to Truck Chassis manufacturer (Ford F-750 from Don's Truck Sales) for truck repair/replacement parts.

RECORD VEHICLE/MACHINE INFORMATION BELOW FOR USE WHEN ORDERING PARTS

Truck Chassis Manufacturer_____ Model _____	Comments
Boom Truck Model No. _____ Serial No. _____	Comments
Optional Equipment _____	Comments

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



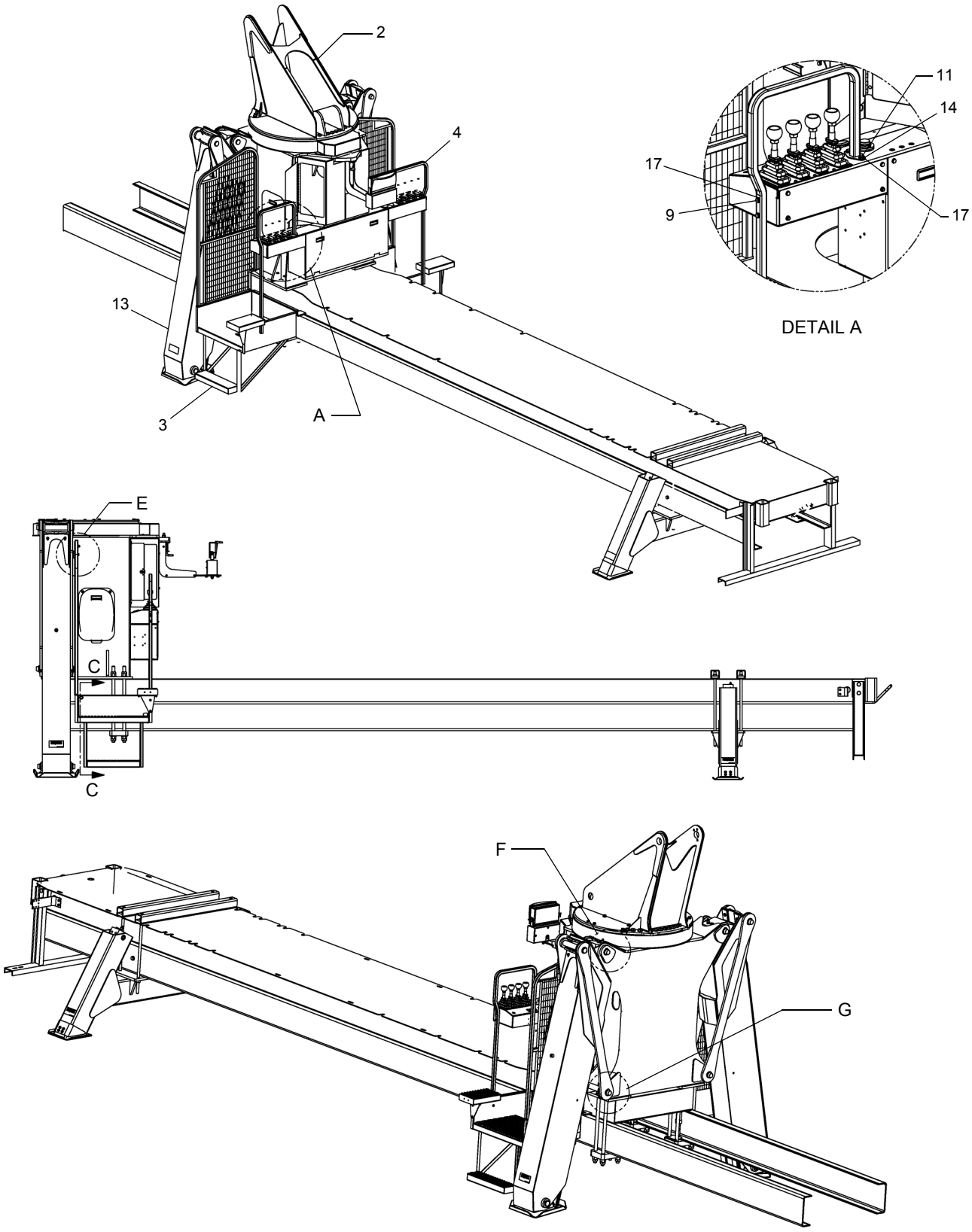
REF	PART NO.	DESCRIPTION	QTY
	660-00053-3 (Rev A)	*Tandem Axle Chassis*	

Refer to Truck Chassis manufacturer (Freightliner M2 106 from Truck Country) for truck repair/replacement parts.

RECORD VEHICLE/MACHINE INFORMATION BELOW FOR USE WHEN ORDERING PARTS

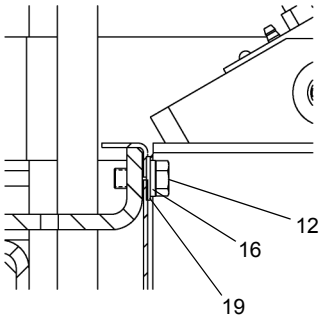
Truck Chassis Manufacturer_____ Model _____	Comments
Boom Truck Model No. _____ Serial No. _____	Comments
Optional Equipment _____	Comments

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

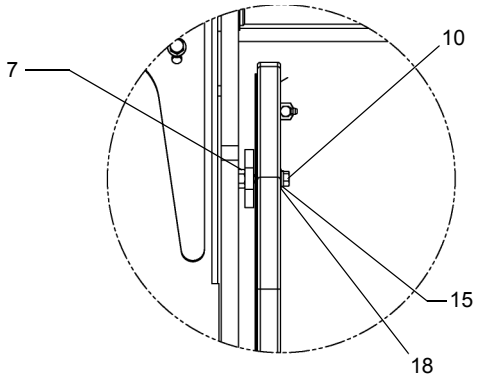


SEE PAGE 2.4

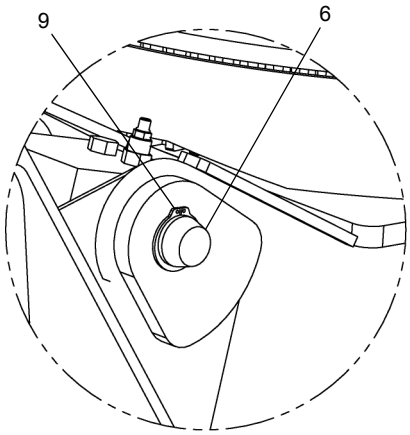
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



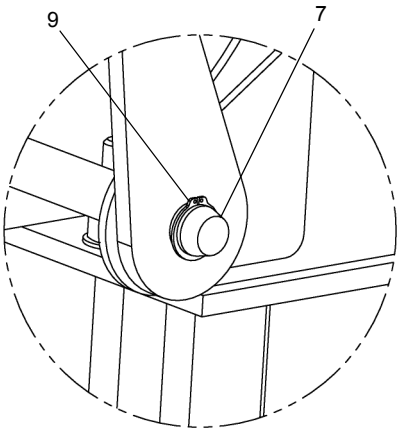
SECTION C-C



DETAIL E



DETAIL F



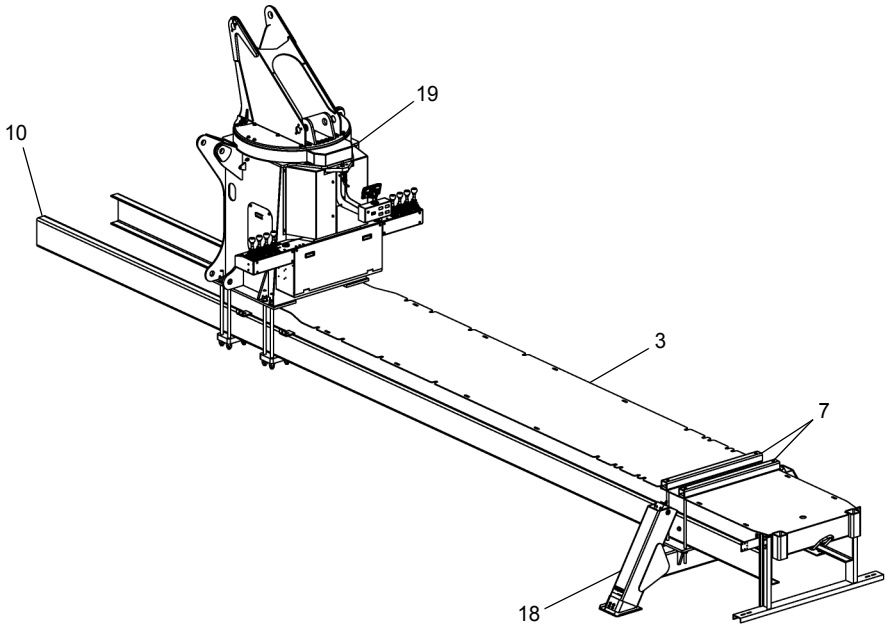
DETAIL G

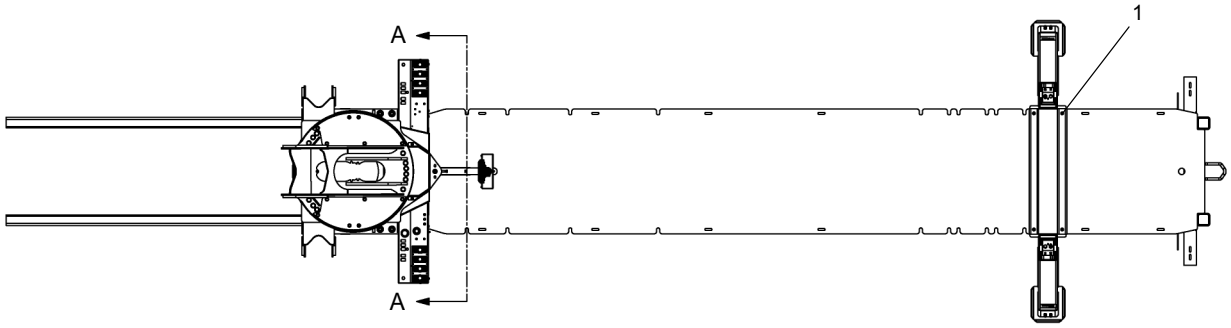
SEE PAGE 2.3

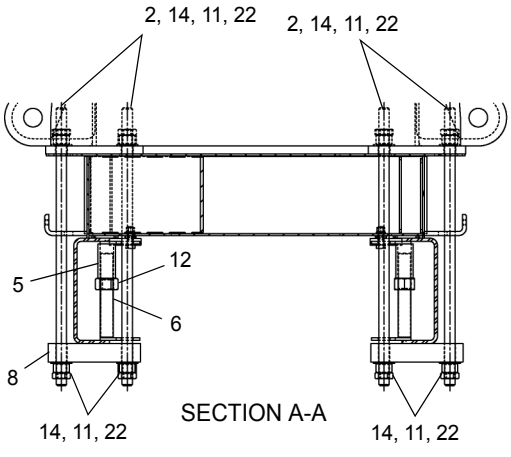
REF	PART NO.	DESCRIPTION	QTY
	695-10019 (Rev C)	*Truck Attach Main Assembly*	
1*	655-00011	Decal Location Truck, Flatbed H	1
2	695-10018	Subframe-mainframe ASSY	1
3	695-10026-1	Plat Form U.S Street Side	1
4	695-10026-2	Plat Form U.S. Curb Side	1
5*	870-80020	Pin, Outrigger 1.75 X 12.20	2
6	870-80021	Pin, Outrigger 1.75 X 12.875	2
7	NYT-375C000-22	Nut, NYLK HVYTHN 0.375-16, ST Z G2	2
8*	REX-A75X109-BP	Ring, EXTSNP HVY 1.75X0.109, ST BP	8
9	S01-250CA75-25	SCR, HHCS 0.25-20X1.75, ST Z GR5	4
10	S01-375CB25-25	SCR, HHCS 0.375-16X2.25, ST Z GR5	2
11	SHF-250C625-25	SCR, HHCS FT 0.25-20X0.625, STZ G5	4
12	SHF-500CA00-25	SCR, HHCS FT 0.50-13X1.00, ST Z G5	4
13	T124906	Main Outrigger ASSY	2
14	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	4
15	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	2
16	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4
17	WAN-25NX000-20	WSH, FL TYPA-NRW 0.25, ST Z	8
18	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST Z	2
19	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	4

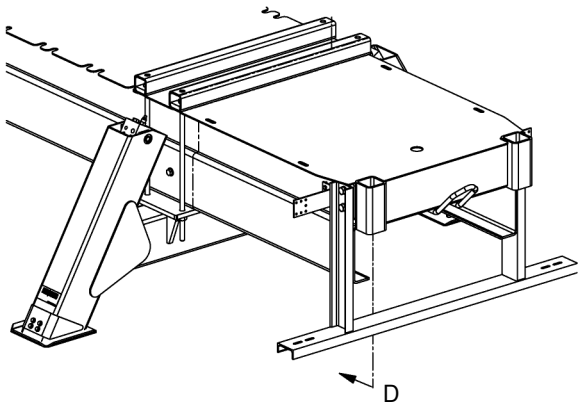
* ITEMS 1, 5 & 8 ARE NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

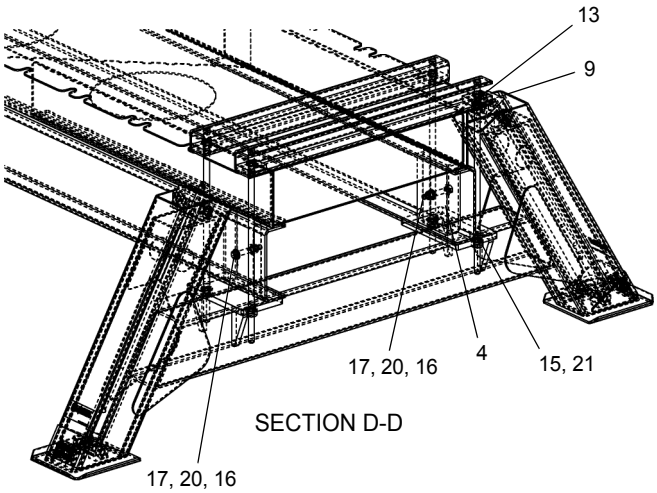

19
10
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18


A
1
A


2, 14, 11, 22
2, 14, 11, 22
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14, 11, 22
SECTION A-A
14, 11, 22


D

SEE PAGE 2.6

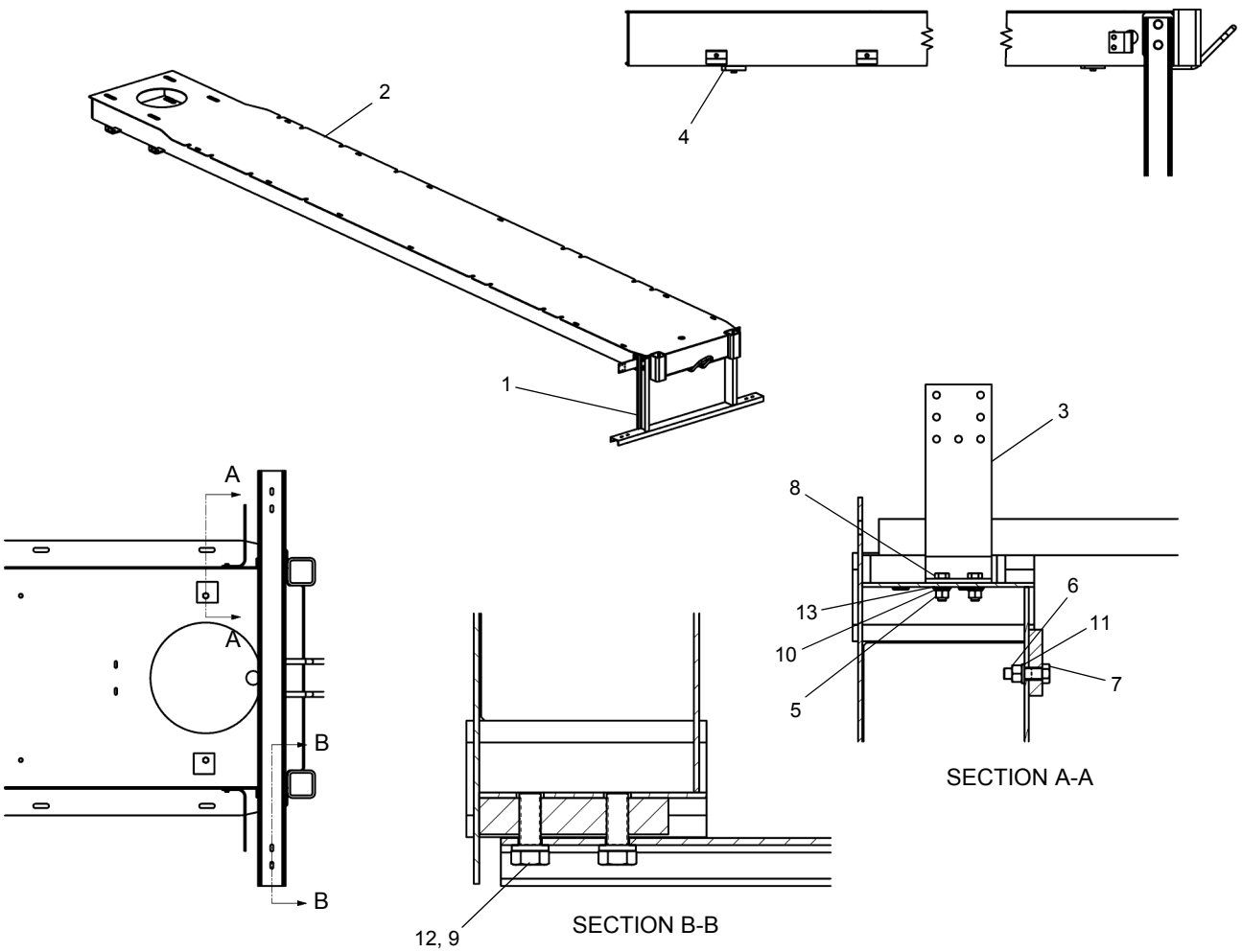


SECTION D-D

SEE PAGE 2.5

REF	PART NO.	DESCRIPTION	QTY
	695-10018 (Rev E)	*Subframe - Mainframe Assembly*	
1	220-07056	Tie Rod	4
2	220-09117	Tiedown Rod, Mainframe 1.00 - 14 X 26.0	16
3	695-00189	Subframe Assembly	1
4	709-01902-2	Frame Reinforcement	2
5	772-00028	Frame Stiffener Weldment	4
6	772-00029	Frame Stiffener Weldment	4
7	782-01734	Cross Tube	2
8	789-05767	Tie Down Plate	4
9	789-05852	Tap Block	4
10	CHASSIS FRAME	Chassis Frame	1
11	N04-A00S000-Y8	Nut, HEX 1.00 - 14, ST YZ GR8	32
12	N04-A25F000-Y8	Nut, HEX 1.25 - 12, ST YZ GR8	4
13	N05-750F000-Y8	Nut, HEX Jam 0.75 - 16, ST YZ GR8	4
14	N05-A00S000-2A	Nut, HEX Jam 1.00 - 14, ST Z GRA	32
15	N12-750F000-2A	Nut, HEX HVY 0.75 - 16, ST ZN GRA	4
16	NYL-625C000-25	Nut, HEX NYL - INS 0.625 - 11, ST Z G5	2
17	S01-625CD00-25	SCR, HHCS 0.625 - 11 X 4.00, ST Z GR5	2
18	T124908	AUX Outrigger ASSY	1
19	T127103	Mainframe-Console ASSY	1
20	WAH-62NX000-Y2	WSH, FL HRD A - NRW 0.625, ST YZ	4
21	WAH-75NX000-Y2	WSH, FL HRD A - NRW 0.75, ST YZ	4
22	WAH-A0NX000-Y2	WSH, FL HRD A - NRW 1.00, ST YZ	32
23*	12013-20	Fuel Diesel Per SAE J-313	50 GAL

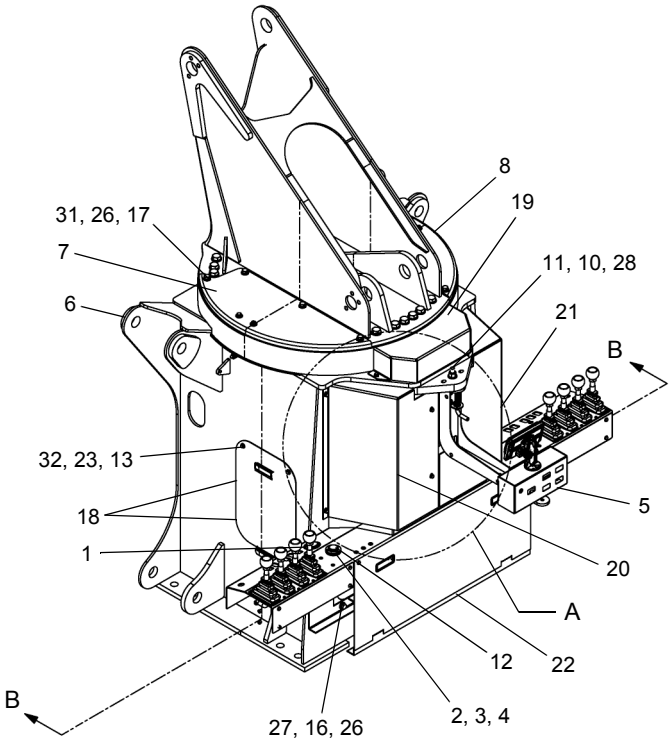
* ITEM 23 IS NOT SHOWN IN THE ILLUSTRATION

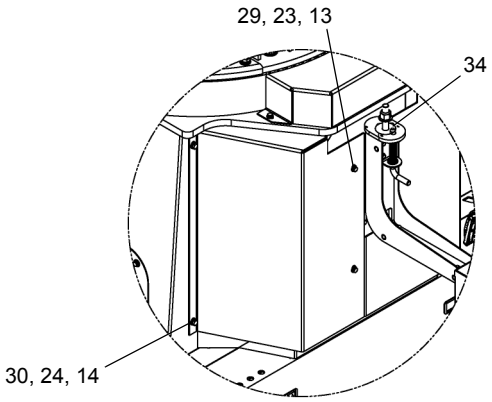


REF	PART NO.	DESCRIPTION	QTY
	695-00189 (Rev A)	*Subframe Assembly*	
1	600-22114	Bumper Weldment	1
2	701-00771	Subframe Weldment	1
3	789-05681	Bracket, Tail Light	2
4	789-05974	Block 3.00 X 3.00 X0.625	4
5	N04-375C000-25	Nut, HEX 0.375 -16, ST Z GR5	4
6	N04-500C000-25	Nut, HEX 0.50 -13, ST Z GR5	4
7	S01-500CA75-25	SCR, HHCS 0.50-13X 1.75, ST Z GR5	4
8	SHF-375CA00-25	SCR, HHCS FT 0.375- 16X1.00, STZ G5	4
9	SHF-750CB00-Y8	SCR, HHCS FT 0.75-10X2.00, STYZ G8	4
10	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	4
11	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4
12	W07-750X000-20	WSH, LCK, MED SPLT 0.75, ST Z	4
13	WAN-37NX000-20	WSH, FL TYPA - NRW 0.375, ST Z	4
14*	WAN-50NX000-20	WSH, FL TYPA - NRW 0.50, ST Z	6

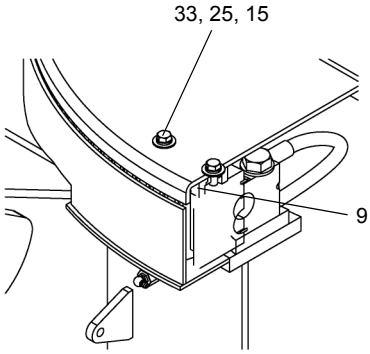
* ITEM 14 IS NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED





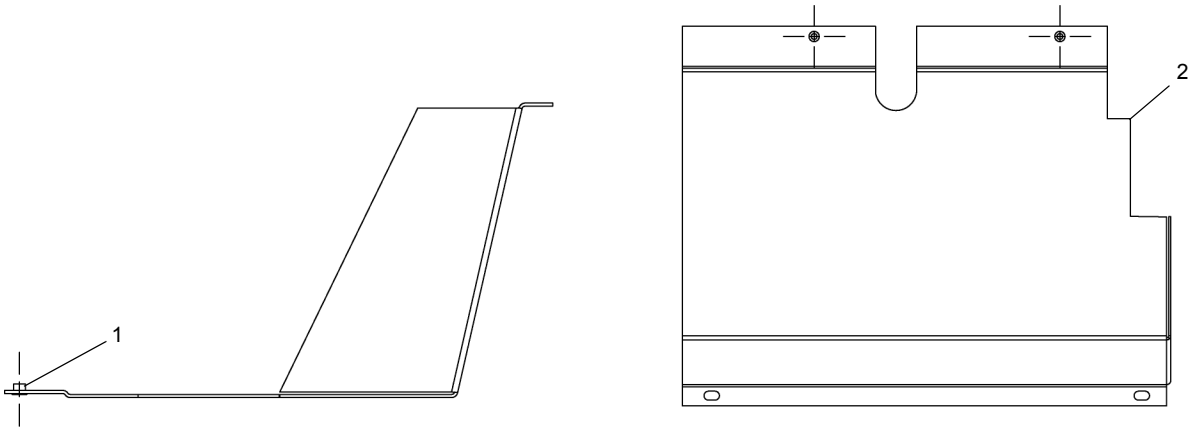
DETAIL A



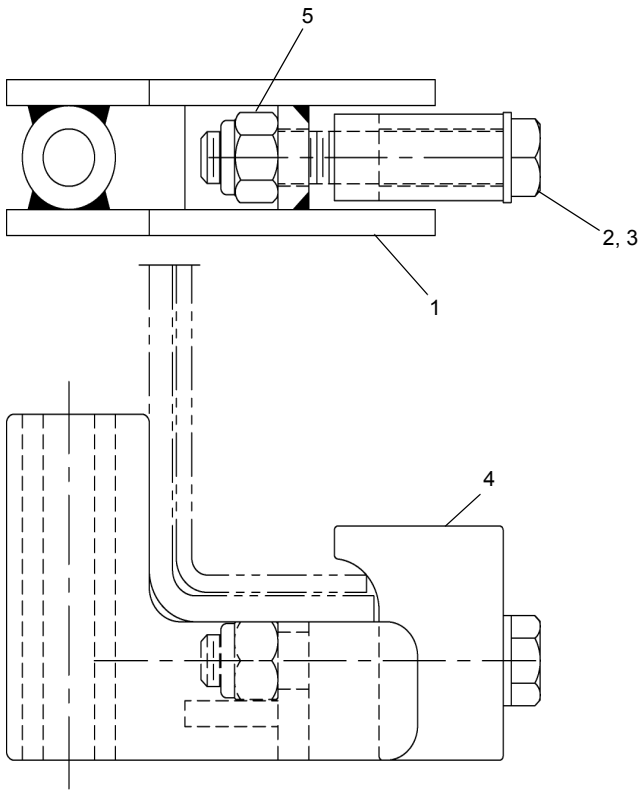
SECTION B-B

REF	PART NO.	DESCRIPTION	QTY
	T127103 (Rev A)	*Mainframe-Console ASSY*	
1	1245-162	Meter, Hour	1
2	209-00831	BRKT, Bubble Level Mounting	2
3	209-00832	Bubble Level	2
4	263-00044	Gasket-Level Mounting	2
5	695-10021	Switch Box ASSY, Outriggers	1
6	700-01000	Mainframe-Turret ASSY	1
7	719-00478	Cover, Bearing -RH	1
8	719-00479	Cover, Bearing -LH	1
9	729-02235	Wear Pad, 6.75X1.75X0.75	2
10	NYL-625C000-25	Nut, HEX NYL-INS 0.625-11, ST Z G5	1
11	S01-625CC25-Y8	SCR, HHCS 0.625-11X3.25, ST YZ G8	1
12	S16-164C750-20	SCR, FHSHCS 08-32X0.75, ST Z	6
13	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	8
14	SHF-312C750-25	SCR, HHCS FT 0.312-18X0.75, STZ G5	4
15	SHF-375C875-25	SCR, HHCS FT 0.375-16X0.875, STZG5	4
16	SHF-500C750-25	SCR, HHCS FT 0.50-13X0.75, ST Z G5	4
17	SHF-500CA00-25	SCR, HHCS FT 0.50-13X1.00, ST Z G5	8
18	T110469	ASSY, Mainframe Access CVR	2
19	T126910	Cover, Pinion	1
20	T126913	Cover, Swing Motor	1
21	T127085	Cover ASSY, Swing Motor	1
22	T127087	Control Console ASSY	1
23	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	8
24	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST Z	4
25	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	4
26	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	12
27	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	4
28	WAH-62NX000-Y2	WSH, FL HRD A-NRW 0.625, ST YZ	1
29	WAN-25NX000-20	WSH, FL TYPA-NRW 0.25, ST Z	4
30	WAN-31NX000-20	WSH, FL TYPA-NRW 0.3125, ST Z	4
31	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	8
32	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	4
33	WBR-37RXA00-20	WSH, FL TYPB-REG 0.375, ST Z	4
34	WFT-625XB00-20	WSH, FNDR 0.625X2.00X0.125, ST Z	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REF	PART NO.	DESCRIPTION	QTY
	T127085 (Rev A)	*Cover ASSY, Swing Motor*	
1	T11-250C000-CD	Thread-SERT 0.25-20, ST CAD	2
2	T127084	Swing Motor Cover	1

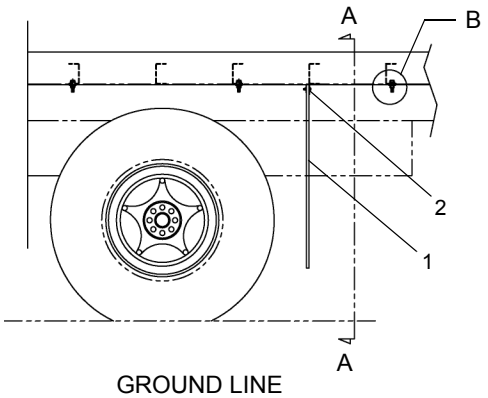


REF	PART NO.	DESCRIPTION	QTY
	701-00768 (Rev A)	*Mid-Mount Tiedown Assembly*	
1	701-00767.3	Mid-Mount WELD	2
2	220-07058-77	HHCS, 3/4-10 X 5.00 GR8	1
3	222-00026-8	Flat Washer 3/4 Hard Zinc	1
4	701-00769.3	Mid-Mount Clamp Plate	1
5	221-00033-8	NYLOCK Nut 3/4-10 GR 8 Zinc	1

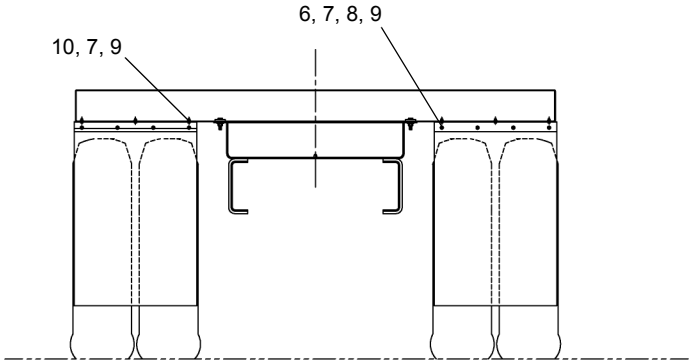


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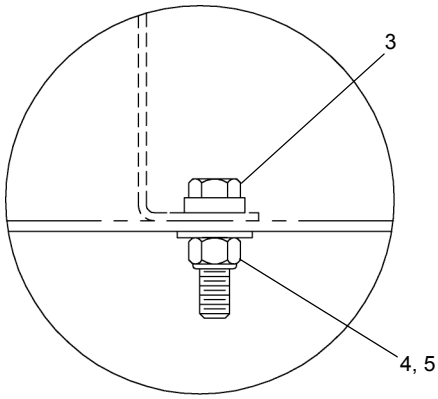
PART NUMBER	FLATBED OPTION
600-38232-1	20’ Steel Standard Duty Flatbed
600-38232-2	20’ Wood Standard Duty Flatbed
600-38232-3	20’ Steel Super Duty Flatbed
600-38232-4	20’ Wood Super Duty Flatbed



GROUND LINE

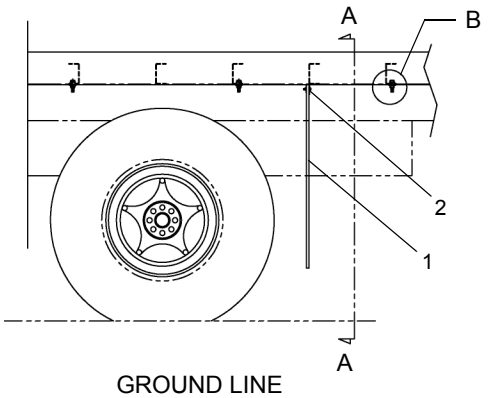


VIEW A-A

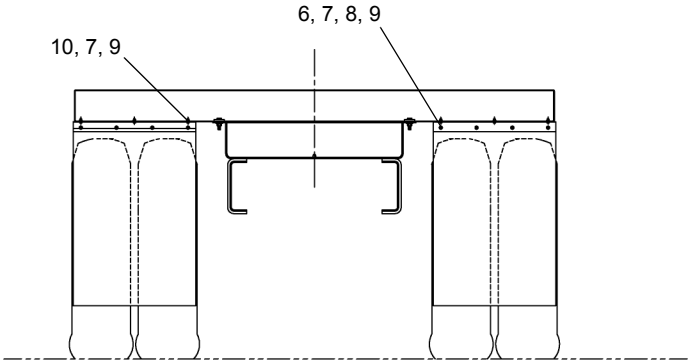


DETAIL B

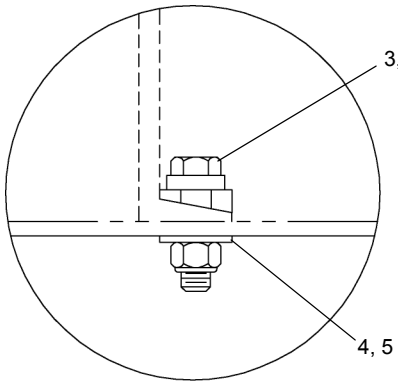
REF	PART NO.	DESCRIPTION	QTY
	696-00034-1 (Rev A)	*STD Flatbed INSTL*	
1	209-00461	Mud Flap, 1/2X24X36 Logo WHT	2
2	785-00561	Angle, Support Mud Flap	2
3	709-01925	Flatbed Bolt WELD 1/2-13 X 2.00 GR5	12
4	NYL-500C000-25	Nut HEX NYL-INS 0.50-13, ST Z	12
5	WAN-50NX000-20	WSH, FLTYPA-NRW 0.50, ST Z	12
6	S01-250CA25	SCR, HHCS 0.25-20X1.25, ST Z GR5	14
7	NYL-25C000-25	Nut HEX NYL-INS 0.25-20, ST Z	14
8	WFD-250XA50-20	Washer, Fender 1/4X1.50 Zinc	8
9	WAN-25NX000-20	WSH, FLTYPA-NRW 0.25, ST Z	14
10	783-03723	Track Mount Bar-Long	2



GROUND LINE



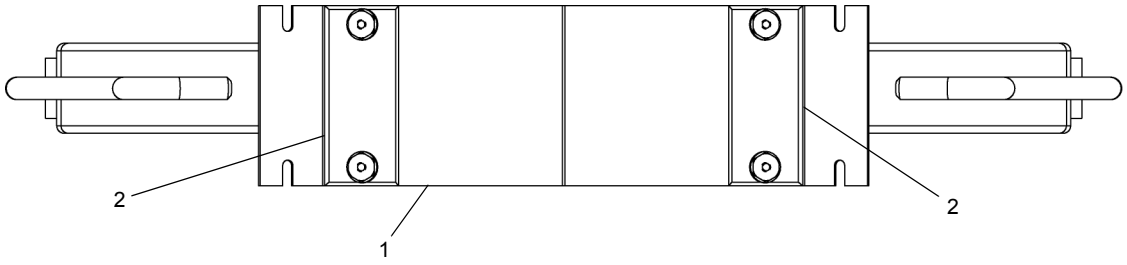
VIEW A-A

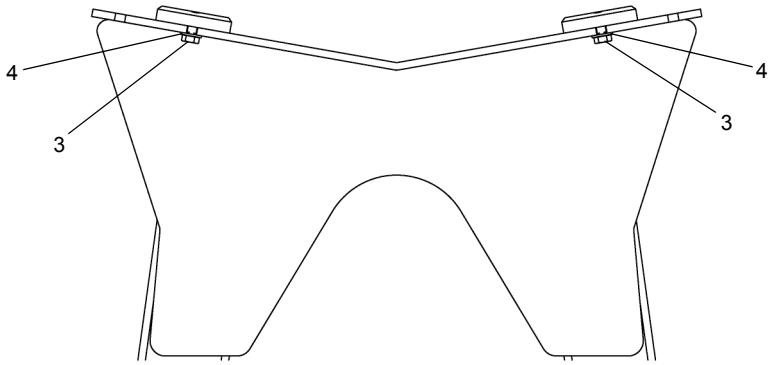


DETAIL B

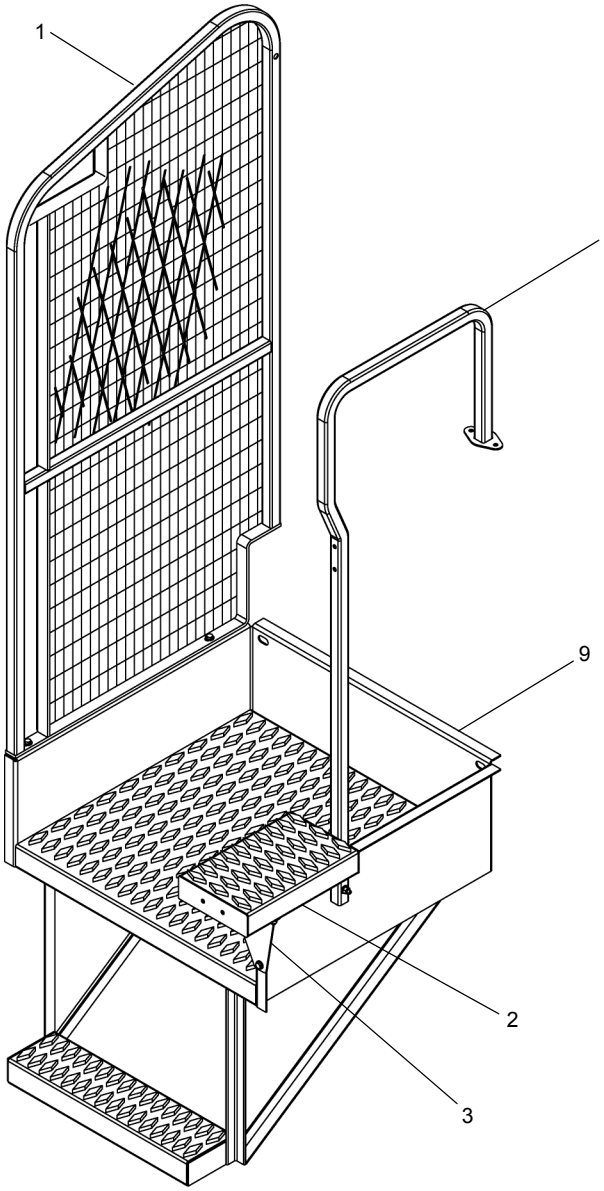
REF	PART NO.	DESCRIPTION	QTY
	696-00034-2 (Rev A)	*SUP Duty Flatbed INSTL*	
1	209-00461	Mud Flap, 1/2X24X36 Logo WHT	2
2	785-00561	Angle, Support Mud Flap	2
3	709-01925	Flatbed Bolt Weld 1/2-13 X 2.00 GR5	12
4	NYL-500C000-25	Nut HEX NYL-INS 0.50-13, ST Z	12
5	WAN-50NX000-20	WSH, FLTYPA-NRW 0.50, ST Z	12
6	S01-250CA25-25	SCR, HHCS 0.25-20X1.25, ST Z GR5	14
7	NYL-25C000-25	Nut HEX NYL-INS 0.25-20, ST Z	14
8	WFD-250XA50-20	Washer, Fender 1/4X1.50 Zinc	8
9	WAN-25NX000-20	WSH, FLTYPA-NRW 0.25, ST Z	14
10	WBV-500X001	Bevel Washer 1/2 Galvanize	12
11*	783-03723	Track Mount Bar-Long	2

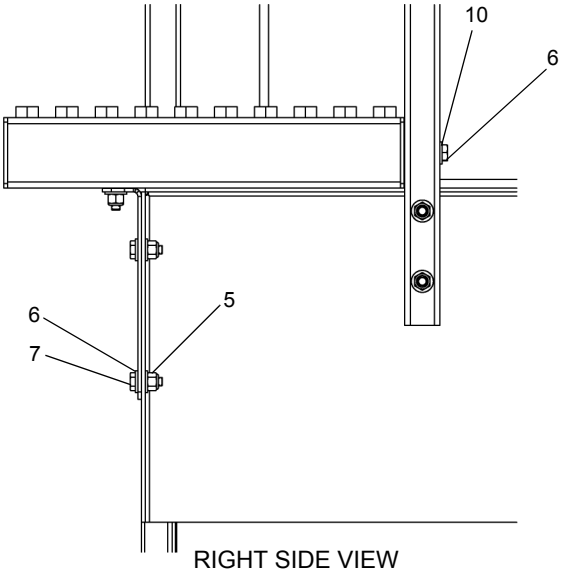
* ITEM 11 IS NOT SHOWN IN THE ILLUSTRATION



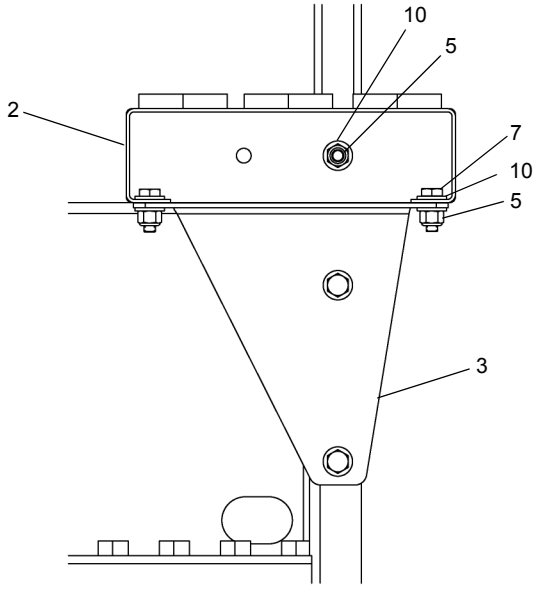


REF	PART NO	DESCRIPTION	QTY
	698-00065 (Rev A)	*Boom Rest ASSY*	
1	709-01835	Boom Rest Weldment	1
2	729-02883	Boom Rest Pad	2
3	SHF-312C625-25	SCR, HHCS FT 0.312-18 X 0.625, STZG5	4
4	WAH-31NX000-Y2	WSH, FL HRD A-NRW 0.3125, ST YZ	4

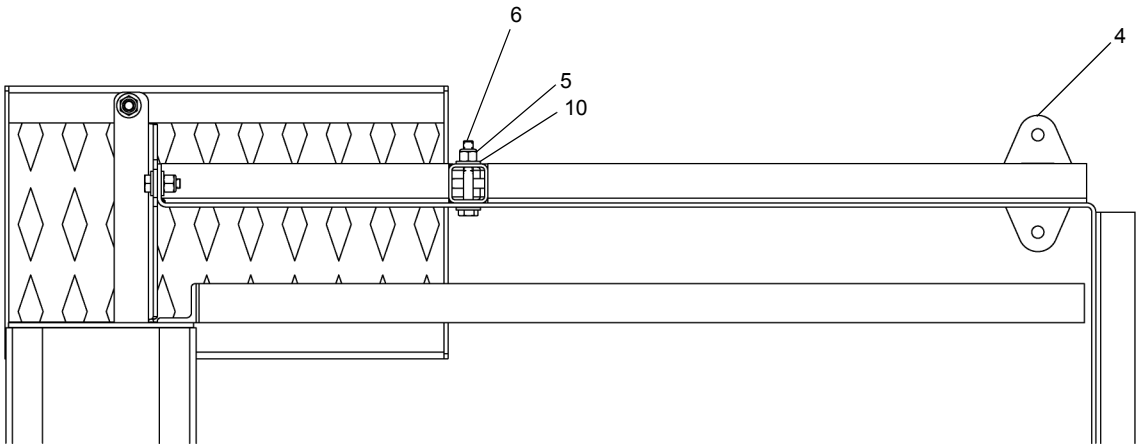




RIGHT SIDE VIEW



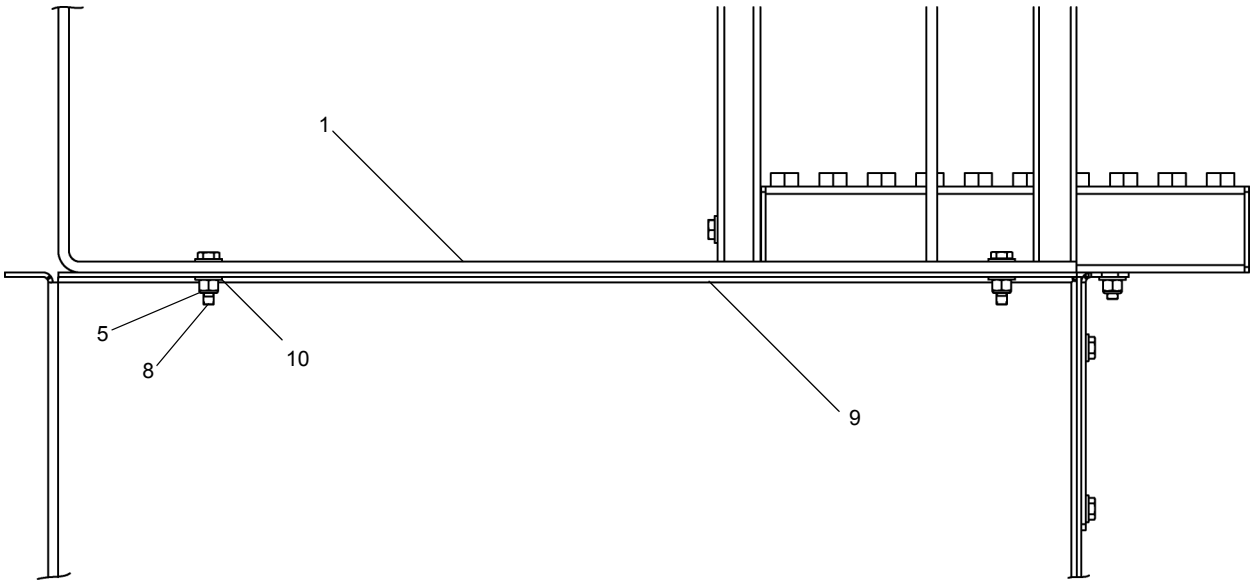
FRONT VIEW



BOTTOM VIEW

SEE PAGE 2.16

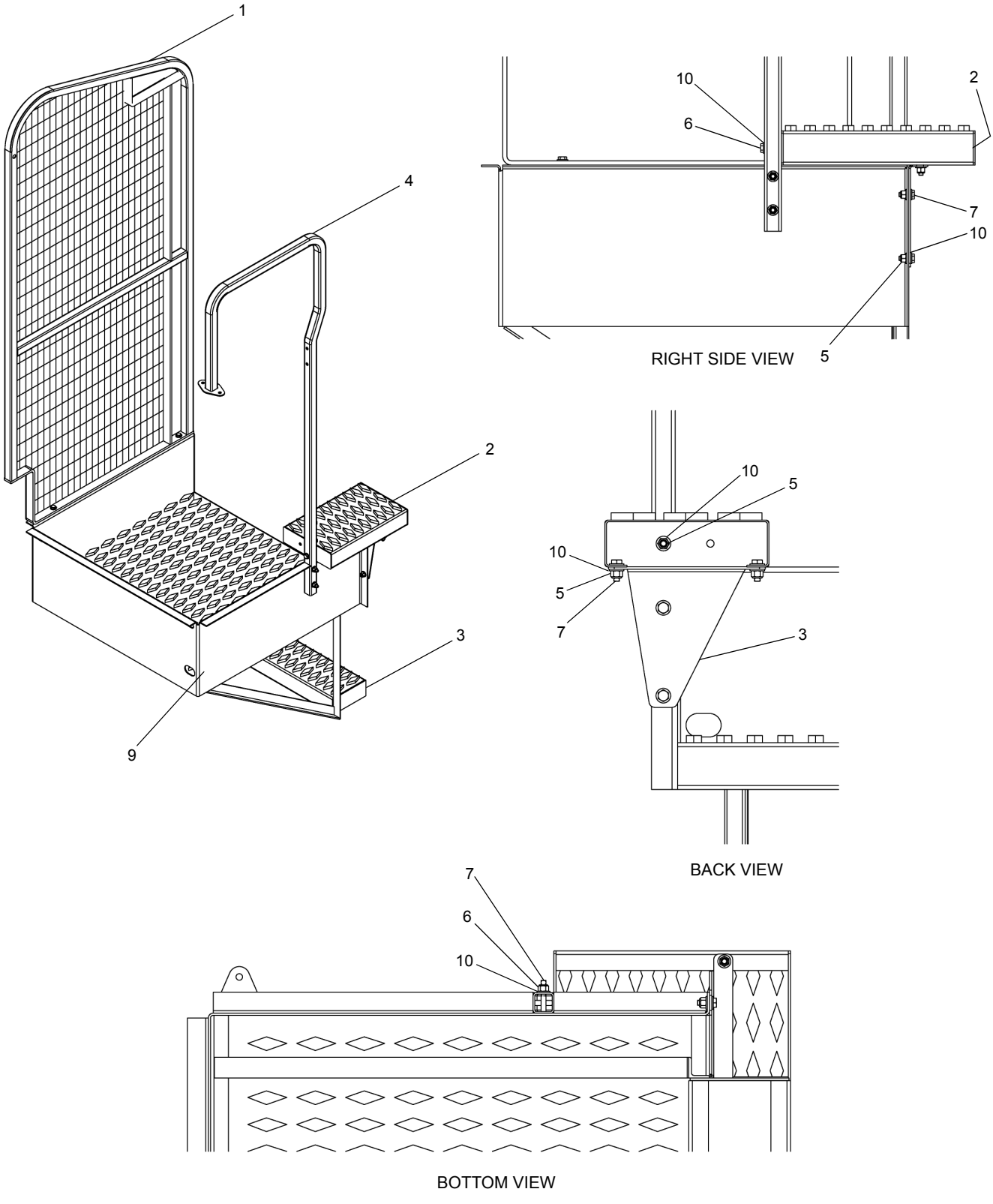
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



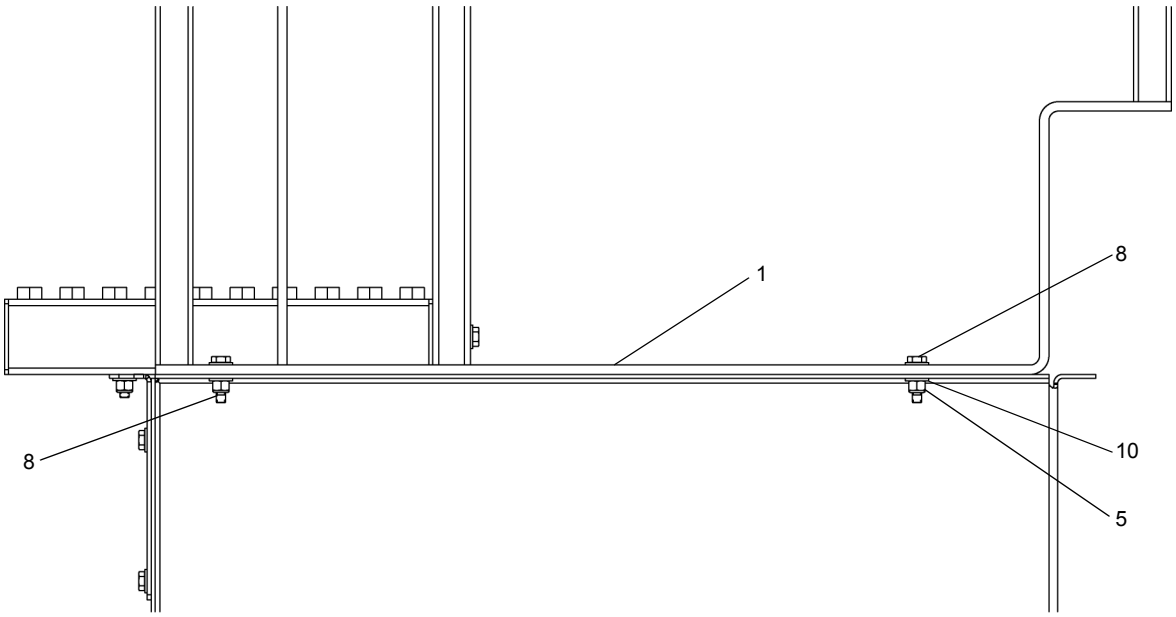
LEFT SIDE VIEW

SEE PAGE 2.15

REF	PART NO.	DESCRIPTION	QTY
	695-10026-1 (Rev B)	*Platform U.S Street Side*	
1	709-01880	Rear Guard, Platform	1
2	709-01883	Step Weldment	1
3	789-05845	Bracket, Platform Step	1
4	809-00512	Console Handle Weldment	1
5	NYL-250C000-25	Nut, HEX NYL - INS 0.25-20, ST Z G5	9
6	S01-250CA75-25	SCR, HHCS 0.25-20X1.75, ST Z GR5	3
7	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	4
8	SHF-250C875-25	SCR, HHCS FT 0.25-20X0.875, ST Z G5	2
9	T114085	Platform Weldment-Street Side	1
10	WAN-25NX000-20	WSH, FL TYPA-NRW 0.25, ST Z	18


1
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RIGHT SIDE VIEW
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3
BACK VIEW
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10
BOTTOM VIEW

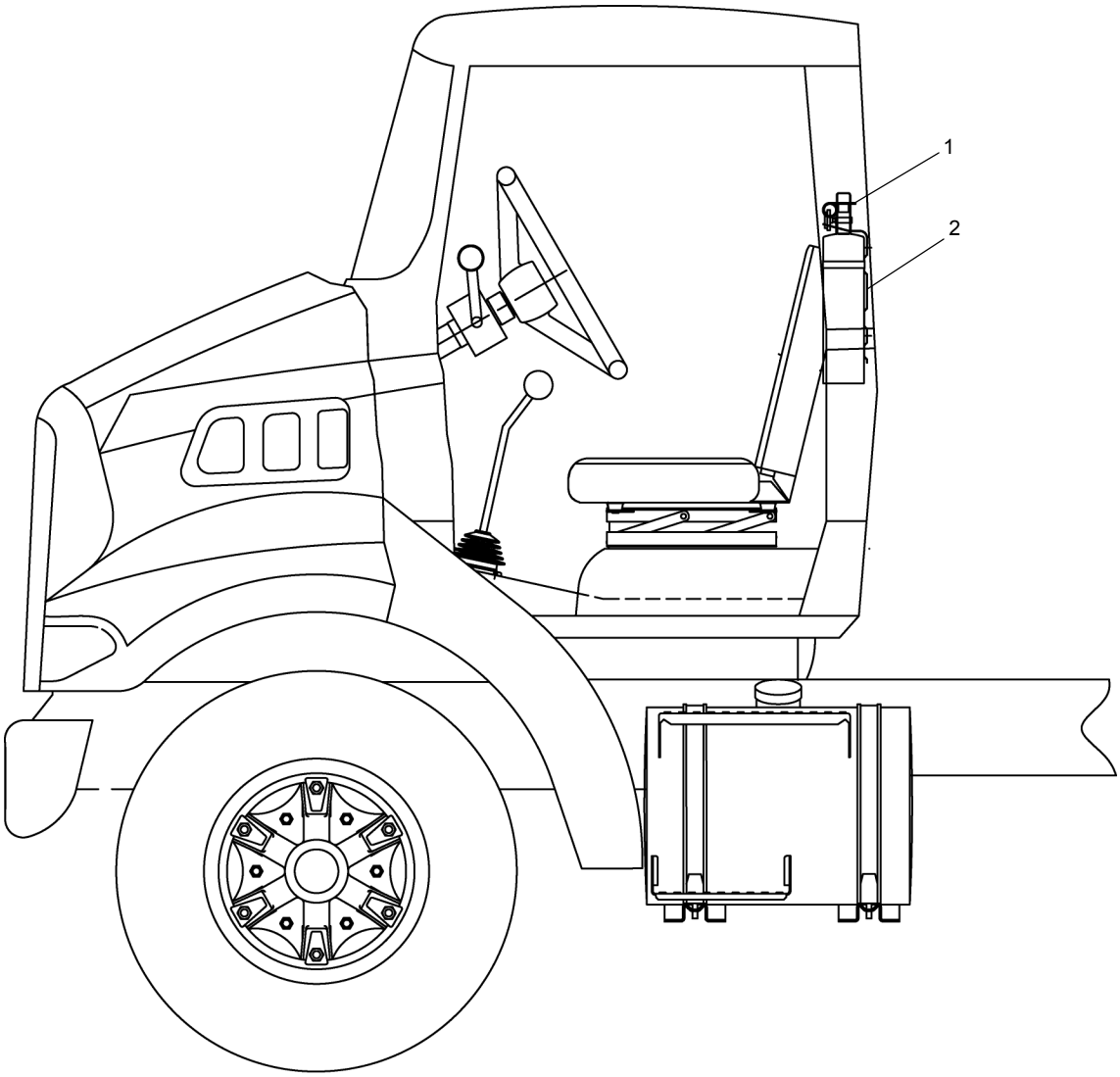
SEE PAGE 2.18



LEFT SIDE VIEW

SEE PAGE 2.17

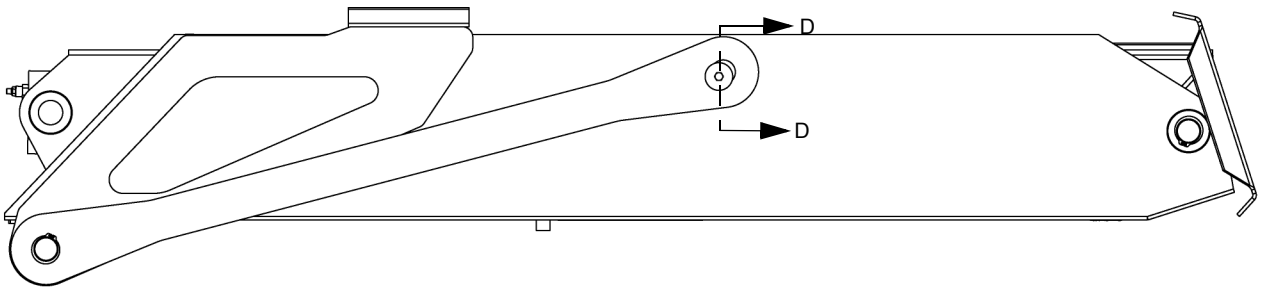
REF	PART NO.	DESCRIPTION	QTY
	695-10026-2 (Rev C)	*Platform U.S Curb Side*	
1	709-01881	Rear Guard, Platform	1
2	709-01883	Step Weldment	1
3	789-05846	Step Bracket, Platform	1
4	809-00512	Console Handle Weldment	1
5	NYL-250C000-25	Nut, HEX NYL - INS 0.25-20, ST Z G5	9
6	S01-250CA75-25	SCR, HHCS 0.25-20X1.75, ST Z GR5	3
7	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	4
8	SHF-250C875-25	SCR, HHCS FT 0.25-20X0.875, ST Z G5	2
9	T114095	Platform Weldment Curb Side	1
10	WAN-25NX000-20	Washer, FL TYPA-NRW 0.25, ST Z	18

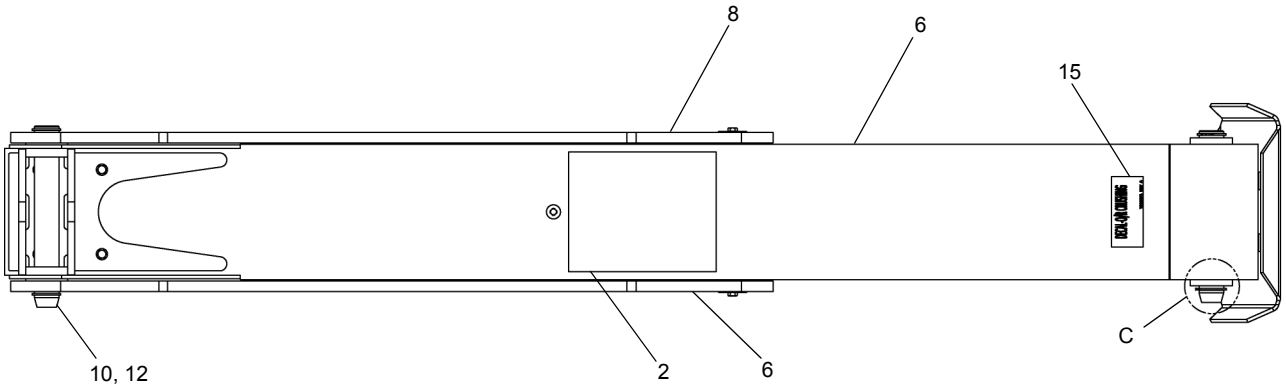


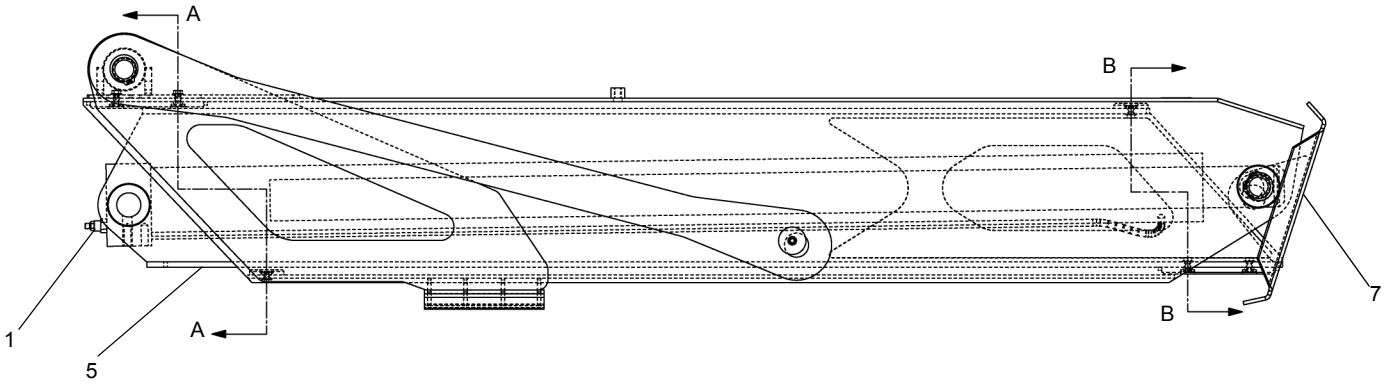
REF	PART NO	DESCRIPTION	QTY
	736-00001-1 (Rev A)	*Fire Extinguisher Installation*	
1	1222-217	Fire Extinguisher	1
2	223-00116	HWHTS, #10-16 X .75 Zinc	4



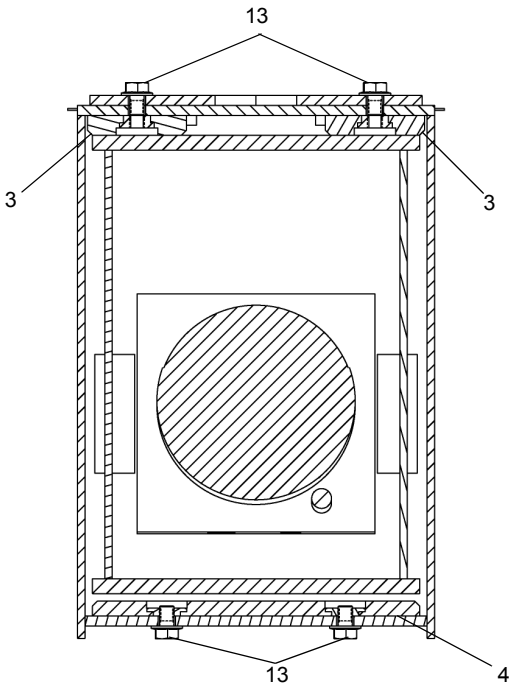
REF	PART NO	DESCRIPTION	QTY
1	T124906	Main Outrigger Assembly	2
2	T124908	Auxiliary Outrigger Assembly	1
3	765-00059-1	Front Jack Installation (34” Frame) (Ref Page 51.6)	1
	765-00059-2	Front Jack Installation (46” Frame) (Ref Page 51.8)	1



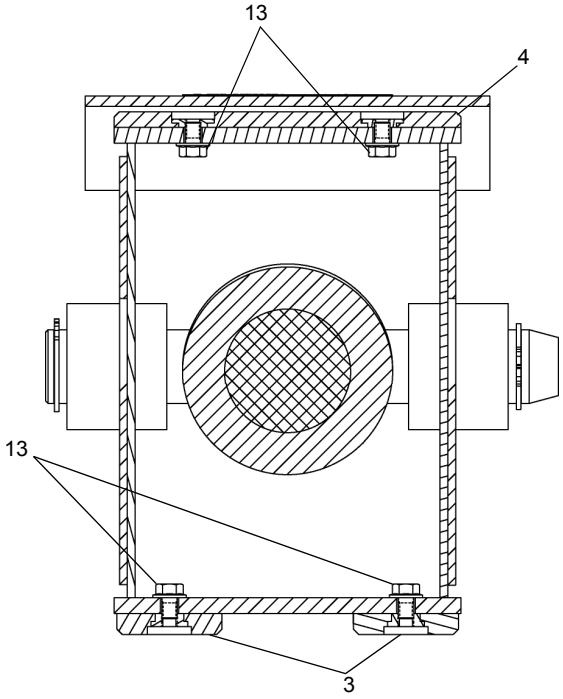




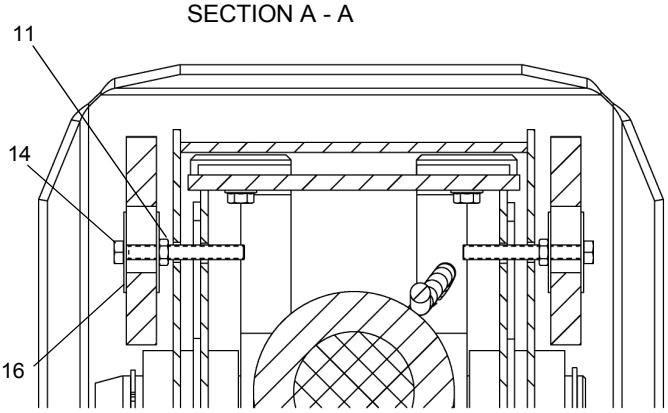
SEE PAGE 3.3



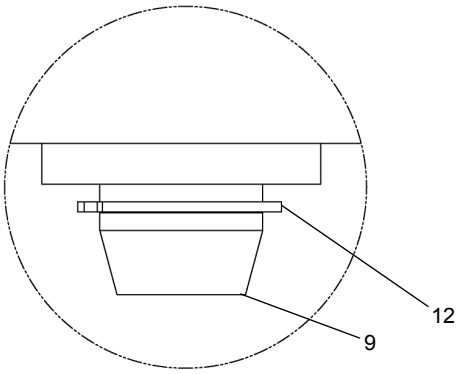
SECTION A - A



SECTION B - B



SECTION D - D

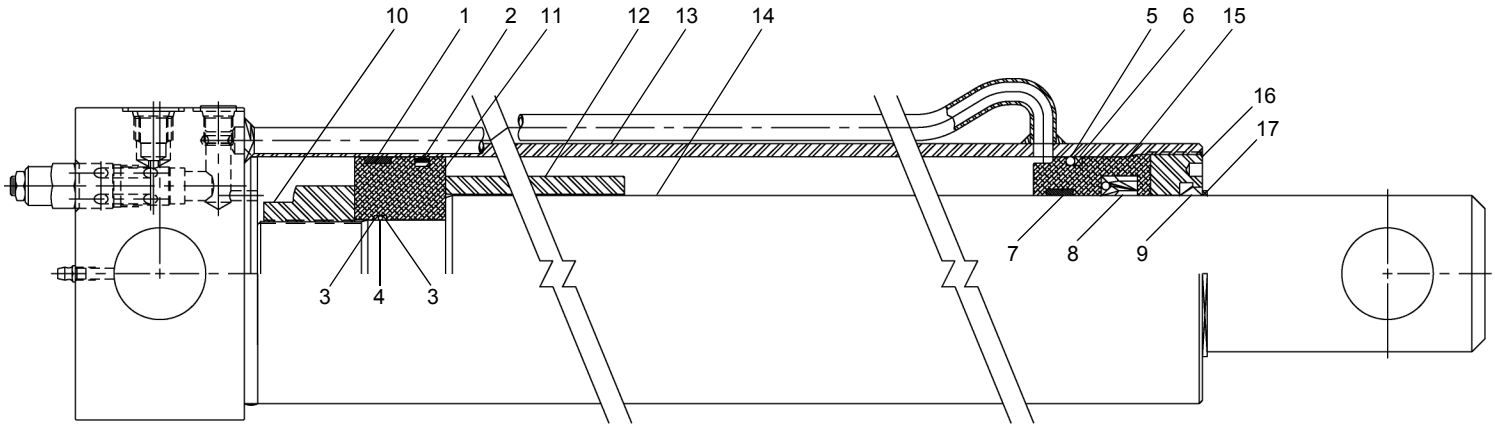


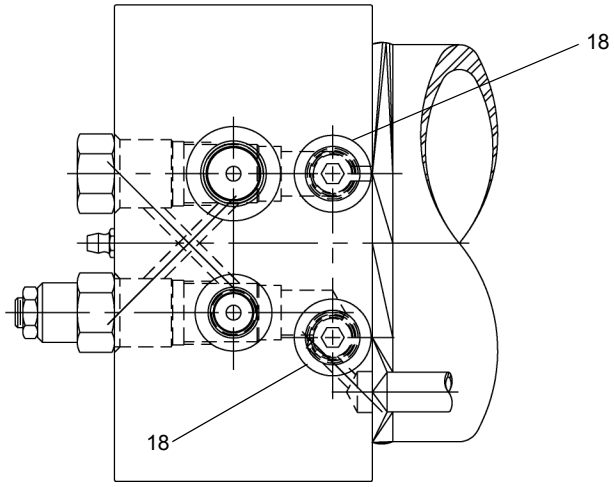
DETAIL C

SEE PAGE 3.2

REF	PART NO.	DESCRIPTION	QTY
	T124906 (Rev C)	*Leg ASSY, Main Outrigger*	
1	540-50046	CYL, Outrigger Leg, Main	1
2	652-00114	Crane Hand Signals	1
3	729-02819	Wear Pad, 8.2 5 X 2.50 x 0. 50	4
4	729-02908	Wear Pad, 8.25 X 2.50 x 0.375	2
5	760-20477	Inner Leg Weldment	1
6	760-204 78	Outer Leg Weldment	1
7	760-20483	O/ R Shoe Weldment	1
8	789-05763	Tension Link	2
9	870-80020	Pin, Outrigger 1.75X12.20	1
10	870-80021	Pin, Outrigger 1.75X12.875	1
11	N05-375C000-25	Nut, HEX Jam 0.375-16, ST Z GR5	2
12	REX-A75X109-BP	Ring, EXTSNP HVY 1.75X0.109, ST BP	4
13	SFS-375C500 -27	SCR, HXFLG SER 0.375-16X0.50, G8 .2	12
14	SHF-375CC00 -25	SCR, HHCS FT 0.375 - 16X3.00, STZ G5	2
15	T116671	Decal, A Frame Outrigger Crush	1
16	WFD-375XB00-20	WSH, FNDR 0.375X2.00, ST Z	4

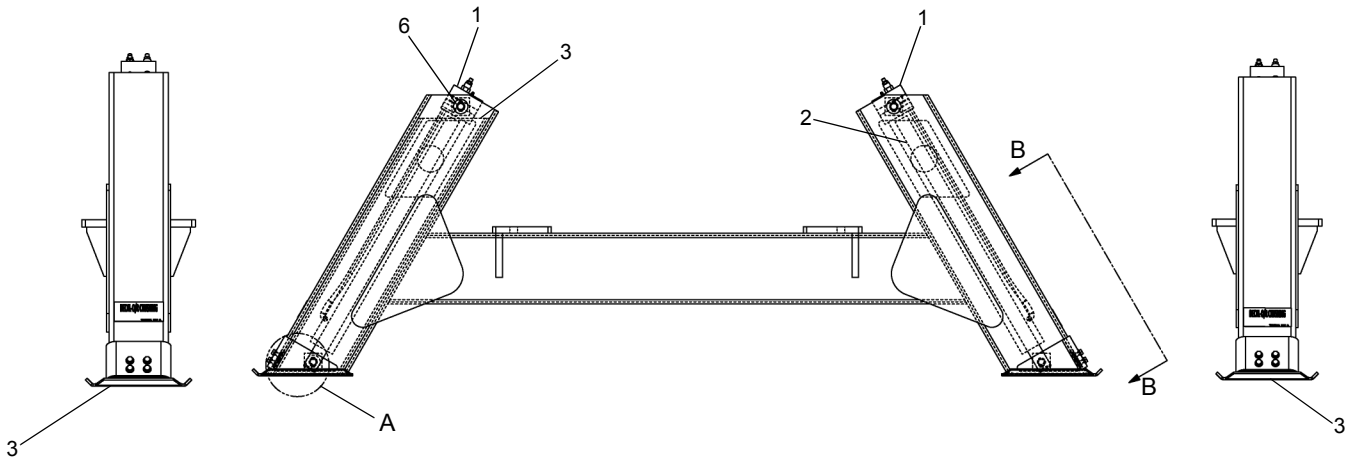
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

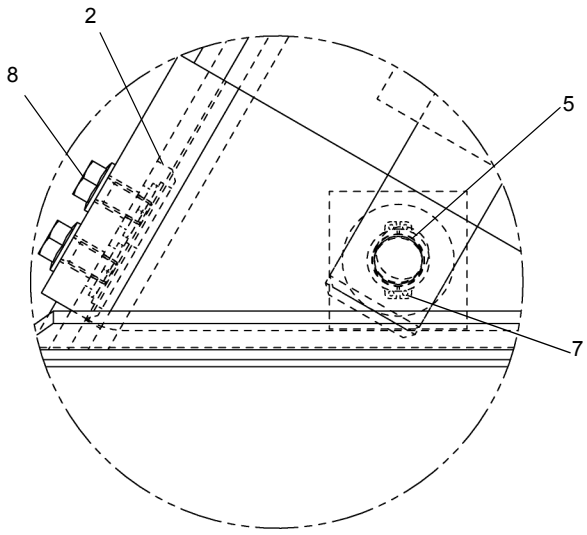




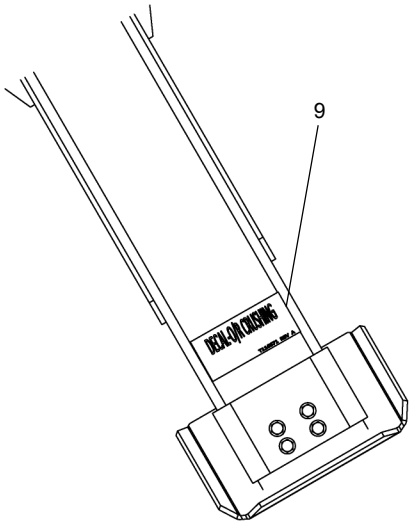
REF	PART NO.	DESCRIPTION	QTY
	540-50046	*Main Outrigger Cylinder*	
	268-90179	*Seal Kit (Items 1 thru 9)*	
1	PART OF 268-90179	Wear Ring	1
2	PART OF 268-90179	PSP Seal	1
3	PART OF 268-90179	Back-Up Ring	2
4	PART OF 268-90179	O-Ring	1
5	PART OF 268-90179	O-Ring	1
6	PART OF 268-90179	Back-Up Ring	1
7	PART OF 268-90179	Wear Ring	1
8	PART OF 268-90179	Loaded U-Cup	1
9	PART OF 268-90179	Rod Wiper	1
10	812-00021	Lock Nut	1
11	812-00022	Piston	1
12	812-00023	Spacer	1
13	812-00060	Barrel Assembly	1
14	812-00061	Rod	1
15	812-00026	Internal Head	1
16	812-00027	Thread Ring	1
17	812-00062	Square Ring	1
18	812-00014	Steel Plug	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



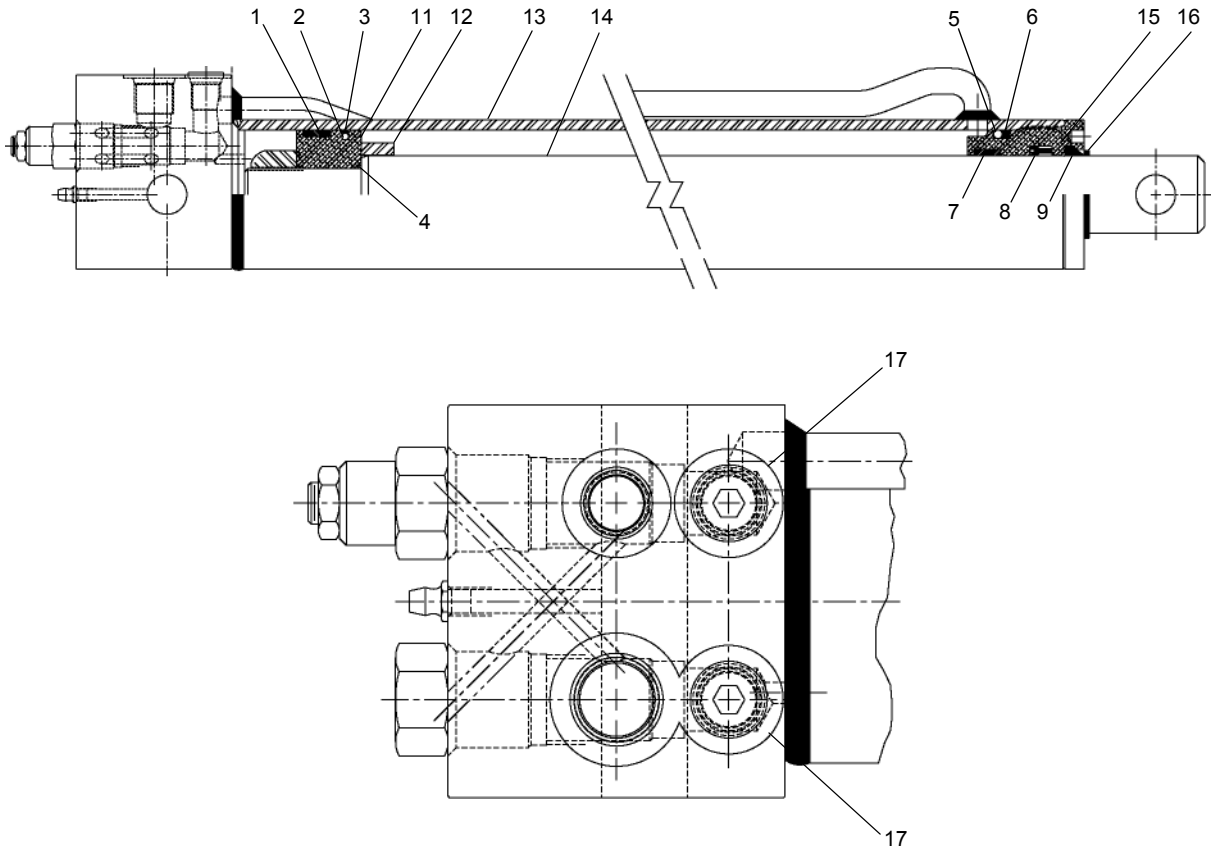


DETAIL A



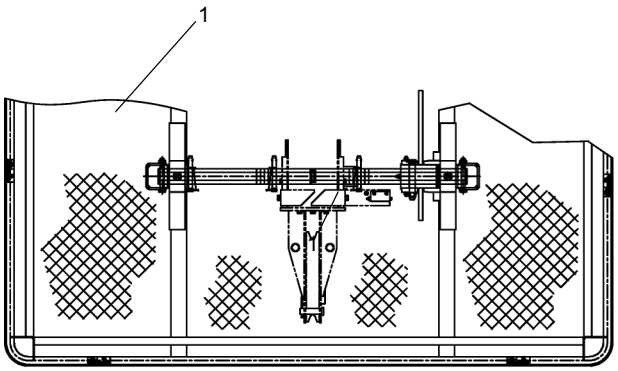
VIEW B - B

REF	PART NO.	DESCRIPTION	QTY
	T124908 (Rev A)	*Auxiliary Outrigger Assembly*	
1	540-50049	Cylinder, HYD, AUX Outrigger	2
2	729-02820	Wear Pad, AUX Outrigger	2
3	760-20481	Inner Jack Weldment	2
4	760-20482	Housing Weldment, AUX Outrigger	1
5	870-10212	Pin, Outrigger, Bottom	2
6	870-10213	Pin, Outrigger, Top	2
7	REX-750X078-BP	Ring, EXTSNP HVY 0.75X0.078, ST BP	8
8	SFS-375C750-27	SCR, HXFLG SER 0.375 - 16X0.75, G8.2	8
9	T116671	Decal, A Frame Outrigger Crush	2

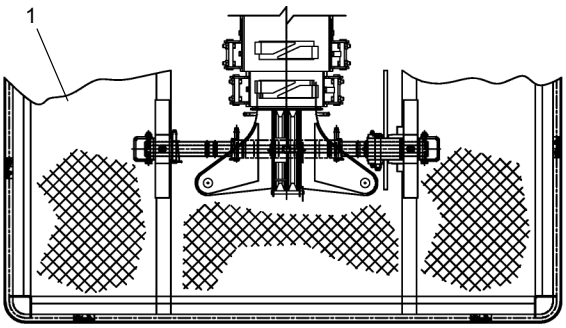


REF	PART NO.	DESCRIPTION	QTY
	540-50049	*Auxiliary Outrigger Cylinder*	
	268-90196	*Seal Kit (Items 1 thru 9)*	
1	PART OF 268-90196	Wear Ring	1
2	PART OF 268-90196	O-Ring	1
3	PART OF 268-90196	POLY HONE	1
4	PART OF 268-90196	O-Ring	1
5	PART OF 268-90196	O-Ring	1
6	PART OF 268-90196	Back-Up Ring	1
7	PART OF 268-90196	Wear Ring	1
8	PART OF 268-90196	Loaded U-Cup	1
9	PART OF 268-90196	Rod Wiper	1
10*	812-00015	Lock Nut	1
11	812-00063	Piston	1
12	812-00064	Spacer	1
13	812-00065	Barrel Assembly	1
14	812-00066	Rod	1
15	812-00043	Internal Head	1
16	812-00067	Square Ring	1
17	812-00014	Steel Plug	2

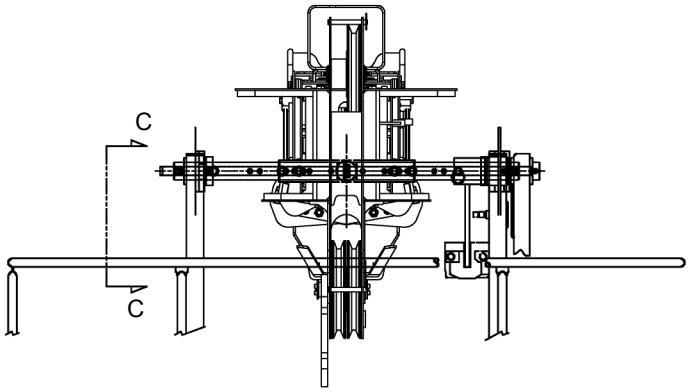
* ITEM 10 IS NOT SHOWN IN THE ILLUSTRATION.



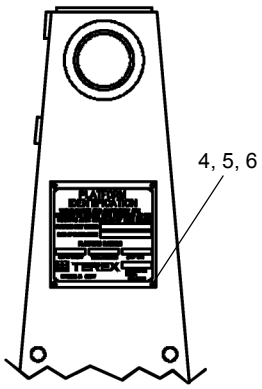
JIB INSTALLATION TOP VIEW



BOOM TOP VIEW



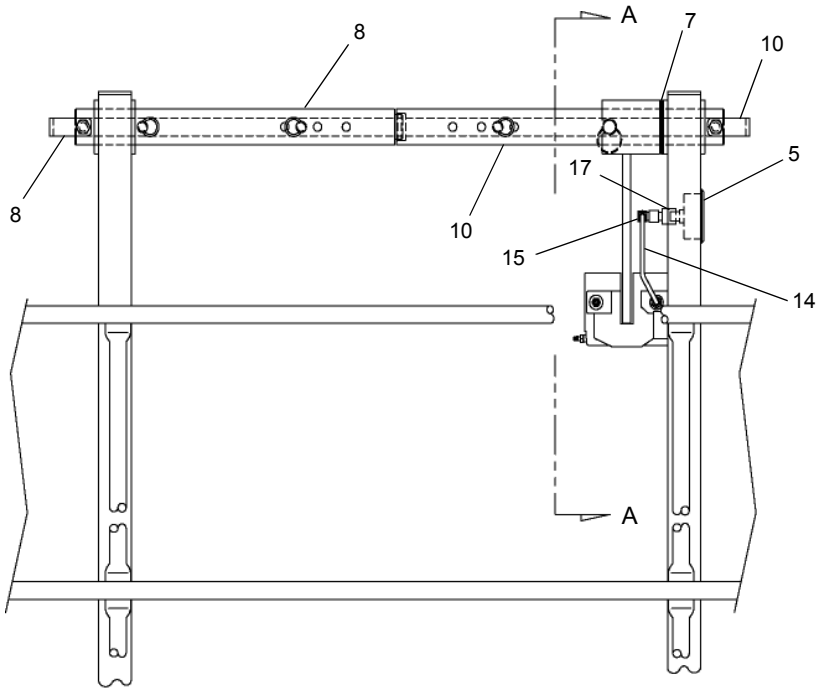
BOOM FRONT VIEW



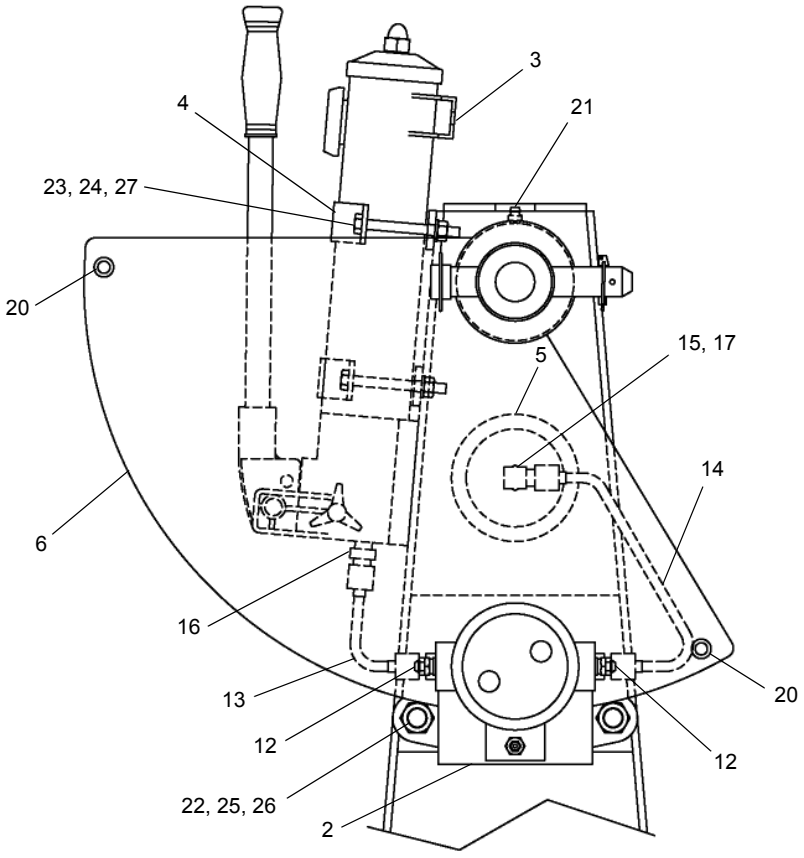
VIEW C-C

REF	PART NO.	DESCRIPTION	QTY
	T128129 (Rev A)	*2-Man Steel Platform INSTL*	
1	730-20433	2-Man Steel Platform Assembly	1
2*	209-00434	Aerial LANYARD-Shock Absorbing	2
3*	209-00809	Safety Harness	2
4	653-00407	Platform Identification Plate	1
5	226-00023-5	POP Rivet 0.125 DIA X 0.462 LG	4
6	652-00577	1 or 2 Man Platform Stamping INFO Chart	REF

* ITEMS 2 & 3 ARE NOT SHOWN IN THE ILLUSTRATION

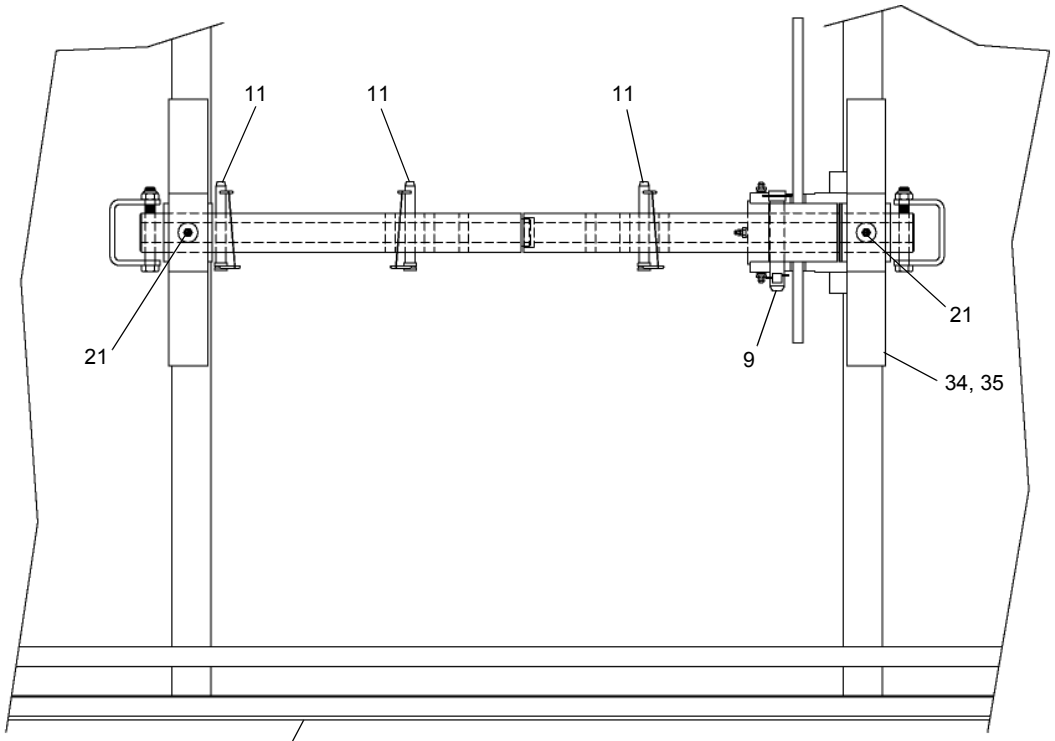


BOOM FRONT VIEW

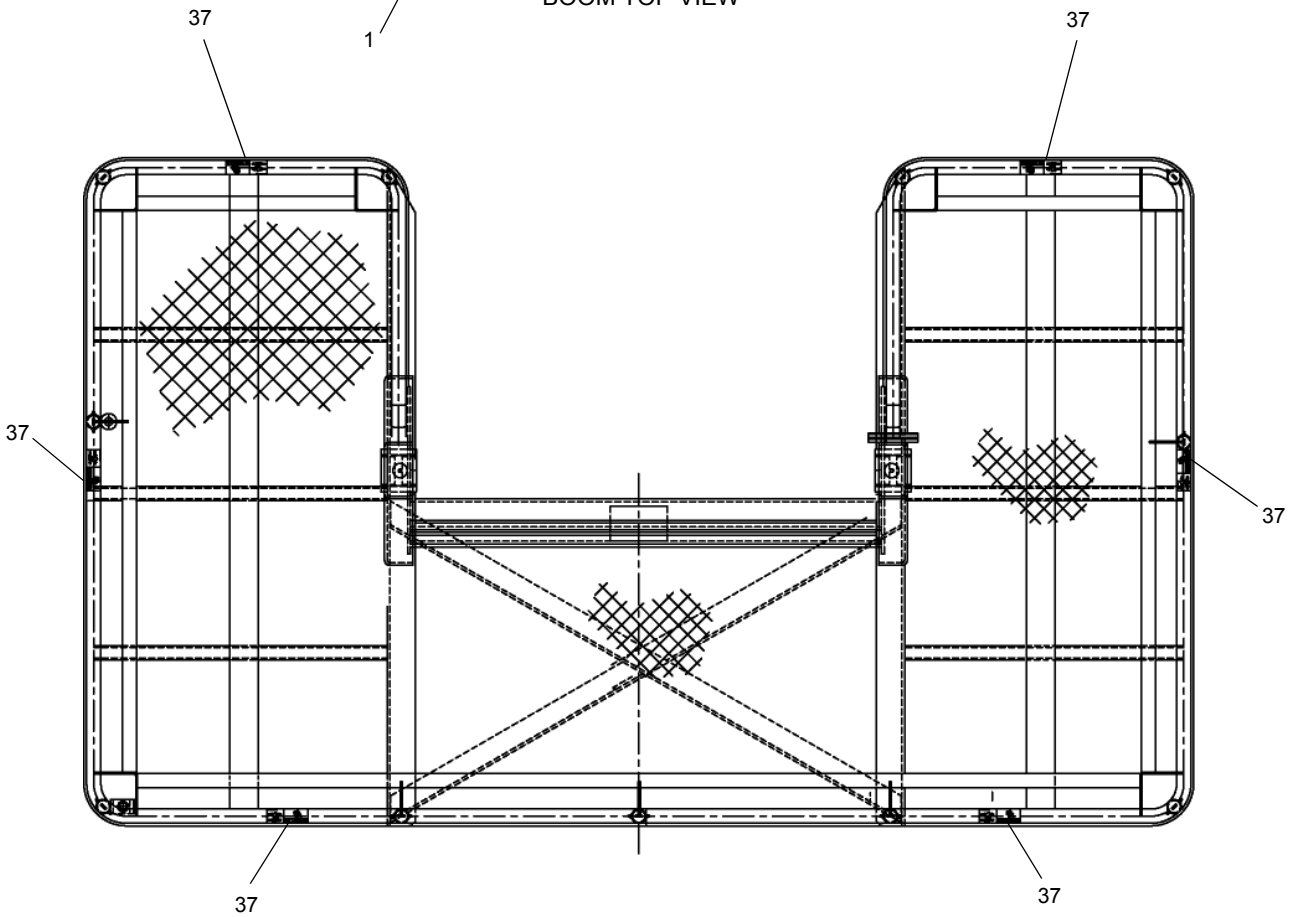


SECTION A - A

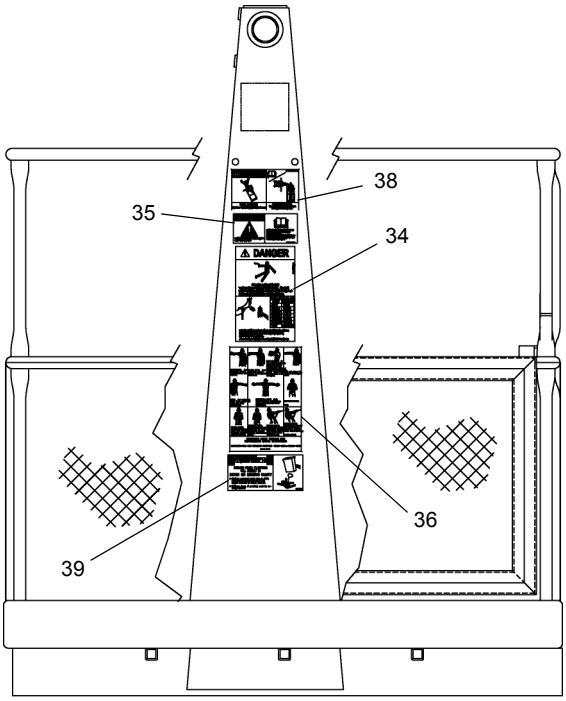
SEE PAGE 8.5

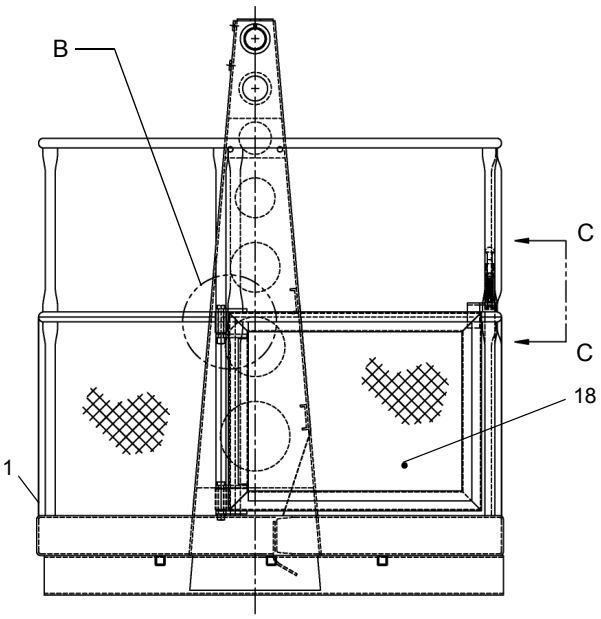


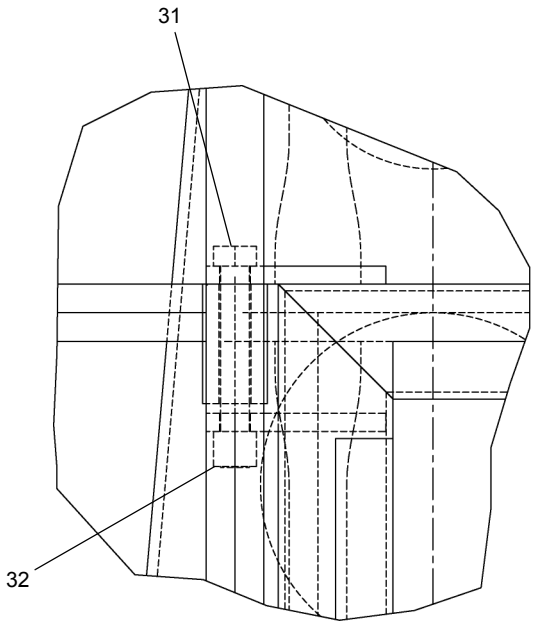
BOOM TOP VIEW



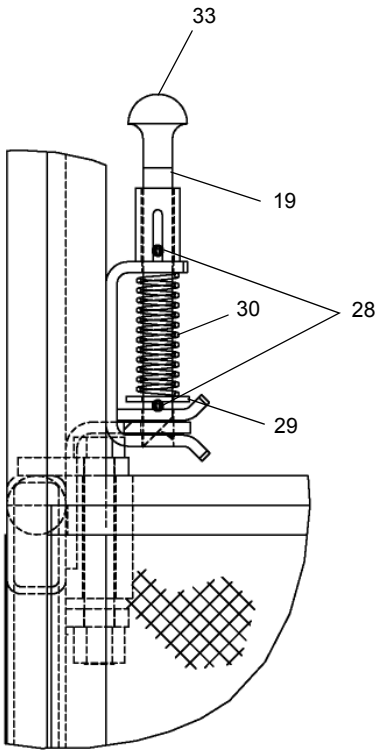
SEE PAGE 8.5







DETAIL B

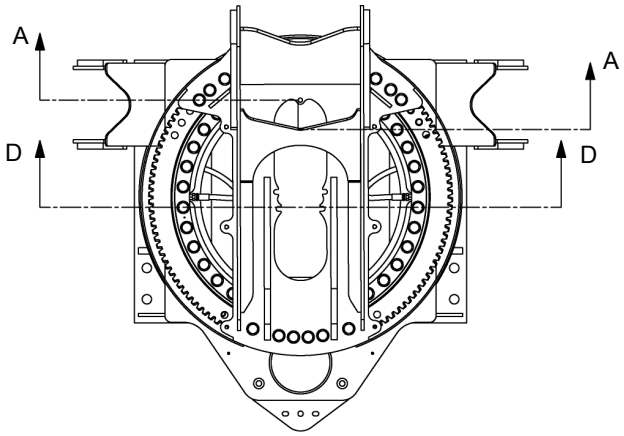


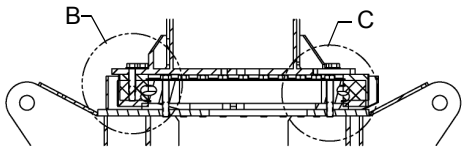
VIEW C - C

SEE PAGE 8.5

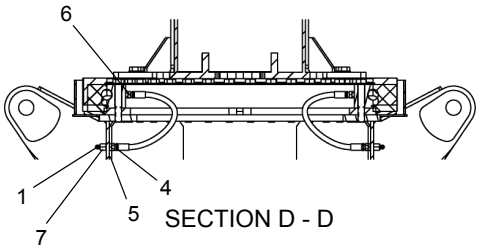
SEE PAGES 8.2, 8.3 & 8.4

REF	PART NO.	DESCRIPTION	QTY
	730-20433 (Rev A)	*Assembly, Platform 2-Man (Steel)*	
1	730-20434	Platform Weldment, 2-Man	1
2	559-00055	HYD Brake, MICO #03-520-072	1
3	559-00056	Hand Pump ENERPAK #P-141	1
4	771-00128	Hand Pump Bracket	2
5	600-40280	Gauge, LHA #PGL-25-3000-11	1
6	730-20338	Disc Weldment	1
7	222-29011	Bushing 3” OD X 2” ID X 14 GA	4
8	870-60222	RH Pin Assembly (Pivot)	1
9	870-00149	Hitch Pin Assembly-3/4” DIA	1
10	870-60220	LH Pin Assembly (Pivot)	1
11	870-00131	Hitch Pin Assembly-1/2” DIA	3
12	513-20002	CONN, STR 4 ORB/4 JIC	2
13	510-20447	Tube Assembly, Pump	1
14	510-20448	Tube Assembly, Brake & Engage	1
15	514-62001	Elbow, 90° S.Nut 4 JIC	1
16	513-20001	CONN, STR 1/4 MPT/4 JIC	1
17	513-20006	Adapter, STR 1/4 FPT/4 JIC	1
18	730-20441	Door Weld, Swing-Away	1
19	870-80013	Pin, Latch	1
20	224-19017	Roll Pin 1/2 OD X 1 1/4 LG	2
21	501-03001	Grease Fit STR 1/4-28 UNF	2
22	220-04011	HH Bolt 1/2-13NC X 4 LG	2
23	220-00005	HH Bolt 1/4-20NC X 2 1/2 LG	4
24	222-10005	Lockwasher, 1/4 DIA PLTD	4
25	222-14003	Lockwasher, 1/2 DIA PLTD	2
26	221-04001	Nut HEX 1/2-13NC PLTD	2
27	221-00001	Nut HEX 1/4-20NC PLTD	4
28	224-12009	Roll Pin, 1/8 X 1 LG PLT	2
29	222-04011	Flatwasher, 1/2 ID X 1-1/16 OD	1
30	202-10077	Spring, Compression	1
31	220-04025	HHCS,1/2NC X 3-1/2 LG GR5 PLT	2
32	221-94002	Nut, 1/2 NC HEX PLT	2
33	808-00031	Knob, Push-Pull Black	1
34	T127260	Decal, Electrocution Platform	2
35	T127259	Decal, Remote Warning	2
36	652-00496	Decal, Crane Hand Signals	2
37	651-00469	Decal, Hands Off Rail	6
38	651-00422	Decal, Jib Removal W/Lift Attach	2
39	419264A	Decal, Falling From Platform	2

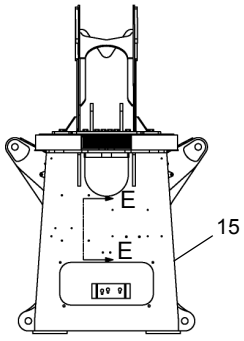


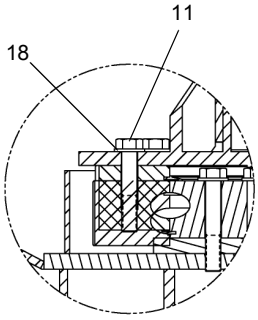


SECTION A - A

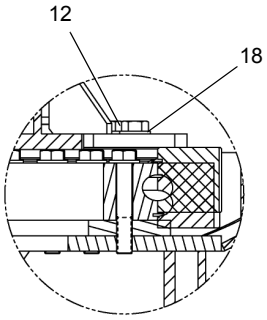


SECTION D - D

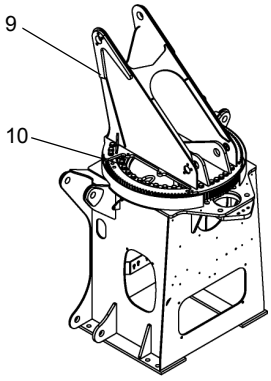


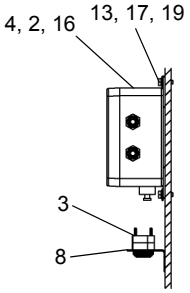


DETAIL B



DETAIL C



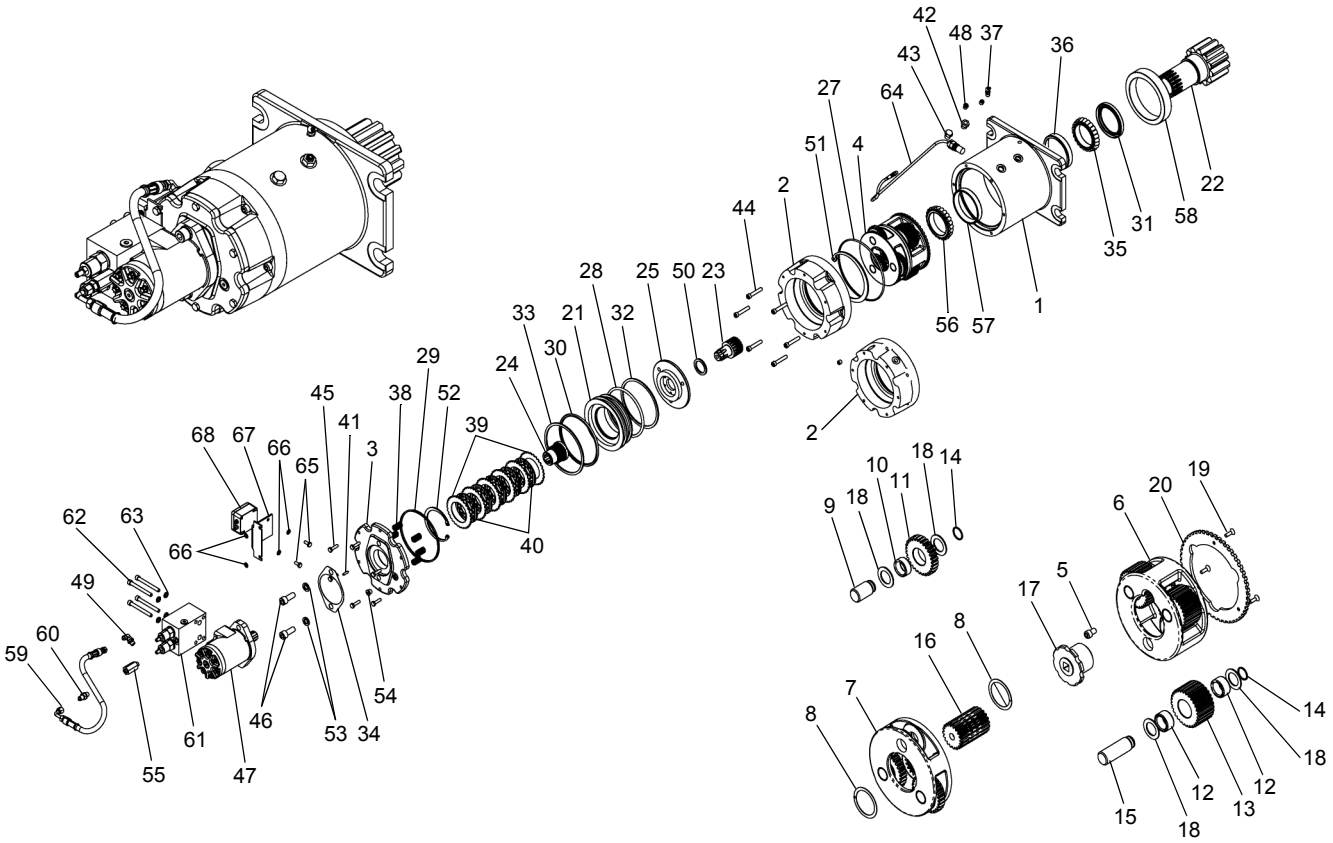


SECTION E - E

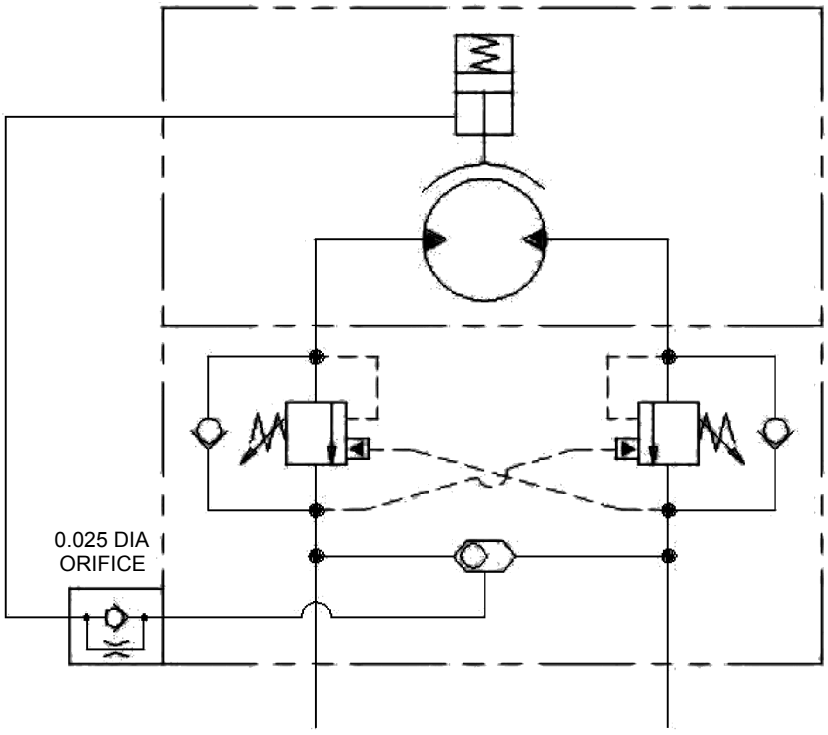
REF	PART NO.	DESCRIPTION	QTY
	700-01000 (Rev D)	*Mainframe - Turret ASSY*	
1	1213-06	Grease FTG, ZERK, 0.125NPT 90°	2
2	400-16139	ELEC Cable, Greer WAD 32' Long	1
3	450-0006	Alarm	1
4	502-00191	Grease Line Hose, BRG	2
5	511-21001	Jam Nut (TMPKNS 306-04)	2
6*	513-20029	STR CONN M#4 OFS X M#4 ORB	2
7	518-20001	CONN BH F 0.125 NPT X M 0.25 JIC	2
8	709-6827	Bracket	1
9	712-00281	Turret Weldment	1
10	716-00041	Bearing, Swing	1
11	S01-750CD00-Y8	SCR, HHCS 0.75-10X4.00, ST YZ GR8	20
12	S01-750CD50-Y8	SCR, HHCS 0.75-10X4.50, ST YZ GR8	36
13	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	4
14*	T117809	Harness, RCI Power	1
15	T122785	Mainframe Weldment	1
16	T132578	Computer, Greer A450858 (Ref Page 52.4)	1
17	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	4
18	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	56
19	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	4

* ITEMS 6 & 14 ARE NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SCHEMATIC

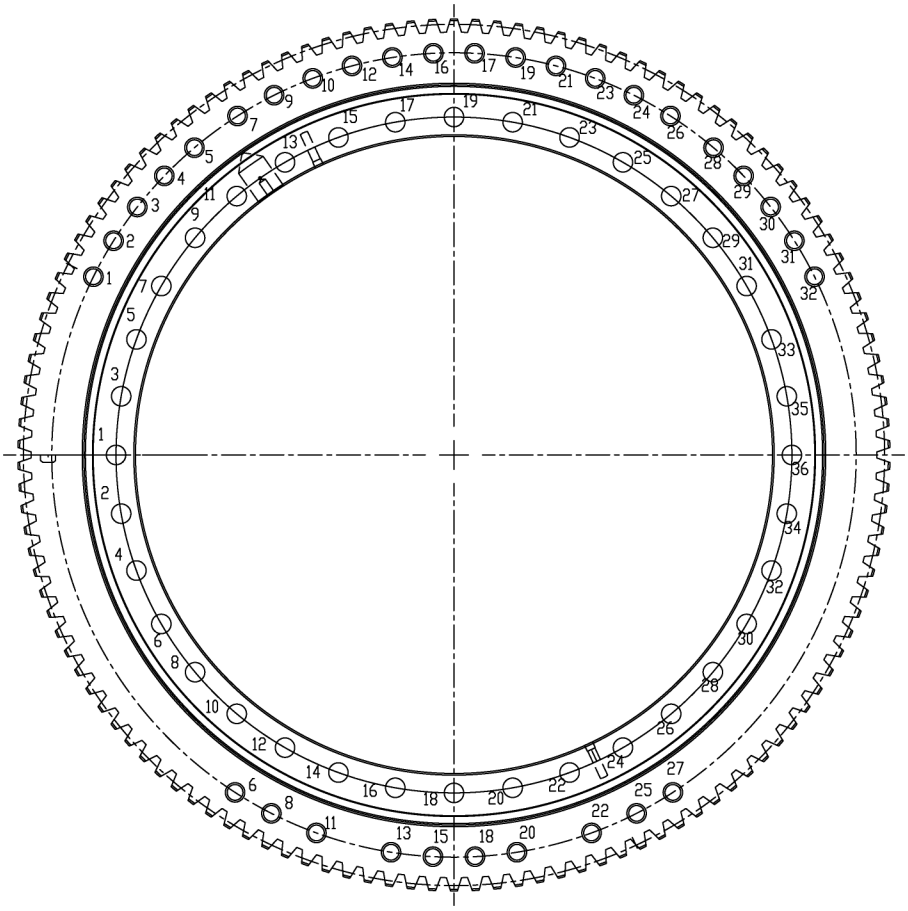


SEE PAGE 22.2

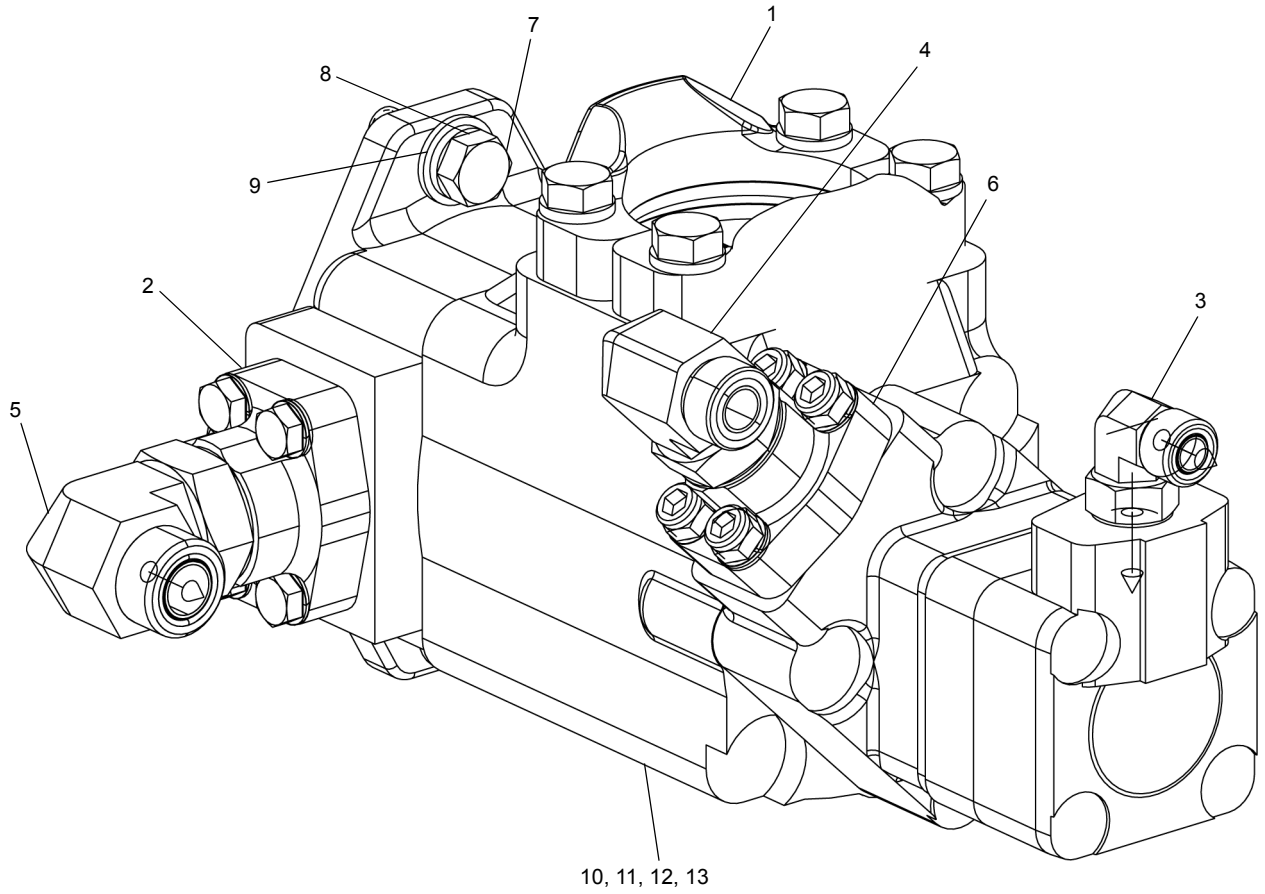
SEE PAGE 22.1

REF	PART NO.	DESCRIPTION	QTY
	292-00049.3	*Gear Box Assembly, Turret Rotation*	
1	901-00348	Housing, Gear, Swing	1
2	901-00136	Housing, Brake	1
3	901-00137	Adapter Motor	1
4	901-00350	Gear Set, Planetary	1
5	901-00172	Bolt, Pinion, Locking	1
6	901-00351	Carrier, Output	1
7	901-00248	Carrier, Input	1
8	901-00175	Ring,RET.	2
9	901-00176	Pin, Planet	3
10	901-00177	Bearing, Needle	3
11	901-00249	Gear, Planet, Input	3
12	901-00179	Bearing, Needle	6
13	901-00180	Gear, Secondary Planet	3
14	901-00182	Ring, Retaining	6
15	901-00183	Pin,Plane	3
16	901-00184	Gear, Sun, Output	1
17	901-00185	Bolt, Pinion	1
18	901-00250	Washer, Thrust	12
19	901-00352	Capscrew, HEX, Flat Head	3
20	901-00353	Plate, Target, Swing	1
21	901-00139	Piston, Brake	1
22	901-00407	Shaft, Output,Pinion	1
23	901-00191	Gear, Sun	1
24	901-00142	Gear, Brake Driver	1
25	901-00143	Plate, Thrust	1
26*	901-00354	Kit, Seal	1
27	901-00074	O-Ring	1
28	901-00154	O-Ring	1
29	901-00157	O-Ring	1
30	901-00153	O-Ring	1
31	901-00394	Seal, Oil	1
32	901-00155	Ring, Back Up	1
33	901-00152	Ring, Back Up	1
34	901-00161	Gasket	1
35	901-00395	Cone, Bearing	1
36	901-00396	Cup, Bearing	1
37	901-00365	Fitting, Grease Zerk	1
38	901-00148	Spring, Green	6
39	901-00149	Plate, Stator	6
40	901-00150	Disc Friction	5
41	901-00151	Pin, Roll	1
42	901-00276	Fitting, Adapter	1
43	901-00277	Plug, O-Ring	1
44	901-00159	Capscrew, Sockethead	6
45	901-00160	Capscrew	6
46	901-00397	Capscrew, Sockethead	2
47	530-20148	Motor, Hydraulic	1
48	901-00029	Breather	1
49	901-00106	Adpt., 90º	1
50	901-00165	Washer Thrust	1
51	901-00167	Ring, Retaining	1
52	901-00168	Ring, Retaining	1
53	901-00109	Lockwasher	2
54	901-00170	Plug, O-Ring	1
55	552-00100	Check Valve	1
56	901-00192	Cone, Bearing	1
57	901-00193	Cup, Bearing	1
58	901-00198	Ring, Eccentric	1
59	901-00356	Hose, Assembly	1
60	901-00104	Adapter, Straight	1
61	901-00357	Block, C.B. W/Valve	1
62	901-00358	Capscrew, Sockethead	4
63	901-00405	Lockwasher	4
64	901-00359	Sensor, Hall Effect	1
65	901-00360	Capscrew	2
66	901-00361	Washer, Shake Proof	4
67	901-00362	Bracket, Conditioner W.A.D.	1
68	901-00363	Conditioner, W.A.D.	1
69*	901-00364	Cable Clamp	1
70*	269-00168	Motor Seal Kit	1

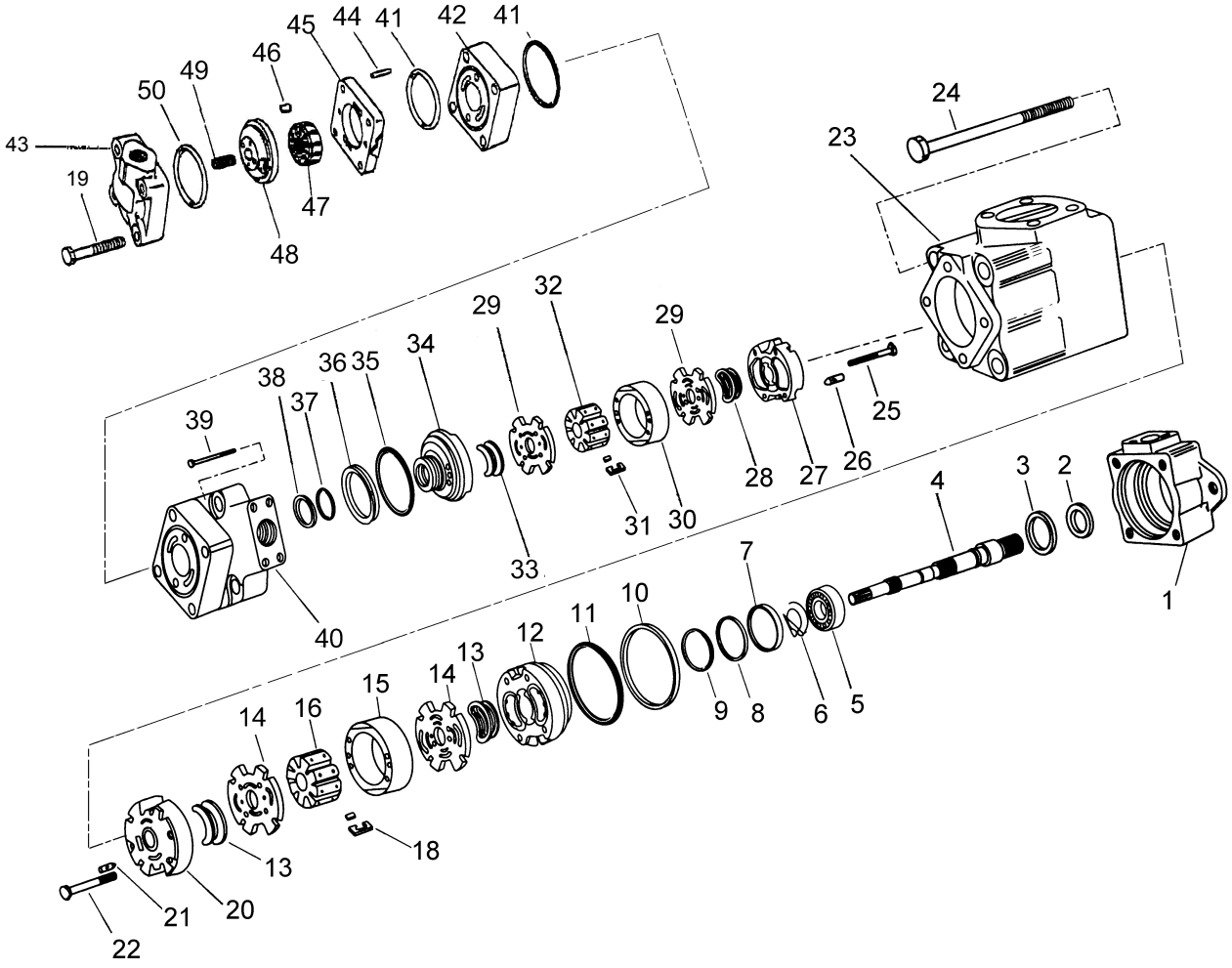
* ITEMS 26, 69 & 70 ARE NOT SHOWN IN THE ILLUSTRATION



REF	PART NO.	DESCRIPTION	QTY
	716-00041 (Rev A)	*Bearing Assembly*	



REF	PART NO.	DESCRIPTION	QTY
	521-00084-1 (Rev E)	*Manual 6 Bolt RH PTO, STD Hose (Items 1 thru 9 & 10)*	
	521-00084-3 (Rev E)	*Manual 6 Bolt LH PTO, STD Hose (Items 1 thru 9 & 11)*	
	521-00084-6 (Rev E)	*AUTO TRANS, +12" Hose (Items 1 thru 9 & 12)*	
	521-00084-7 (Rev E)	*Manual 8 Bolt PTO, +12" Hose (Items 1 thru 9 & 13)*	
1	505-06004	Split Flange Kit, 2.50	1
2	505-90064	Flange Kit STR- 16SF F-16 ORB W/HDWR	1
3	514-55011	90 Elbow M#8 OFS X M#8 ORB	1
4	514-56004	90 Elbow M10 OFS X M12 ORB	1
5	514-59023	90 Elbow 12-16	1
6	519-90067	Adapter, FLG - 12SAE X -12 ORB W/HDWR	1
7	S01-500CA50-Y8	SCR, HHCS 0.50-13X1.50, ST YZ GR8	2
8	W07-500X000-20	WSH, LCK, MED SPLIT 0.50, ST Z	2
9	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	2
10	520-00053-1	Pump, Triple, Eaton #DDC-LH	1
11	520-00053-2	Pump, Triple, Eaton #BCC-LH	1
12	520-00053-3	Pump, Triple, Eaton #ACD-LH	1
13	520-00053-4	Pump, Triple, Eaton #CCC-RH	1



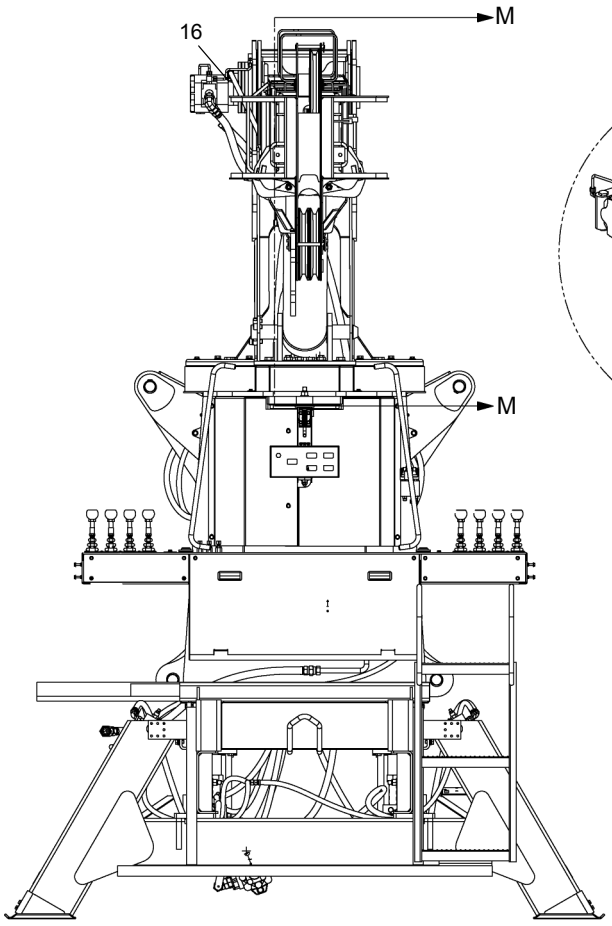
Hydraulic Pump Assembly (Vickers)

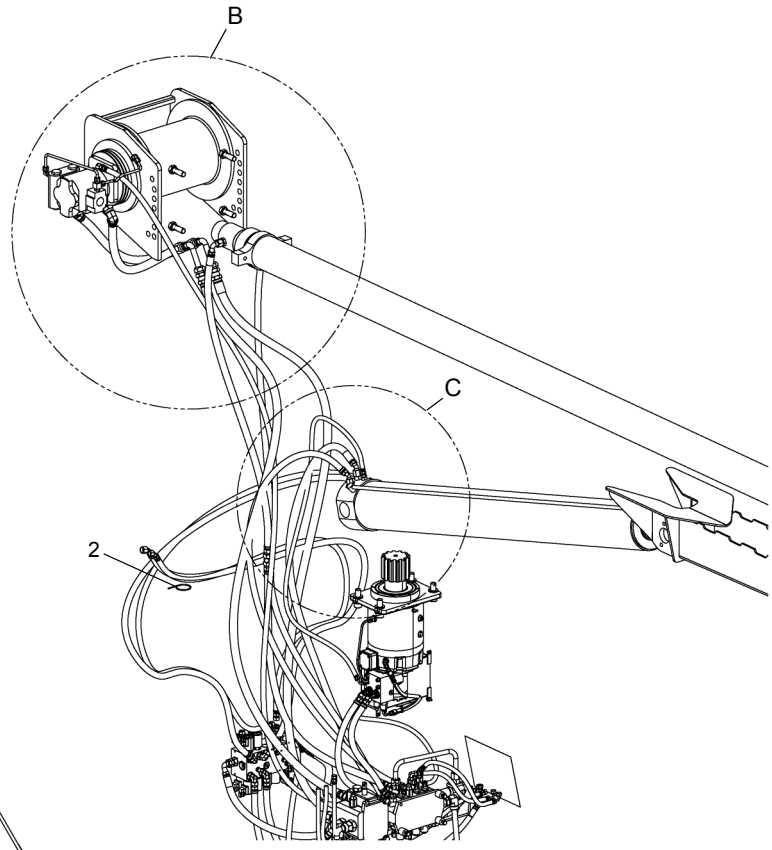
SEE PAGE 24.3

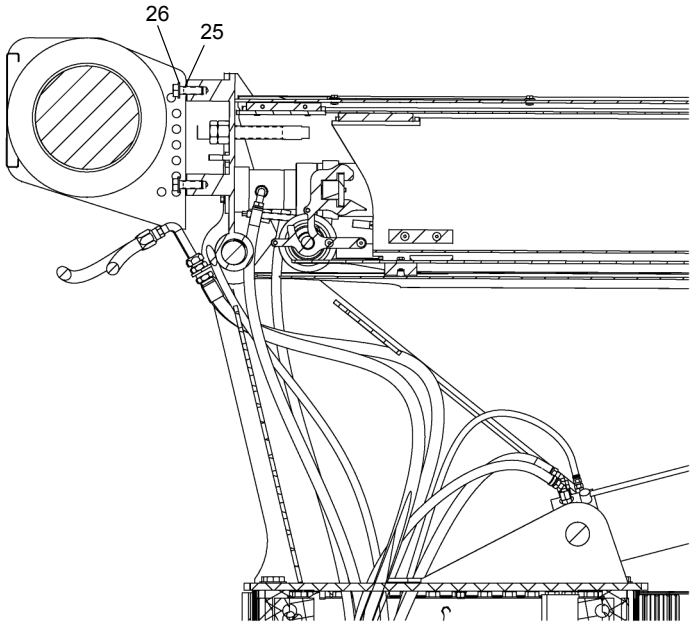
SEE PAGE 24.2

REF	PART NO.	DESCRIPTION	QTY
	520-00053	*Hydraulic Pump Assembly (Vickers)*	Ref
1	935-00119	Body Kit	1
2	935-00101	Primary Shaft Seal	1
3	935-00033	Washer	1
4	935-00097	Shaft (297 Type)	1
5	935-00020	Bearing	1
6	935-00025	Ring	1
7	935-00034	Lockring	1
8	935-00119	Back Up Ring	1
9	935-00026	O-Ring	1
10	935-00151	Seal Ring	1
11	935-00030	O-Ring	1
12	935-00150	Outlet Plate	1
13	935-00149	Seal PAC	4
14	935-00120	Flex Side Plate	2
15	935-00148	Ring	1
16	935-00044	Rotor	1
17*	935-00091	Pump Seal Kit	REF
18	935-00056	Vane Kit	1
19	935-00088	Bolt	1
20	935-00146	Inlet Plate	1
21	935-00147	Pin	2
22	935-00145	HEX Head Screw	2
23	935-00041	Inlet Cover	1
24	935-00024	Bolt	4
25	935-00140	Screw	2
26	935-00141	Pin	2
27	935-00142	Inlet Plate	1
28	935-00143	Seal PAC	4
29	935-00121	Side Plate Kit	1
30	935-00139	Ring	1
31	935-00144	Vane Kit	1
32	935-00138	Rotor	1
33	935-00143	Seal PAC	4
34	935-00117	Outlet Plate (Special For R-O)	1
35	935-00028	O-Ring	1
36	935-00136	Seal Ring	1
37	935-00060	O-Ring	1
38	935-00122	Back-Up Ring	1
39	935-00022	Bolt	4
40	935-00135	Rear Mounting Cover	1
41	935-00093	O-Ring	2
42	935-00111	Wear Plate	1
43	935-00100	V10 Cover Option	1
44	935-00095	Pin	2
45	935-00110	Ring	1
46	935-00109	Vane Kit	1
47	935-00108	Rotor	1
48	935-00107	Pressure Plate	1
49	935-00106	Spring	1
50	935-00093	O-Ring	1

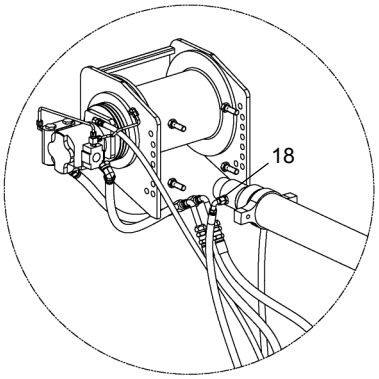
* ITEM 17 IS NOT SHOWN IN THE ILLUSTRATION.



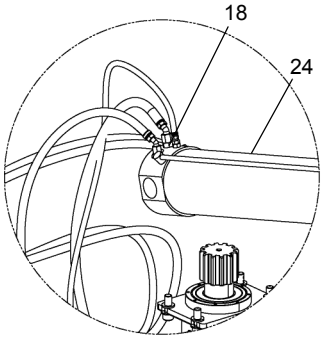




SECTION M-M

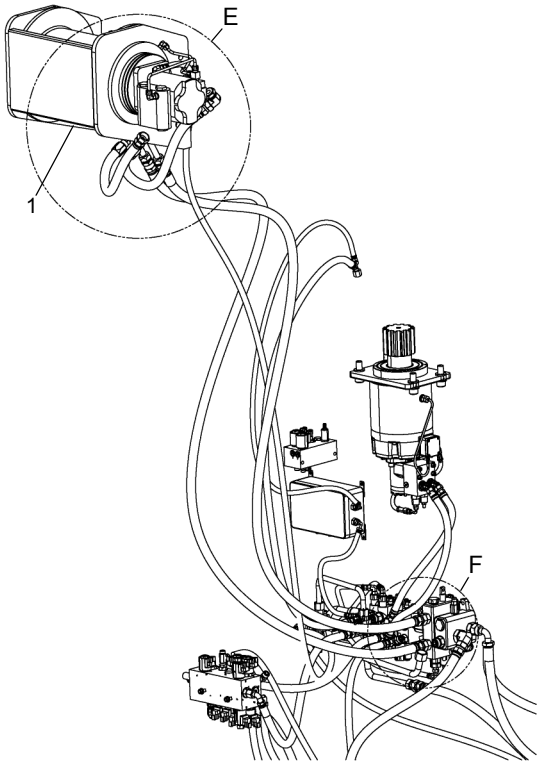


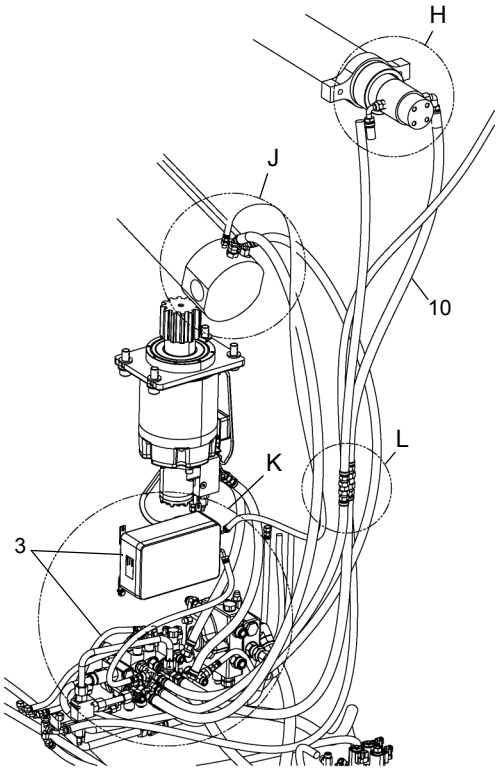
DETAIL B

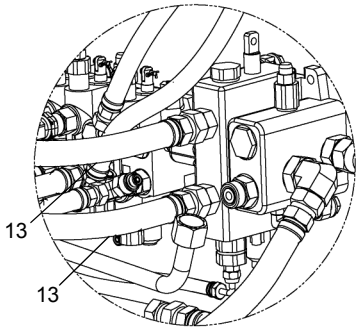


DETAIL C

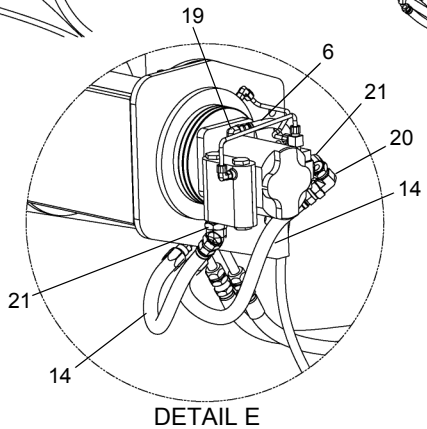
SEE PAGE 25.3



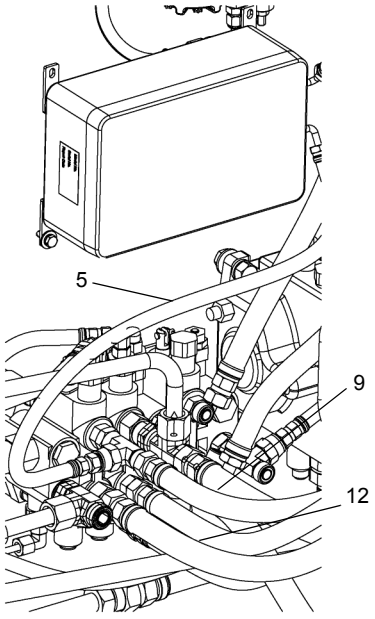




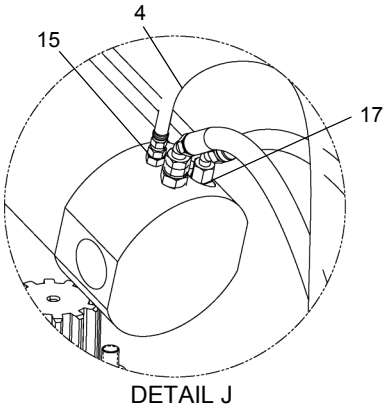
DETAIL F



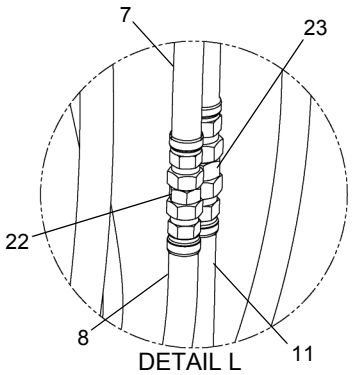
DETAIL E



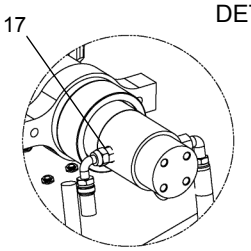
DETAIL K



DETAIL J



DETAIL L

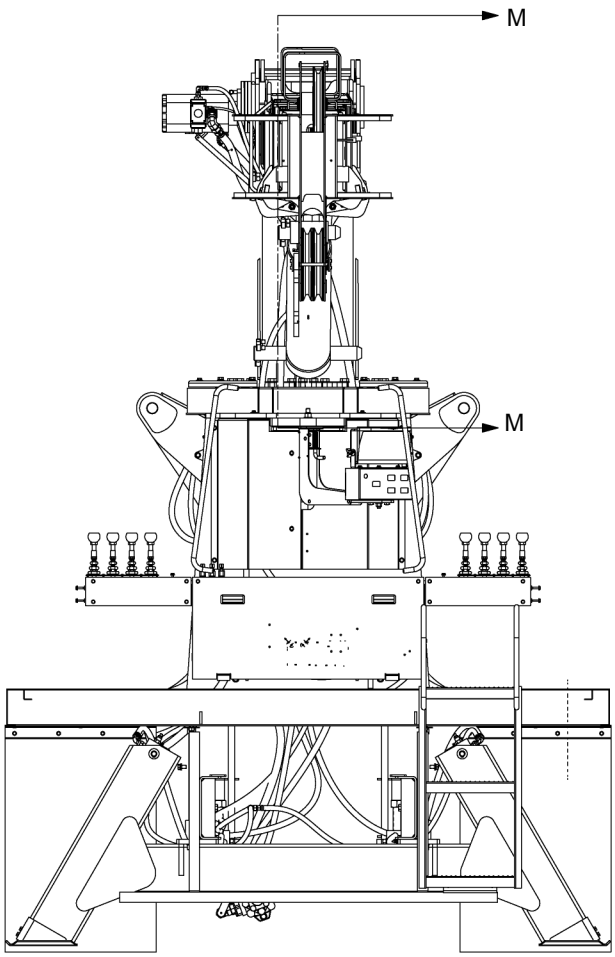


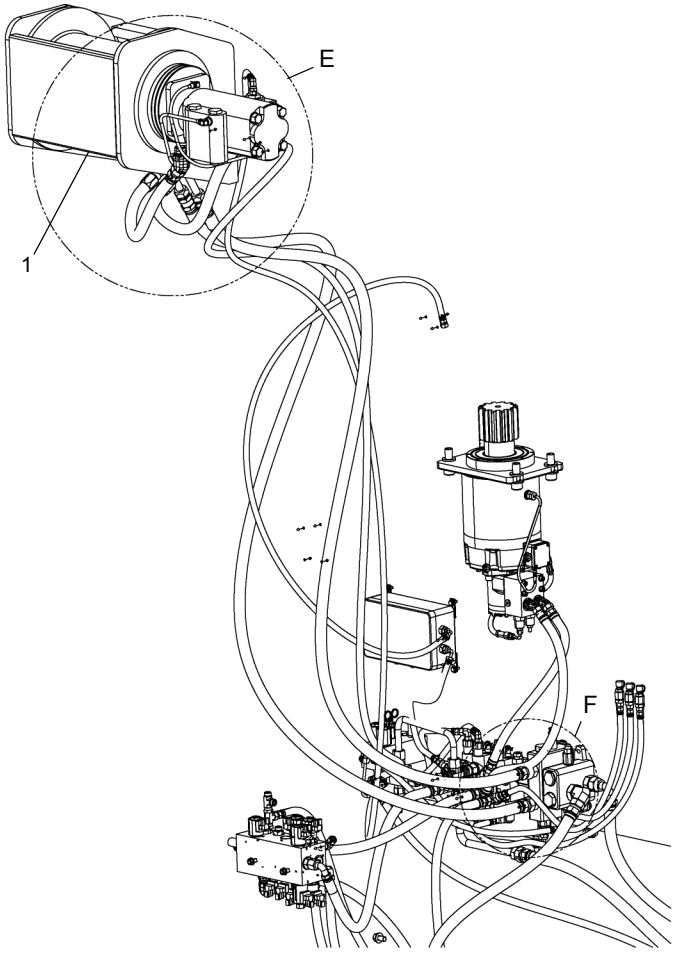
DETAIL H

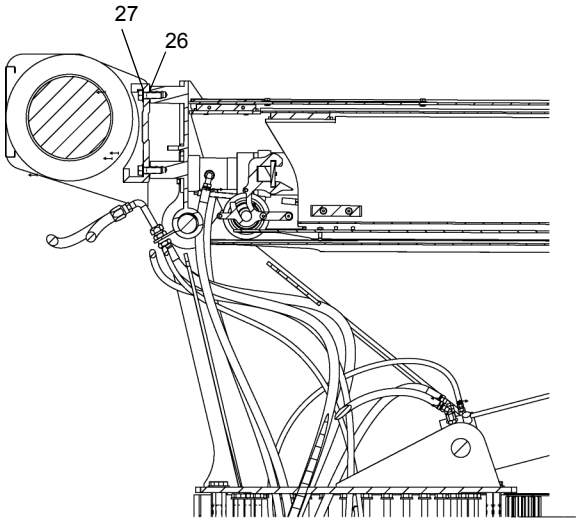
SEE PAGE 25.3

SEE PAGES 25.1 & 25.2

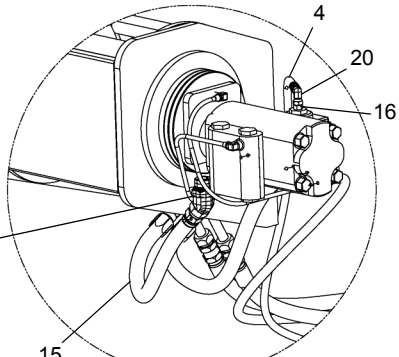
REF	PART NO.	DESCRIPTION	QTY
	500-01833-01 (Rev C)	*HYD INSTL, BT 3870, NON CON - CF*	
1	293-00037	Winch ASSY	1
2	400-15086	Tie, Nylon CBL, 1.75 DIA	1
3	500-01839-01	HYD INSTL, Main OUTR'GR	1
4	502-11350	Hose, Hydraulic, RCI	1
5	502-11351	Hose, HYD RCI Topping Rod Base	1
6	502-21019	Hose, Winch Motor Drain	1
7	502-30783	Hose ASSY, Tele Retract - Upper	1
8	502-30784	Hose ASSY, Tele Retract - Lower	1
9	502-30787	Hose, Boom Topping Retract	1
10	502-35084	Hose ASSY, Tele Extend - Upper	1
11	502-35085	Hose ASSY, Tele Extend - Lower	1
12	502-35087	Hose, Boom Topping Extend	1
13	502-41014	Hose SSY, Winch	2
14	502-41015	Hose ASSY, Winch, Short	2
15	513-20019	CONN M#4 OFS X M#6 ORB	1
16	513-20027	STR Adapter, FF-2404-6-4	1
17	513-50023	Adapter, MOFS-8/MORB-8	2
18	513-60008	Adapter, MORB-10/MOFS-10	2
19	514-64002	Elbow 90 DEG, Swivel, -6	1
20	514-67004	Elbow Swivel 90 P#12C6LO-S	1
21	515-07003	Fitting, 45 DEG, FGFF-6802-12-16	2
22	519-50024	Union Fitting, STR M08 OFS	1
23	519-60017	Union Fitting, STR M10 OFS	1
24	695-10020	Structural ASSY, BT3870	1
25	S01-750CB25-Y8	SCR HHCS 0.75-10X2.25, ST YZ GR8	4
26	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4



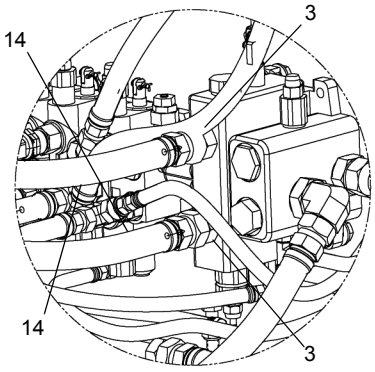




SECTION M-M

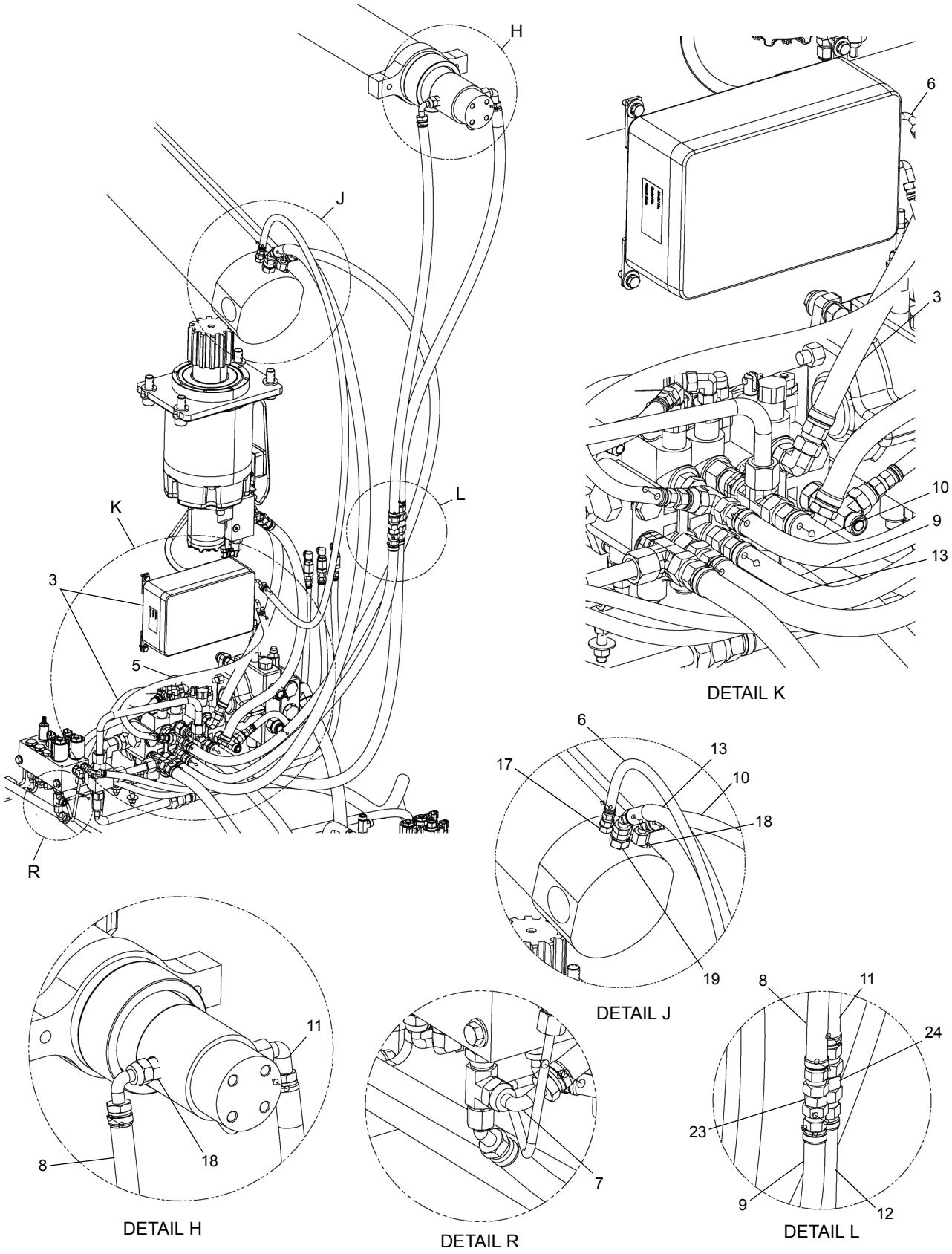


DETAIL E



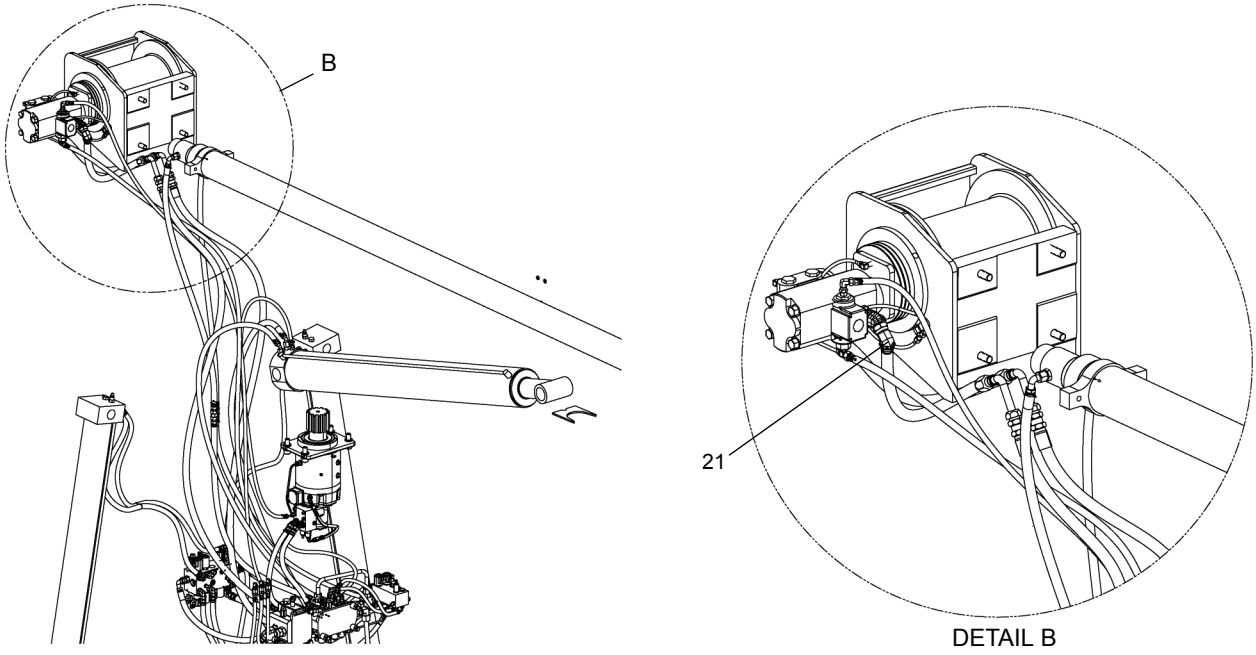
DETAIL F

SEE PAGE 25.6



SEE PAGE 25.6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

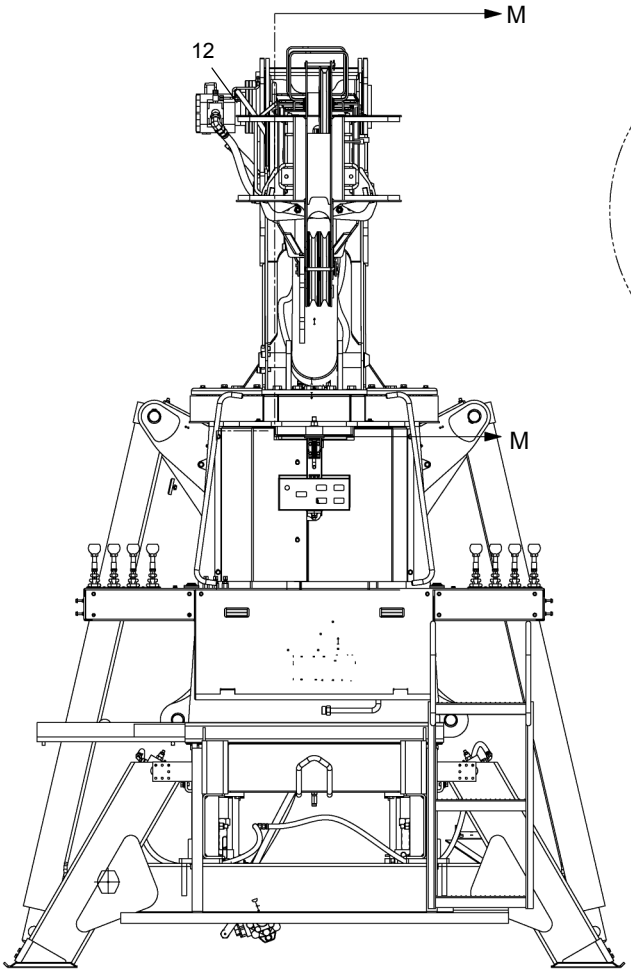


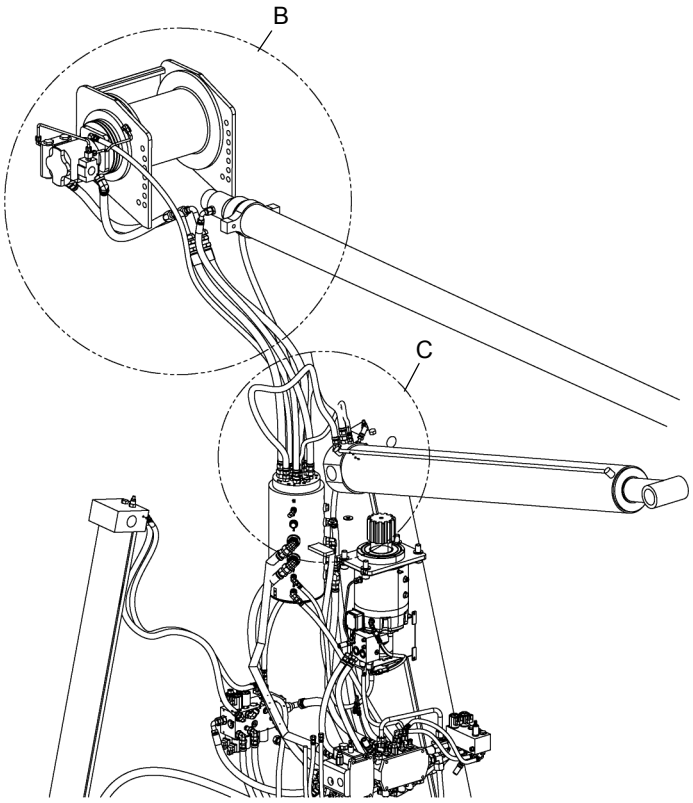
SEE PAGES 25.4 & 25.5

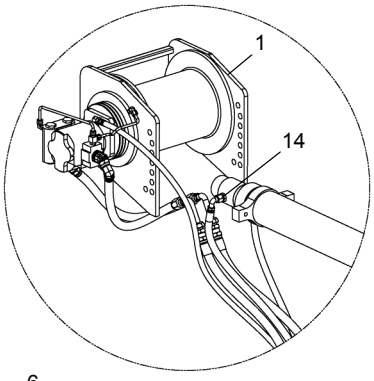
REF	PART NO.	DESCRIPTION	QTY
	500-01833-02 (Rev B)	*HYD INSTL, BT 3870, NON CON - MS*	
1	293-00044	Winch ASSY, 12K 2 Speed	1
2*	400-15086	Tie, Nylon CBL, 1.75 DIA	1
3	500-01839-02	HYD INSTL, Main OUTR'GR	1
4	502-11346	Hose ASSY, 2SP Pilot	1
5	502-11350	Hose, Hydraulic, RCI	1
6	502-11351	Hose, HYD RCI Topping Rod Base	1
7	502-21026	Winch Drain, MS, NC	1
8	502-30783	Hose ASSY, Tele Retract - Upper	1
9	502-30784	Hose ASSY, Tele Retract - Lower	1
10	502-30787	Hose, Boom Topping Retract	1
11	502-35084	Hose ASSY, Tele Extend - Upper	1
12	502-35085	Hose ASSY, Tele Extend - Lower	1
13	502-35087	Hose, Boom Topping Extend	1
14	502-41014	Hose ASSY, Winch	2
15	502-41015	Hose ASSY, Winch, Short	2
16	513-20017	STR CONN M#4 OFS X M#4 ORB	1
17	513-20019	CONN M#4 OFS X M#6 ORB	1
18	513-50023	STR CONN M#8 OFS X M#8 ORB	2
19	513-60008	CONN M#10 OFS X M#10 ORB	2
20	514-62002	Elbow 90 M0.25OFS X F0.25OFS SW	1
21	514-67004	Elbow Swivel 90 P#12C6LO-S	1
22	515-07003	Fitting, 45 DEG, FGFF-6802-12-16	2
23	519-50024	Union Fitting, STR M08 OFS	1
24	519-60017	Union Fitting, STR M10 OFS	1
25*	695-10020	Structural ASSY, BT3870	REF
26	S01-750CB25-Y8	SCR, HHCS 0.75-10X2.25, ST YZ GR8	4
27	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4

* ITEMS 2 & 25 ARE NOT SHOWN IN THE ILLUSTRATION

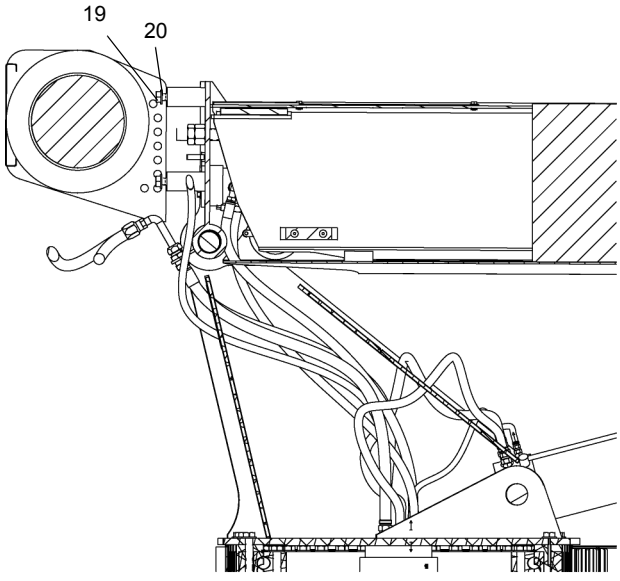
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



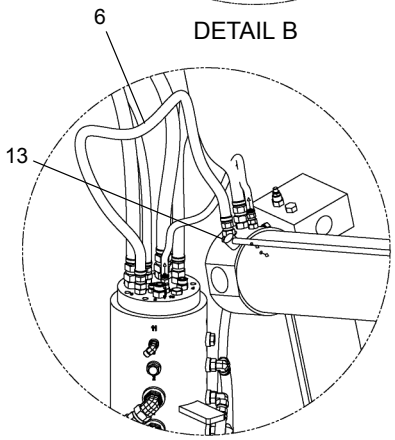




DETAIL B

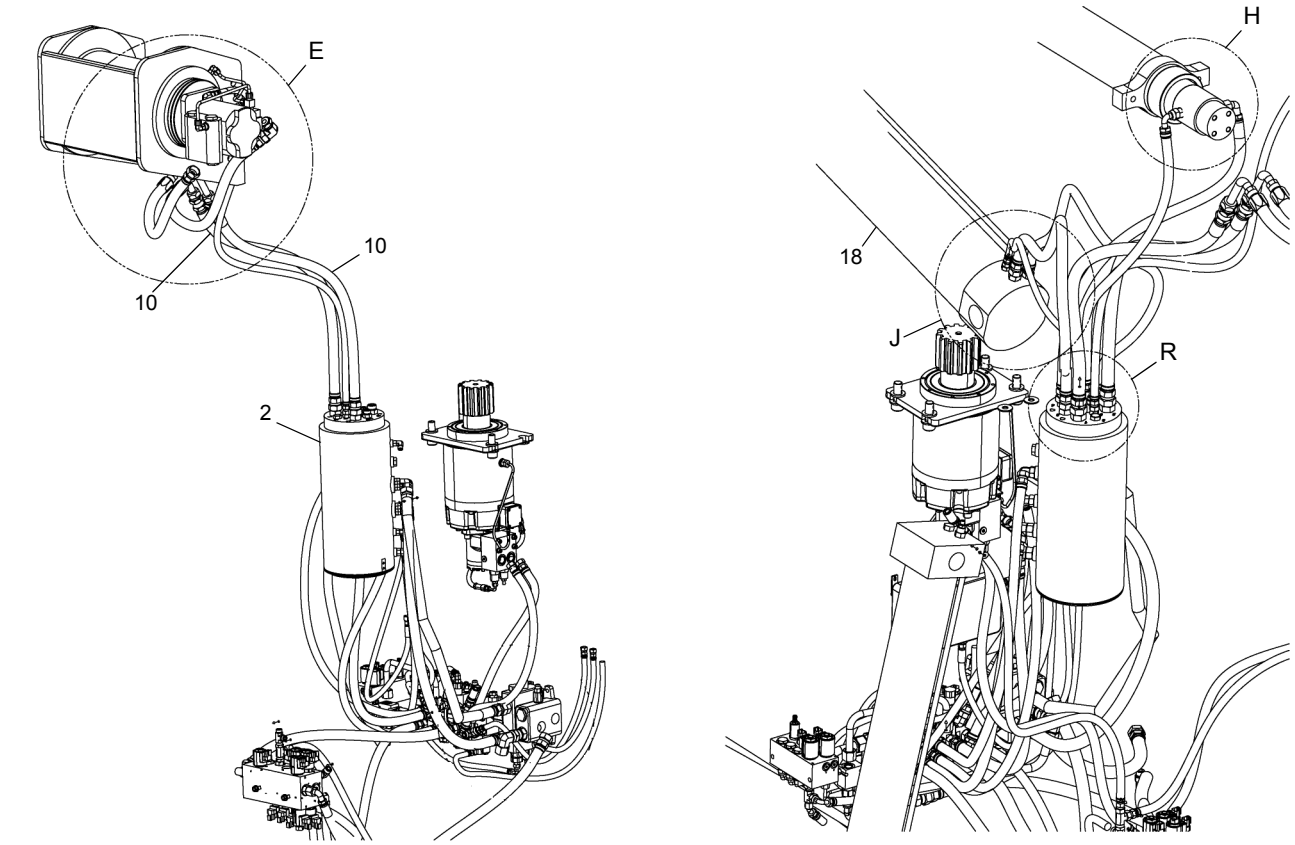


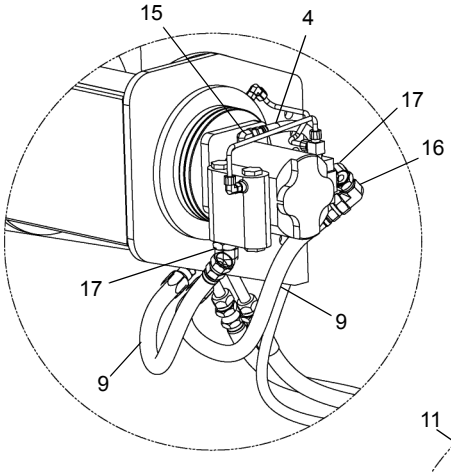
SECTION M-M



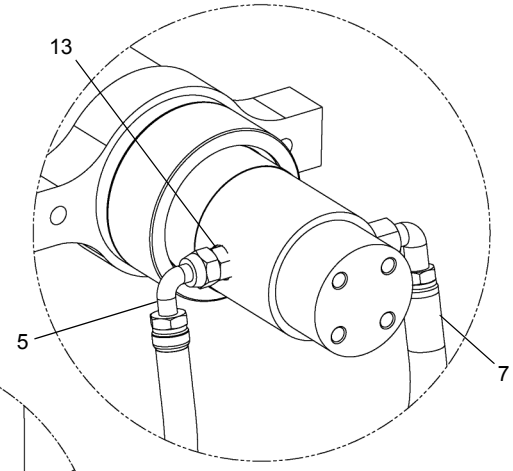
DETAIL C

SEE PAGE 25.9

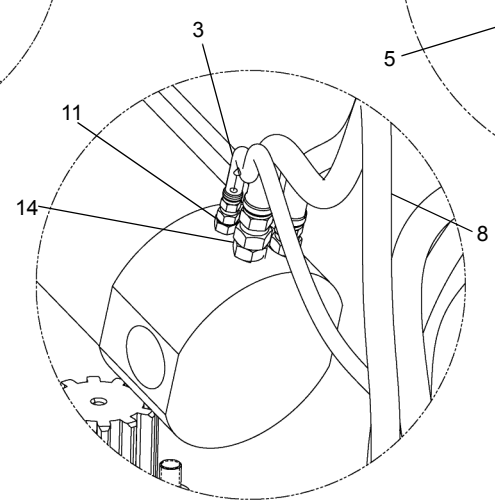




DETAIL E



DETAIL H

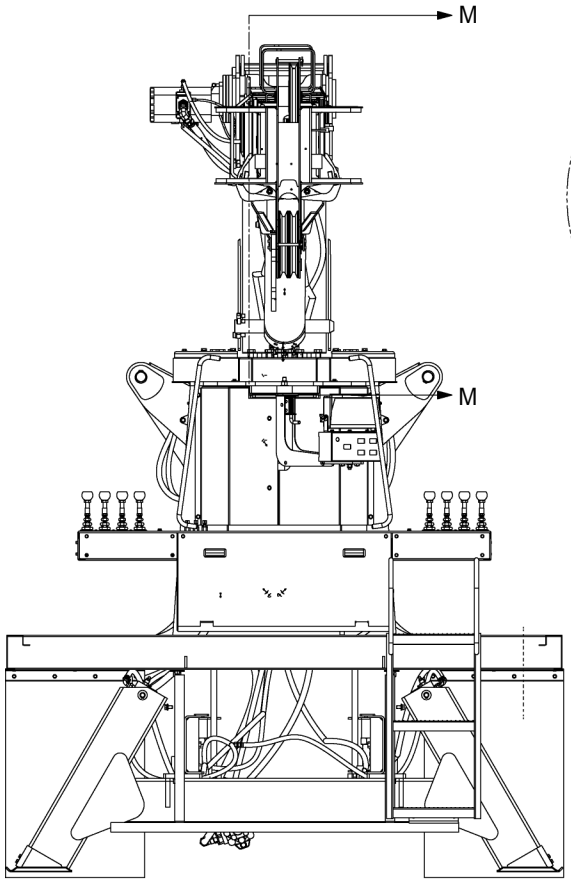


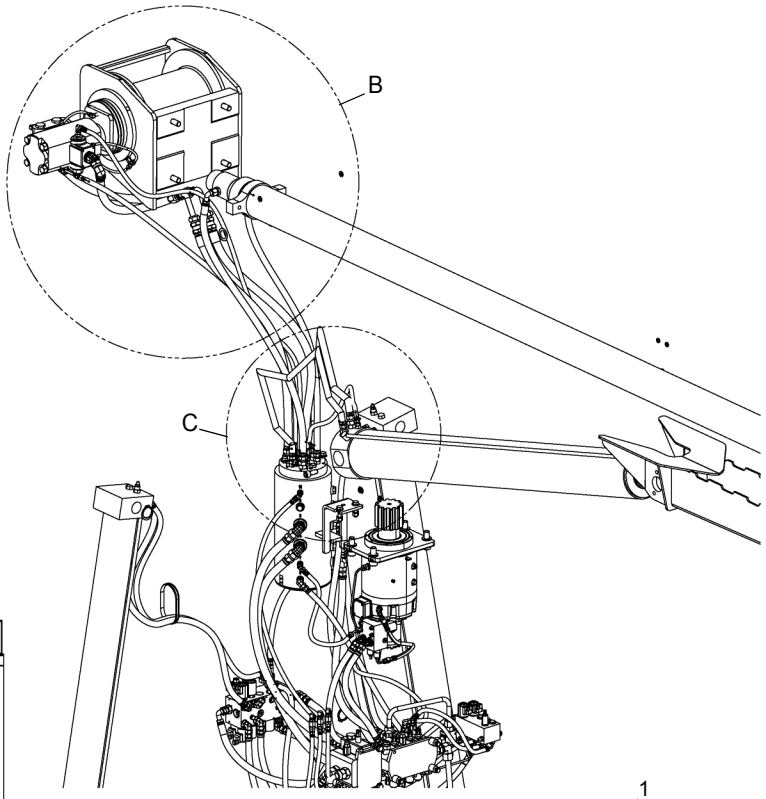
DETAIL J

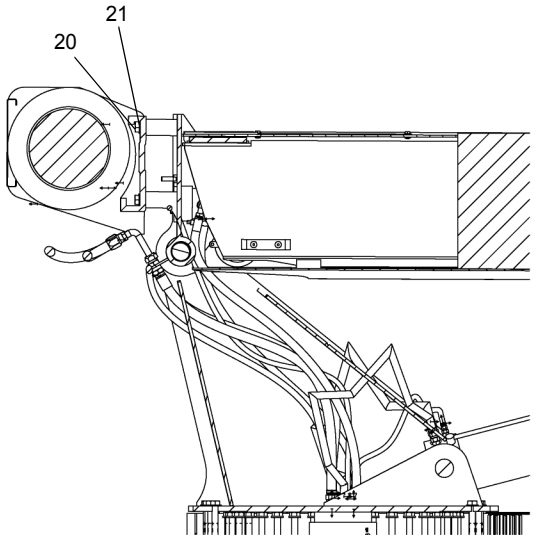
SEE PAGE 25.9

SEE PAGES 25.7 & 25.8

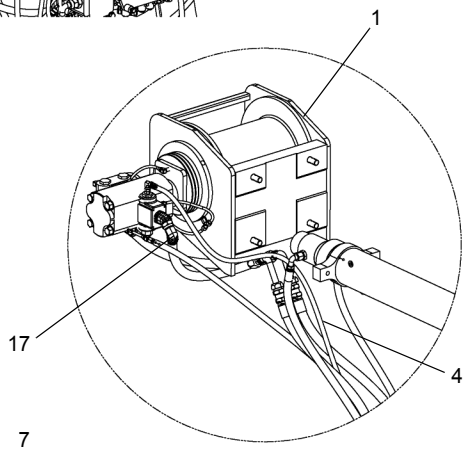
REF	PART NO.	DESCRIPTION	QTY
	500-01833-03 (Rev C)	*HYD INSTL, BT 3870, CON - CF*	
1	293-00037	Winch ASSY	1
2	500-01839-03	HYD INTSL, Main OUT'GR	1
3	502-11348	Hose Assembly, RCI/TPG CYL Upper	1
4	502-21020	Hose, Winch Drain CF Conrot	1
5	502-30783	Hose ASSY, Tele Retract - Upper	1
6	502-30786	Hose ASSY, TBG (RET) Upper	1
7	502-35084	Hose ASSY, Tele Extend - Upper	1
8	502-35088	Hose ASSY, Boom TPG (EXT) Upper	1
9	502-41015	Hose ASSY, Winch, Short	2
10	502-41016	Hose ASSY, Winch Swivel Upper	2
11	513-20019	CONN M#4 OFS X M#6 ORB	1
12	513-20027	STR Adapter, FF-2404-6-4	1
13	513-50023	Adapter, MOFS-8/MORB-8	2
14	513-60008	Adapter, MORB-10/MOFS-10	2
15	514-64002	Elbow 90 DEG, Swivel, -6	1
16	514-67004	Elbow Swivel 90 P#12C6LO-S	1
17	515-07003	Fitting, 45 DEG, FGFF-6802-12-16	2
18	695-10020	Structural ASSY, BT3870	REF
19	S01-750CB25-Y8	SCR, HHCS 0.75-10X2.25, ST YZ GR8	4
20	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4



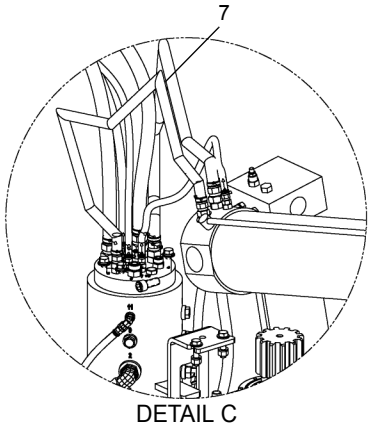




SECTION M-M

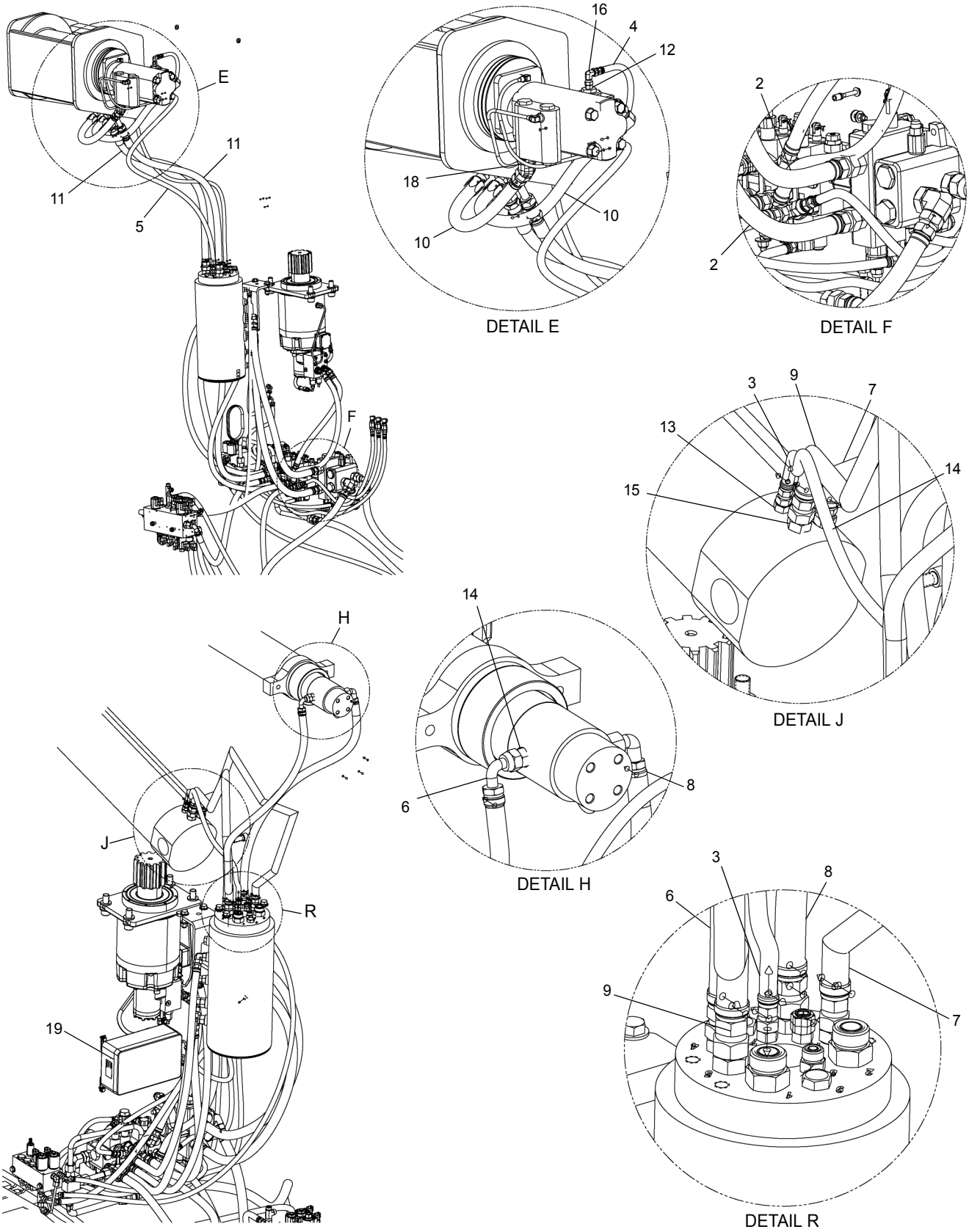


DETAIL B



DETAIL C

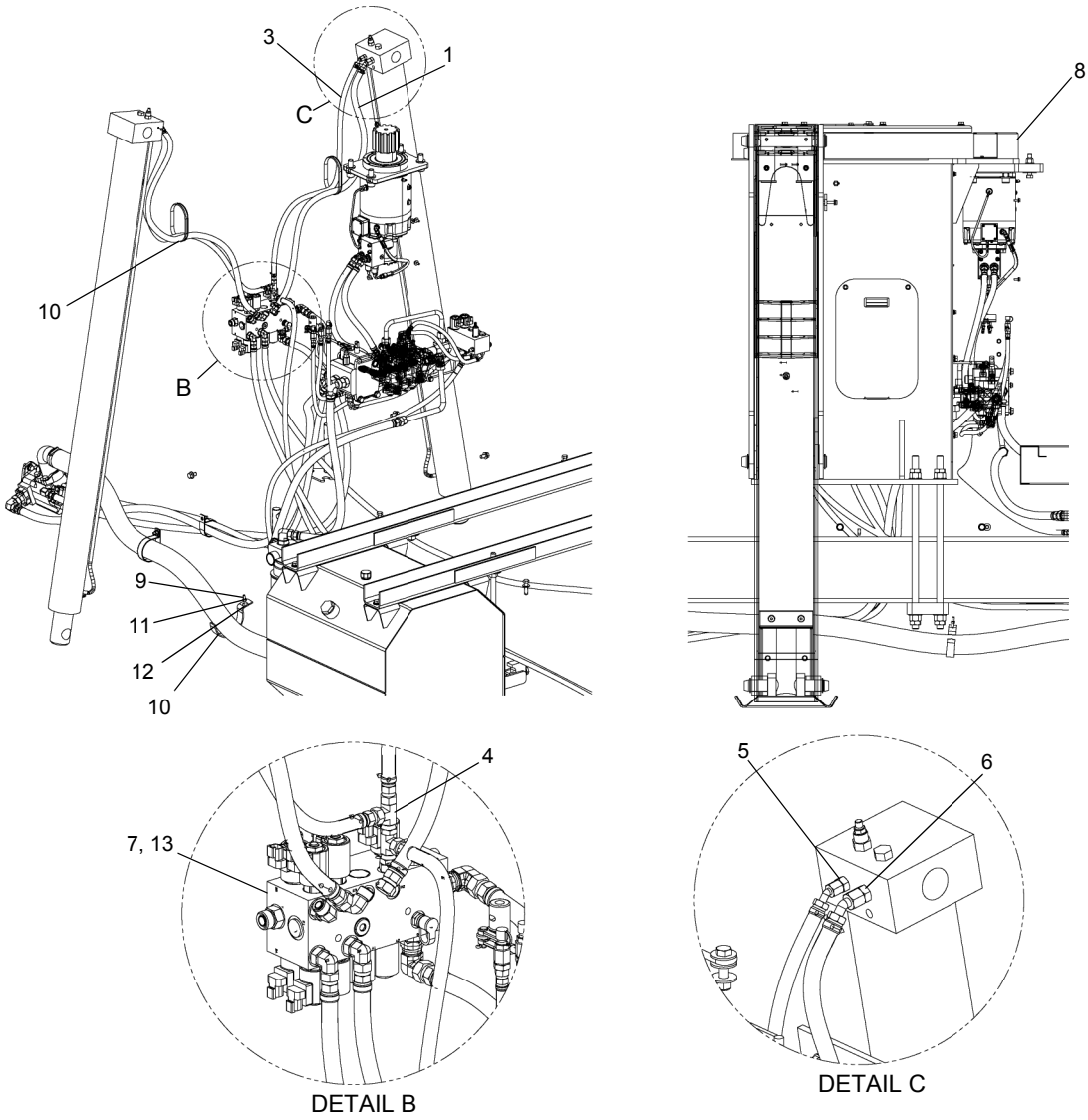
SEE PAGE 25.12



SEE PAGE 25.12

SEE PAGES 25.10 & 25.11

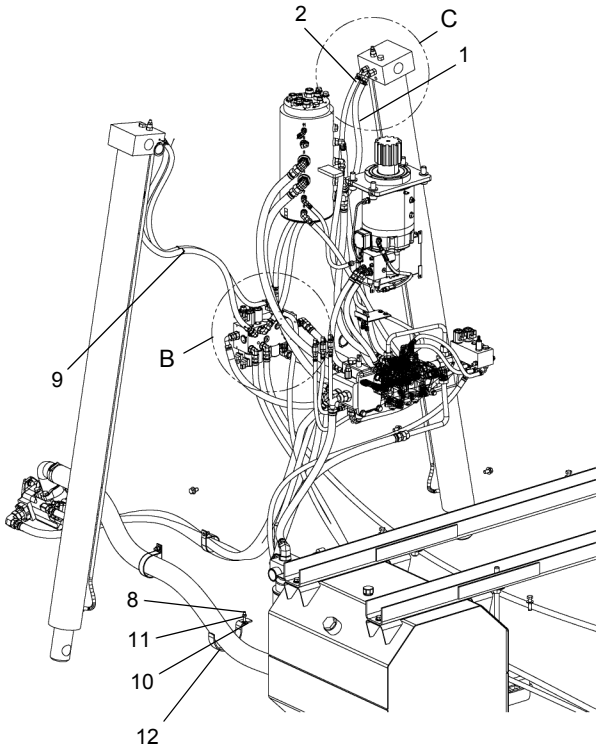
REF	PART NO.	DESCRIPTION	QTY
	500-01833-04 (Rev B)	*HYD INSTL, BT 3870, CON - MS*	
1	293-00044	Winch ASSY, 12K 2 Speed	1
2	500-01839-04	HYD INSTL, Main OUT'GR	1
3	502-11348	Hose ASSY, RCI/TPG CYL Upper	1
4	502-11349	Hose ASSY, 2SP Pilot Upper	1
5	502-21022	Hose, Winch MTR Drain, Upper	1
6	502-30783	Hose ASSY, Tele Retract - Upper	1
7	502-30786	Hose ASSY, TBG (RET) Upper	1
8	502-35084	Hose ASSY, Tele Extend - Upper	1
9	502-35088	Hose Assembly, Boom TPG (EXT) Upper	1
10	502-41015	Hose ASSY, Winch, Short	2
11	502-41016	Hose ASSY, Winch Swivel Upper	2
12	513-20017	STR CONN M#4 OFS X M#4 ORB	1
13	513-20019	CONN M#4 OFS X M#6 ORB	1
14	513-50023	STR CONN M#8 OFS X M#8 ORB	2
15	513-60008	CONN M#10 OFS X M#10 ORB	2
16	514-62002	Elbow 90 M0.25OFS X F0.25OFS SW	1
17	514-67004	Elbow Swivel 90 P#12C6LO-S	1
18	515-07003	Fitting, 45 DEG, FGFF-6802-12-16	2
19	695-10020	Structural ASSY, BT3870	REF
20	S01-750CB25-Y8	SCR, HHCS 0.75-10X2.25, ST YZ GR8	4
21	WAH-75NX000-Y2	WSH FL HRD A-NRW 0.75, ST YZ	4

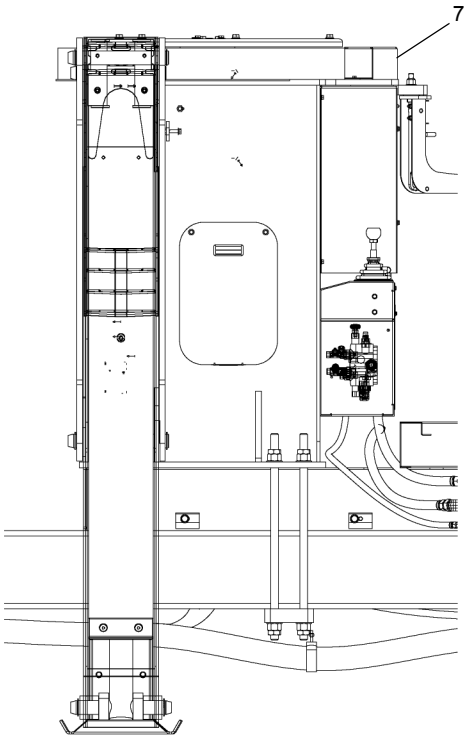


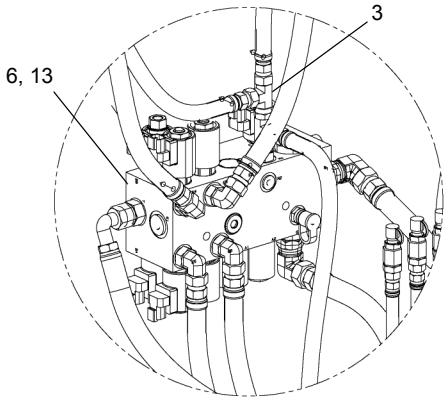
REF	PART NO.	DESCRIPTION	QTY
	500-01839-01 (Rev B)	*HYD INSTL, Main OUT'GR Non Continuous Combined Flow (Items 1 thru 12)*	
	500-01839-02 (Rev B)	*HYD INSTL, Main OUT'GR Non Continuous Motor Shift (Items 1 thru 6 & 8 thru 13)*	
1	502-30788	Hose, Main Outrigger Extend	2
2*	400-15086	Tie, Nylon CBL, 1.75 DIA	4
3	502-21024	Hose, Main Outrigger Retract	2
4	516 -84003	Tee, Run 2X M#6 OFS X F #6 OFS	1
5	513- 40014	STR CONN M#6 OFS X M#6 ORB	2
6	513-50023	STR CONN M#8 OFS X M# 8 ORB	2
7	500-01838-01	HYD INSTL, SUBFRM- MAINFRM	1
8	695-10019	Truck Attach Main ASSY	Ref
9	S01-312CA75-25	SCR, HHCS 0.3125 -18X1.75, ST Z G5	1
10	201-00119	Clamp, Hose, 2.625 DIA	1
11	NYL-312C000-25	Nut, HEX NYL-INS 0.312-18, ST Z G5	1
12	WAW -31WX000-20	WSH, FL TYPA -WID 0.3125, ST Z	1
13	500-01838-02	HYD INSTL, SUBFRM- MAINFRM	1

* ITEM 2 IS NOT SHOWN IN THE ILLUSTRATION

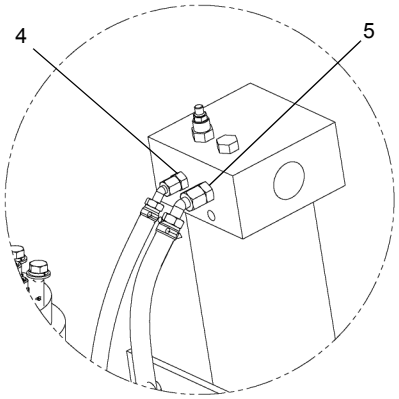
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED







DETAIL B

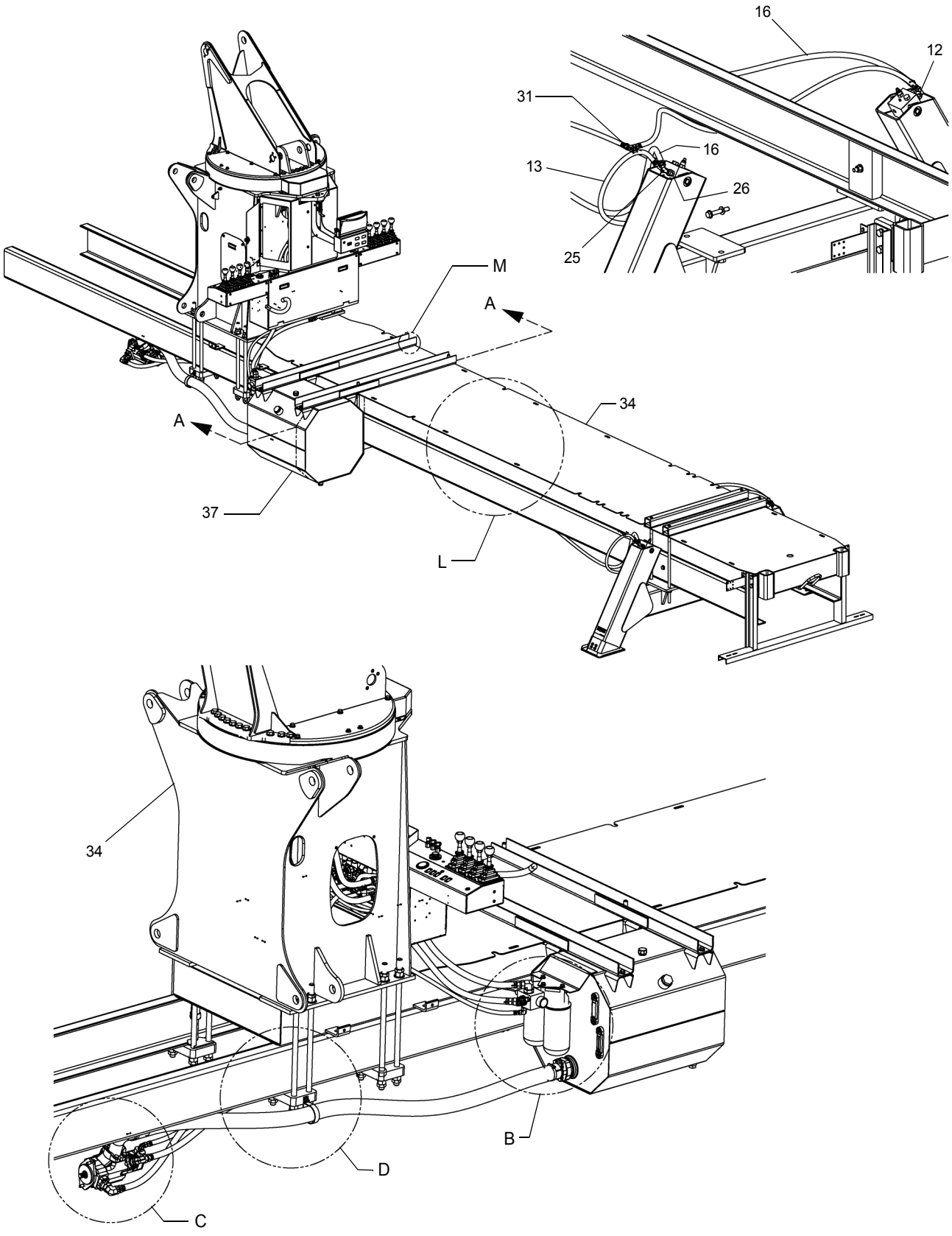


DETAIL C

REF	PART NO.	DESCRIPTION	QTY
	500-01839-03 (Rev B)	*HYD INSTL, Main OUT'GR Non Continuous Combined Flow (Items 1 thru 12)*	
	500-01839-04 (Rev B)	*HYD INSTL, Main OUT'GR Continuous Rotation Combined flow(Items 1 thru 5, 7 thru 8 & 10 thru 13)*	
1	502-30788	Hose, Main Outrigger Extend	2
2	502-21024	Hose, Main Outrigger Retract	2
3	516 -84003	Tee, Run 2X M#6 OFS X F #6 OFS	1
4	513- 40014	STR CONN M#6 OFS X M#6 ORB	2
5	513-50023	STR CONN M#8 OFS X M# 8 ORB	2
6	500-01838-03	HYD INSTL, SUBFRM- MAINFRM	1
7	695-10019	Truck Attach Main ASSY	Ref
8	S01-312CA75-25	SCR, HHCS 0.3125 -18X1.75, ST Z G5	1
9*	400-15086	Tie, Nylon CBL, 1.75 DIA	4
10	WAW -31WX000-20	WSH, FL TYPA -W ID 0.3125, ST Z	1
11	NYL-312C000-25	Nut, HEX NYL-INS 0.312-18, ST Z G5	1
12	201-00119	Clamp, Hose, 2.625 DIA	1
13	500-01838-04	HYD INSTL, SUBFRM- MAINFRM	1

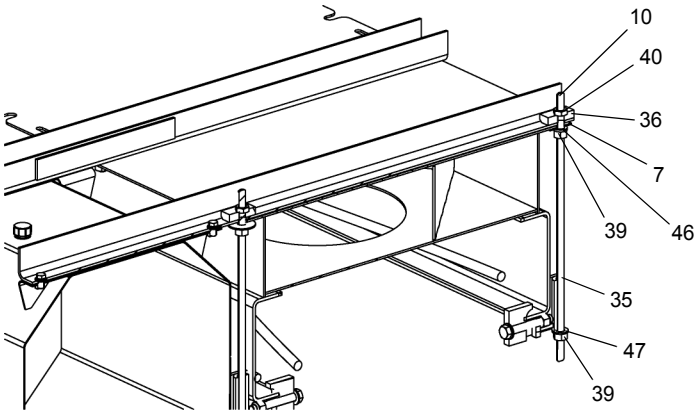
* ITEM 9 IS NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

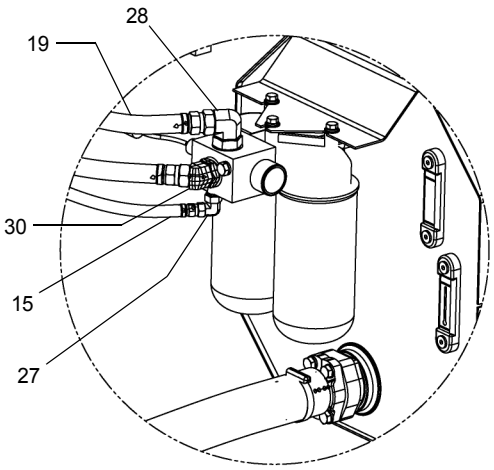


SEE PAGE 25.18

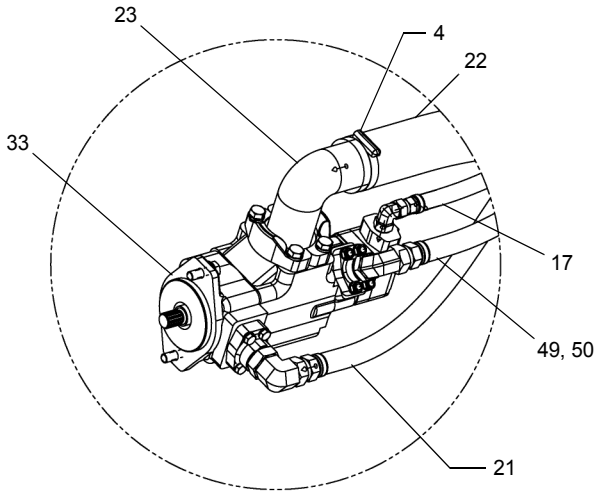
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



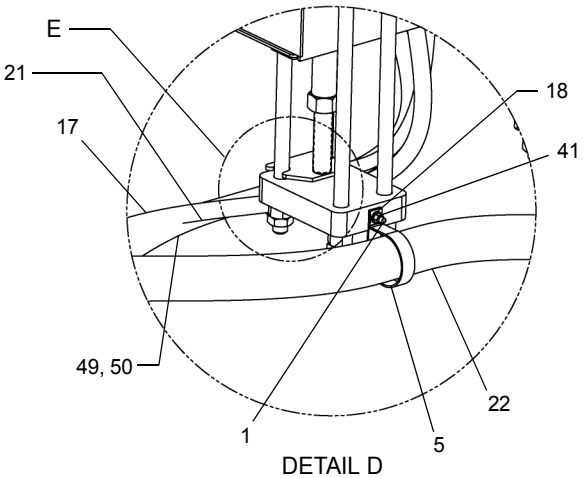
VIEW A



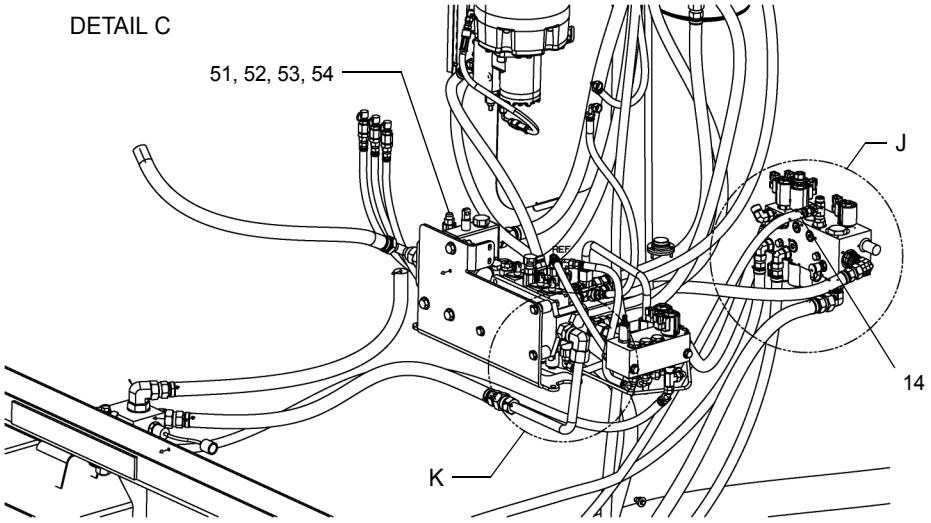
DETAIL B



DETAIL C

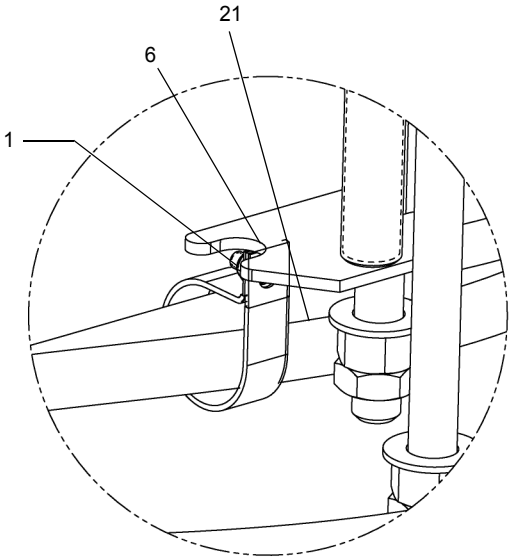


DETAIL D

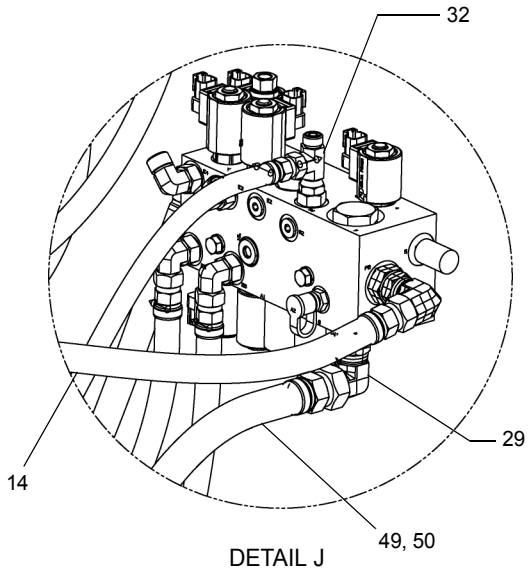


SEE PAGE 25.18

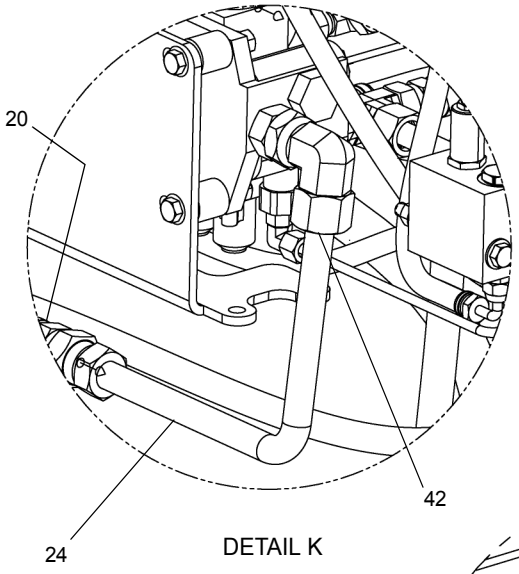
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



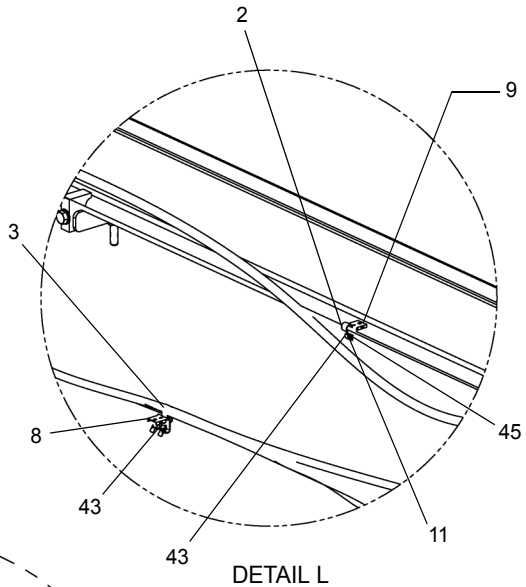
DETAIL E



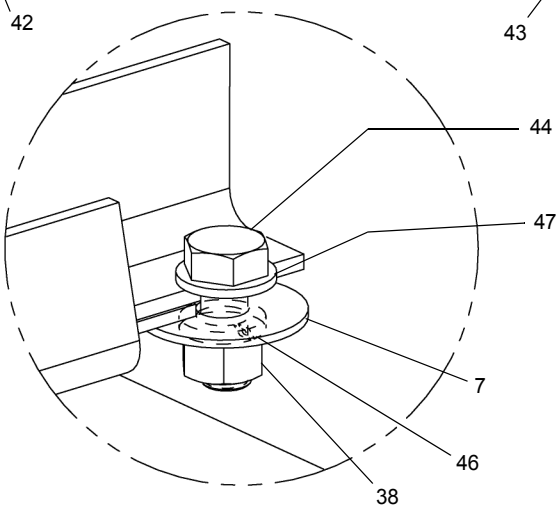
DETAIL J



DETAIL K



DETAIL L



DETAIL M

SEE PAGE 25.18

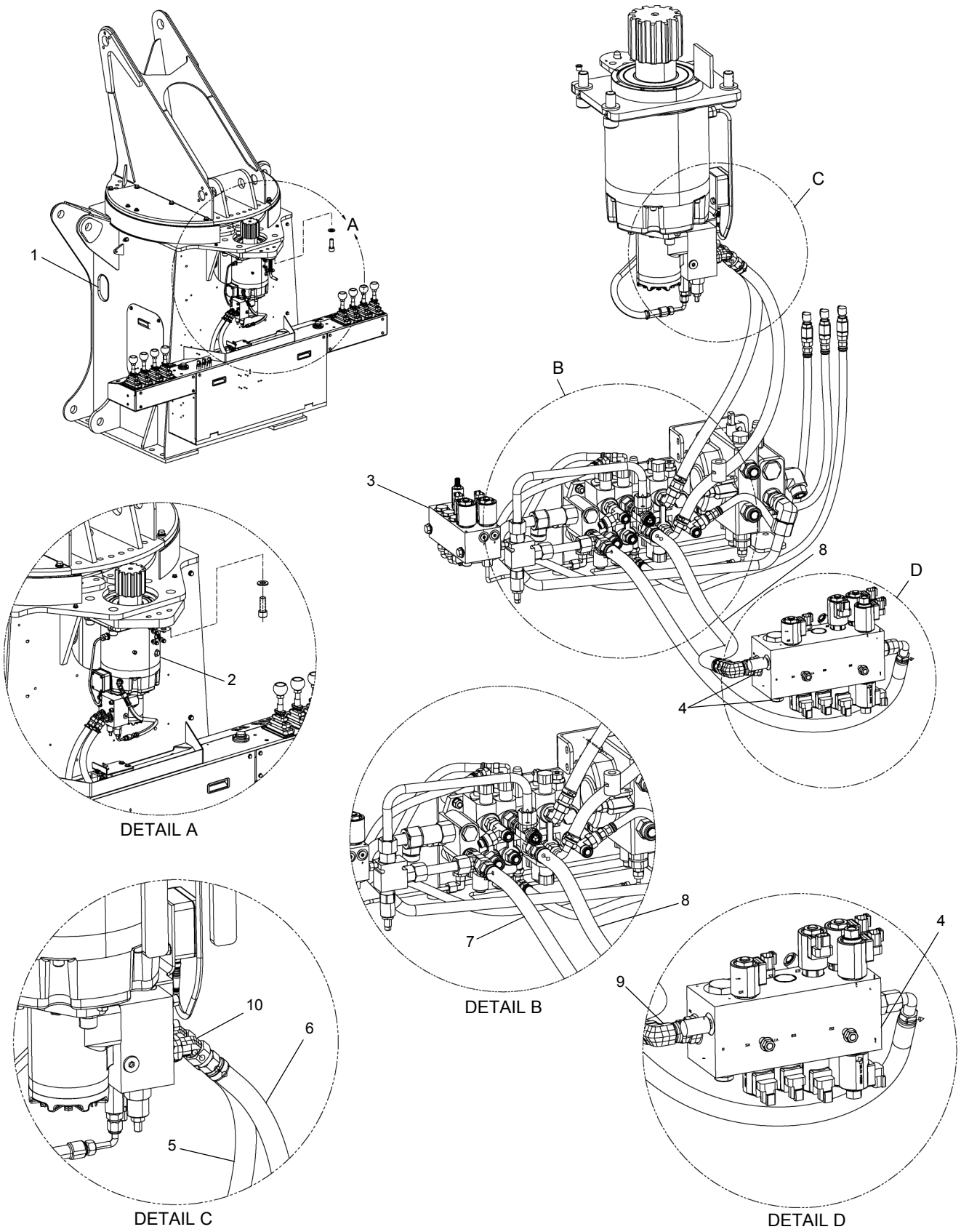
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGES 25.15, 25.16 & 25.17

REF	PART NO.	DESCRIPTION	QTY
	500-01838-01 (Rev D)	*HYD INSTL, SUBFRM-MAINFRM (Includes Items 1 to 49 & 51)*	
	500-01838-02 (Rev C)	*HYD INSTL, SUBFRM-MAINFRM (Includes Items 1 to 49 & 52)*	
	500-01838-03 (Rev C)	*HYD INSTL, SUBFRM-MAINFRM (Includes Items 1 to 49 & 53)*	
	500-01838-04 (Rev C)	*HYD INSTL, SUBFRM-MAINFRM (Includes Items 1 to 48, 50 & 54)*	
1	12196-03	Weld Stud, FT 0.375 - 16 X 1. 00	2
2	201-00050	Clamp Block, SNGLE	AR
3	201-00193	Clamp Block, DBLE	AR
4	201-00248	Hose Clamp, T BOLT	2
5	201-00257	Clamp, 3.50 DIA	1
6	201-00258	Clamp, 2.50 DIA	1
7	WFT-750XB50-20	WSH, FNDR 0.75X2.50X0.125, ST Z	4
8	209-00879	Frame Clip Caddy, DBLE	AR
9	209-00880	Frame Clip Caddy, SNGL	AR
10	220-07056	Tie Rod	2
11	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	AR
12	502-21016	Hose, AUX Outrigger SS RET	1
13	502-21017	Hose, AUX OUTRIG CS RET	1
14	502-21018	Hose, Front Outrigger	1
15	502-21025	Hose, LMI Return	1
16	502-30770	Hose, AUX Outrigger Extend	2
17	502-30782	Hose, Pump to Main Valve	1
18	WAN-37NX000-20	WSH, FL TYPA - NRW 0.375, ST Z	2
19	502-41017	Hose, Winch Return	1
20	502-41018	Hose, Main Valve Return	1
21	502-41019	Hose, Pump-Winch Valve	1
22	503-06008	Hose, Pump Inlet	1
23	504-03509	Hose End 90, Beaded, 4 Bolt FLNG	1
24	510-70844	Tube, Main Valve Return	1
25	513-40014	Adapter, MOFS - 6/MORB - 6	2
26	513-50023	Adapter, MORFS - 8/MORB - 8	2
27	514-55020	Adapter, 90° ORFS to O-Ring	1
28	514-59023	Elbow 90°, 12- 16	1
29	514-66004	Elbow 90 M#10 OFS X F#10 OFS	1
30	515-07003	Fitting, 45°, FGFF - 6802 - 12- 16	1
31	516-44002	Tee CONN 3 X M#6 OFS	1
32	516-84003	Tee, Run 2X M#6 OFS X F#6 OFS	2
33	521-00084	Pump, Options	REF
34	695-10018	Subframe - Mainframe ASSY	REF
35	701-00768	Mid - Mount Tiedown ASSY	2
36	789-05852	Tap Block	2
37	876-00071	HYD Reservoir, INSTL	1
38	N04-750C000-Y8	Nut, HEX 0.75 - 10, ST YZ GR8	2
39	N04-750F000-Y8	Nut, HEX 0.75-16, ST YZ GR8	4
40	N05-750F000-Y8	Nut, HEX JAM 0.75-16, ST YZ GR8	2
41	NYL-375C000-25	Nut, HEX NYL - INS 0.375 - 16, ST Z G5	2
42	SAE520110-12	Nut, HEX, Tubenut 12	REF
43	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	AR
44	SHF-750CA75-Y8	SCR, HHCS FT 0.75 - 10X 1.75, STYZ G8	2
45	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	AR
46	W07-750X000-20	WSH, LCK, MED SPLT 0.75, ST Z	4
47	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4
48*	209-00804	Hose Protector (HP8 - B)	1
49	502-35089	Hose, Pump - OR Valve	1
50	502-41011-500-01838-04	Hose Pump Valve	1
51	500-01837-01	HYD INSTL, MNFRM - Console	1
52	500-01837-02	HYD INSTL, MNFRM - Console	1
53	500-01837-03	HYD INSTL, MNFRM - Console	1
54	500-01837-04	HYD INSTL, MNFRM - Console	1

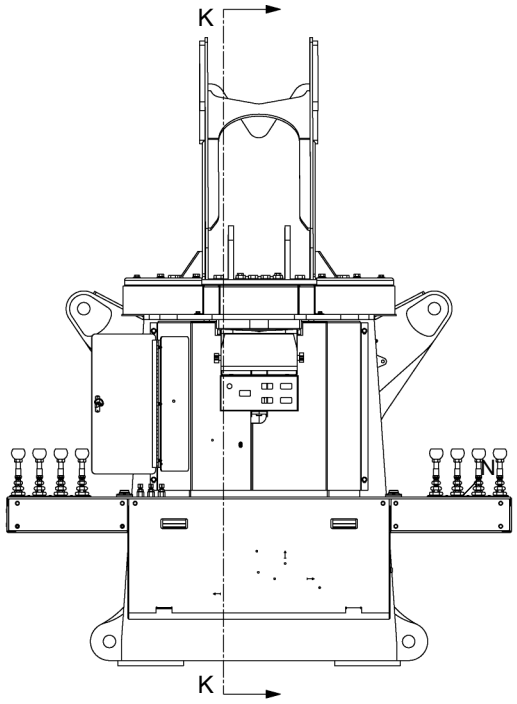
* ITEM 48 IS NOT SHOWN IN THE ILLUSTRATION

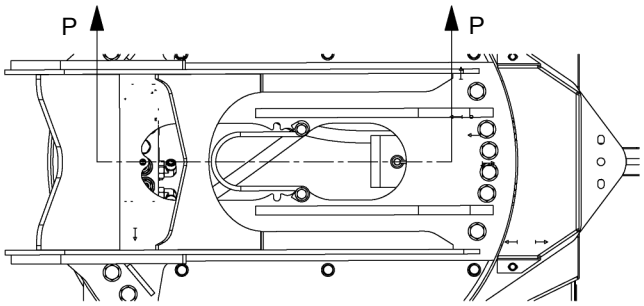
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

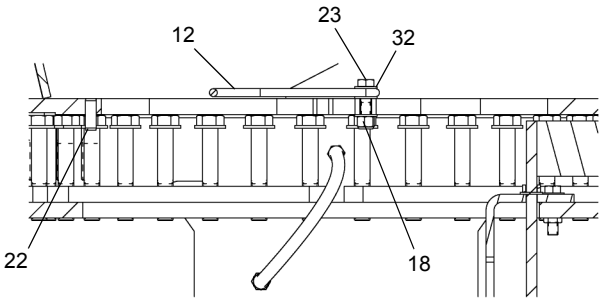


SEE PAGE 25.21

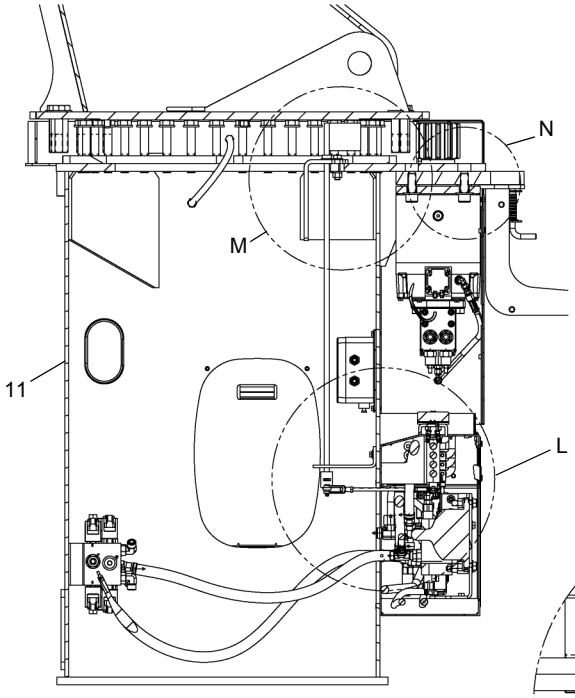
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



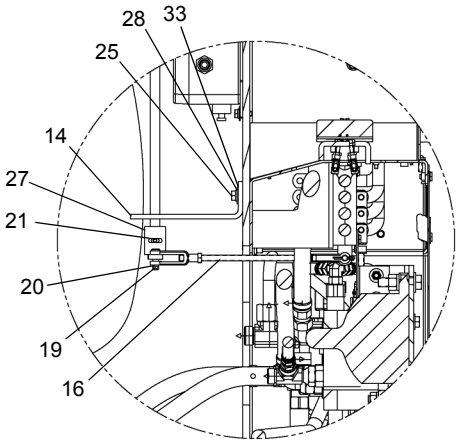




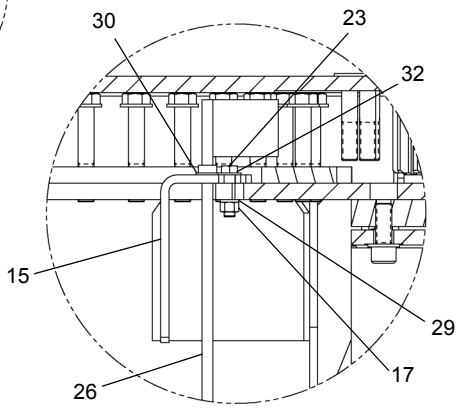
SECTION P-P



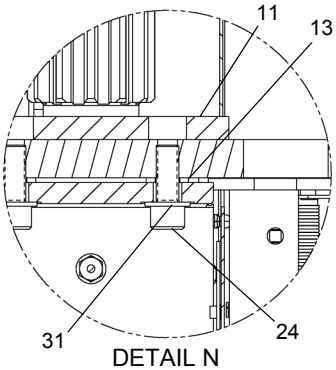
SECTION K-K



DETAIL L



DETAIL M

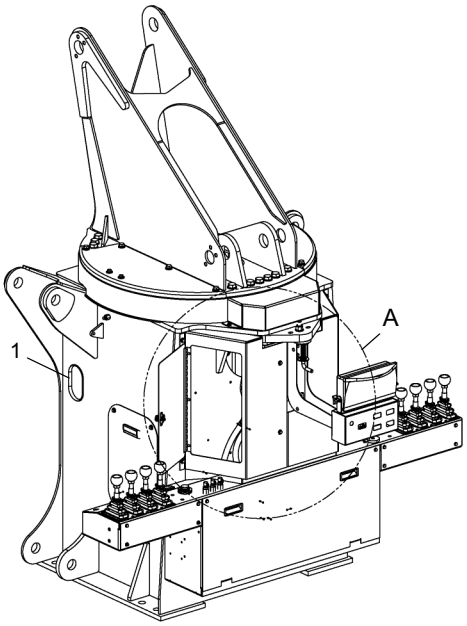


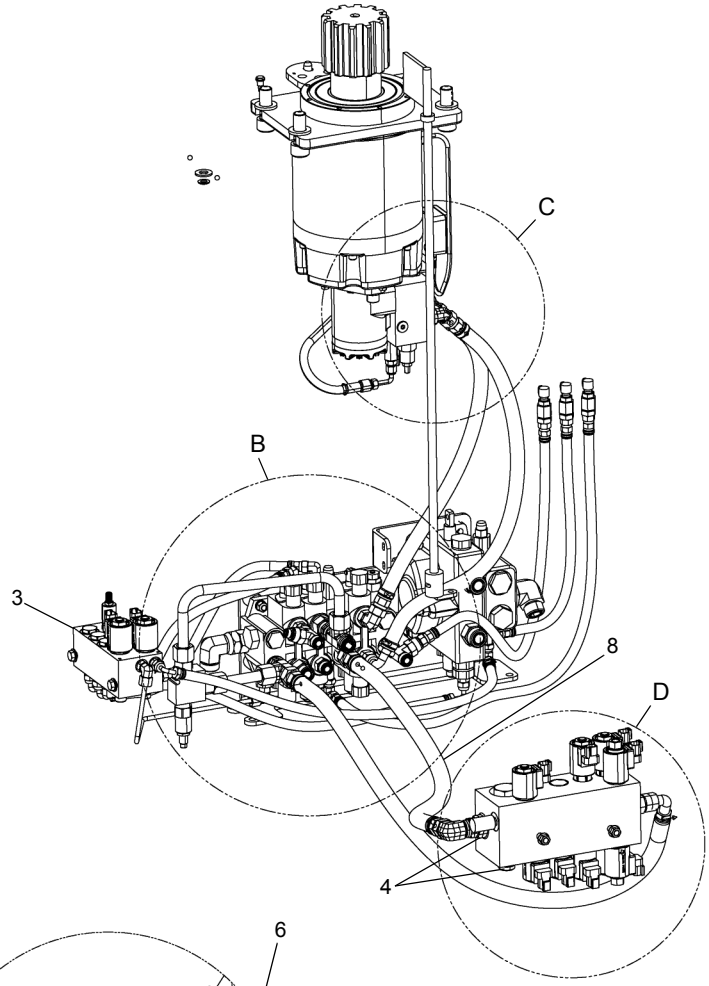
DETAIL N

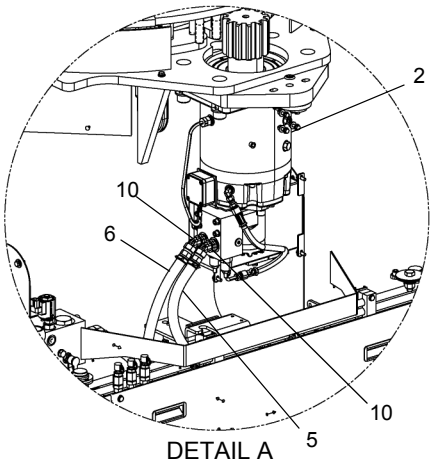
SEE PAGE 25.21

SEE PAGES 25.19 & 25.20

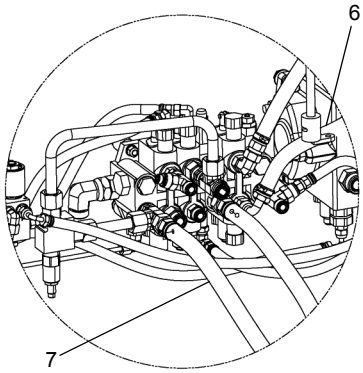
REF	PART NO.	DESCRIPTION	QTY
	500-01837-01 (Rev E)	*HYD INSTL, MNFRM-Console*	
1	12169-1	Flex Trim 3/8" x 18" Long	50
2	292-00049	Gearbox ASSY, Turret ROTAT	1
3	500-01836-01	HYD INSTL, Console	1
4	500-01844	Valve SUBASSY, Outrigger	1
5	502-30779	Hose, Swing-Drive	1
6	502-30780	Hose, Swing Valve-Drive	1
7	502-35082	Hose, Outrigger Return	1
8	502-35091	Hose OR PB-Boom	1
9	514-66004	Elbow 90 M#10 OFS X F#10 OFS	1
10	515-05005	45 Elbow #8 OFS X #10 ORB	2
11	T127103	Mainframe-Console ASSY	REF
12	770-02831	Bracket, Hose Guide	1
13	781-00336	Boss, 1.38 X 0.813 X 0.16	4
14	785-01678	Support Angle, Swing Stop	1
15	789-06007	Swivel Stop Arm	1
16	806-00245	Control Link Assembly	1
17	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	2
18	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST Z G5	2
19	P01-312XA00-P0	Pin, Clevis 0.3125X1.00, STL	2
20	P02-125X750-20	Pin, Cotter 0.125X0.75, ST Z	2
21	P22-188XA50-GP	Pin, Spring SLTD 0.1875X1.50, ST	1
22	P22-500XA50-G2	Pin, Spring SLTD 0.50X1.50, ST Z	1
23	S01-500CB00-25	SCR, HHCS 0.50-13X2.00, ST Z GR5	4
24	S14-750CB00-H2	SCR, SHCS 0.75-10 X 2.00, ST Z	4
25	SHF-312C750-25	SCR, HHCS FT 0.312-18X0.75, STZ G5	2
26	T109850	Flag Weld, Swing Stop	1
27	T124167	Swing Stop Weldment	1
28	W07-312X000-20	Washer, LCK, MED SPLT 0.3125, ST Z	2
29	W07-500X000-20	Washer, LCK, MED SPLT 0.50, ST Z	2
30	WAH-50NX000-Y2	Washer, FL HRD A-NRW 0.50, ST YZ	1
31	WAH-75NX000-Y2	Washer, FL HRD A-NRW 0.75, ST YZ	4
32	WAN-50NX000 - 20	Washer, FL TYPA-NRW 0.50, ST Z	8
33	WBR-31RX875 -20	Washer, FL TYPB-REG 0.3125, ST Z	2



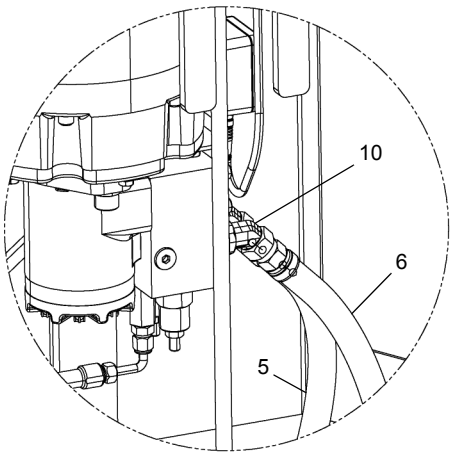




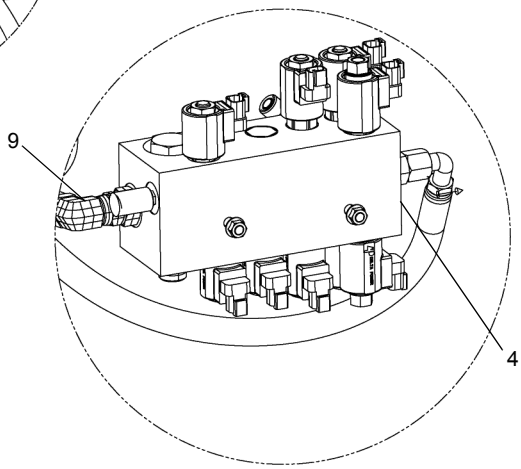
DETAIL A



DETAIL B

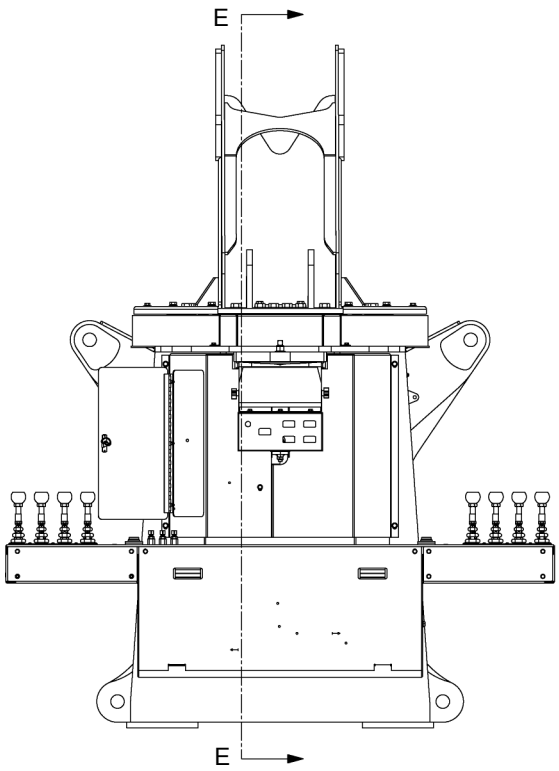


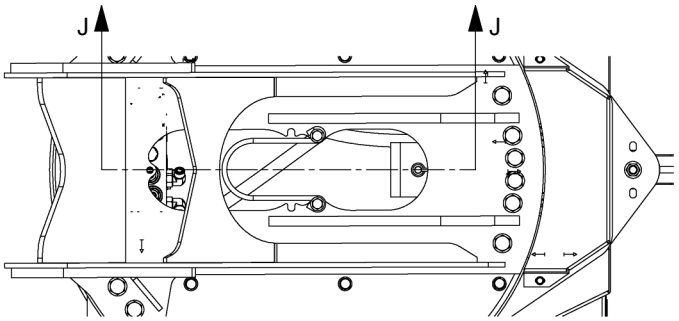
DETAIL C

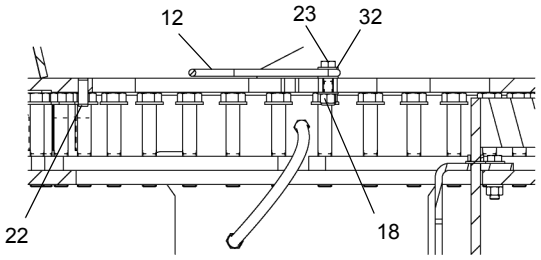


DETAIL D

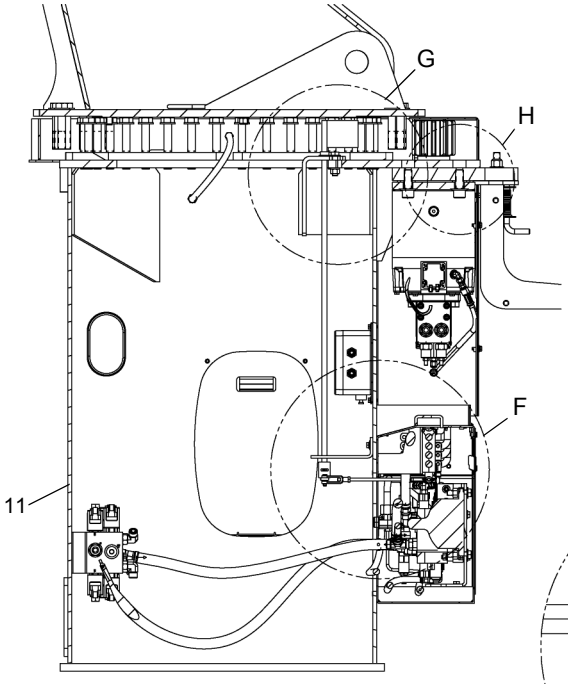
SEE PAGE 25.24



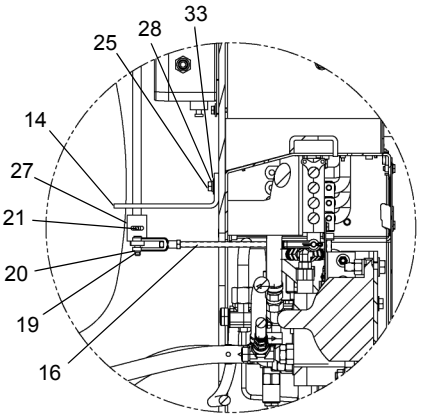




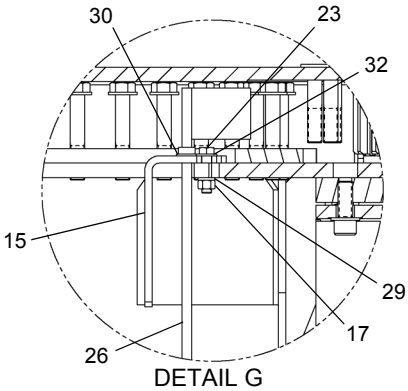
SECTION J-J



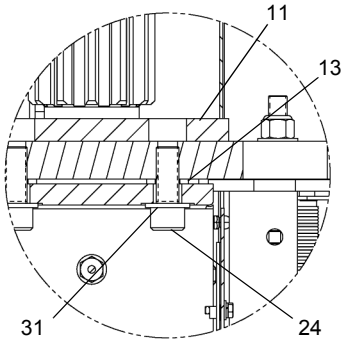
SECTION E-E



DETAIL F



DETAIL G

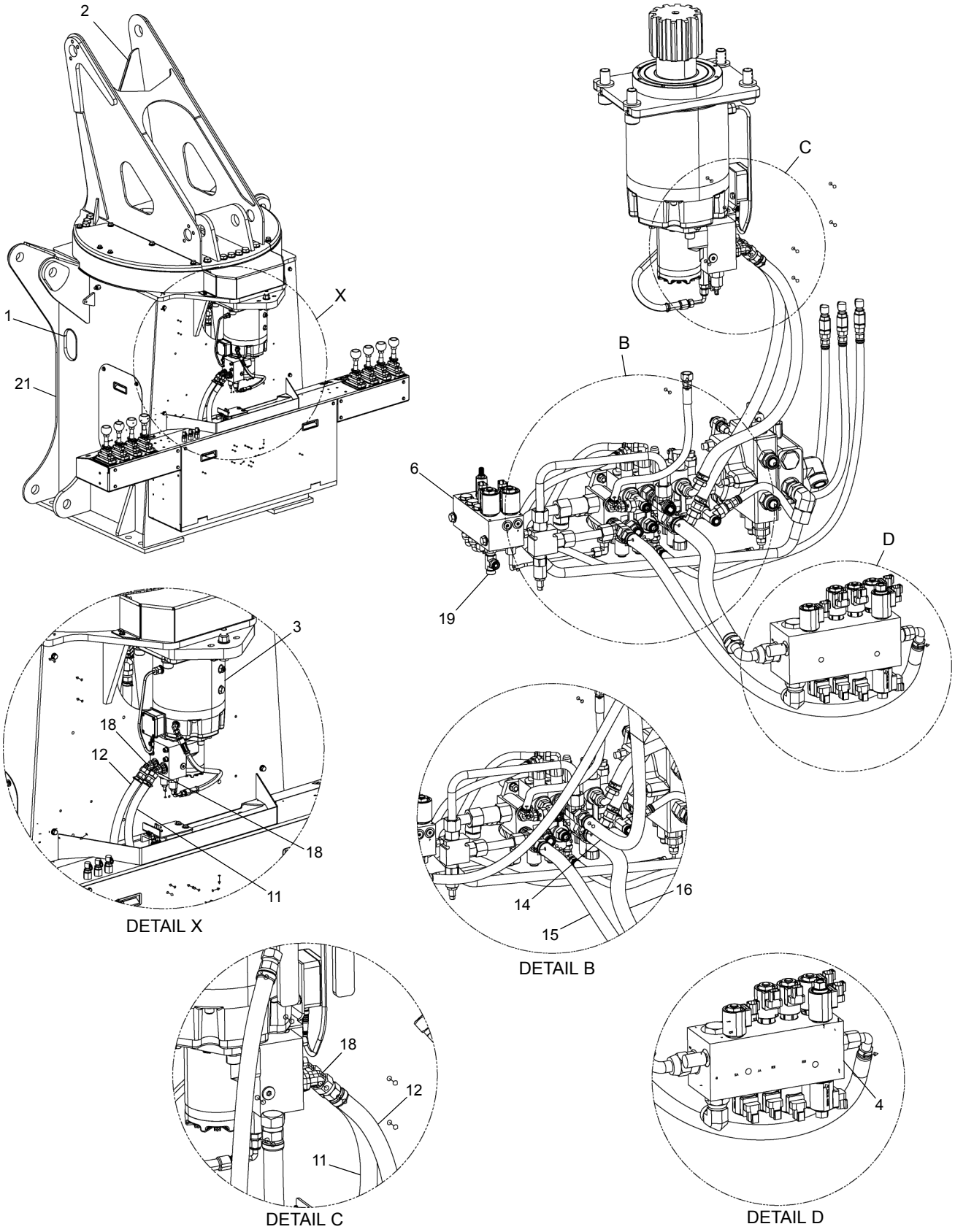


DETAIL H

SEE PAGE 25.24

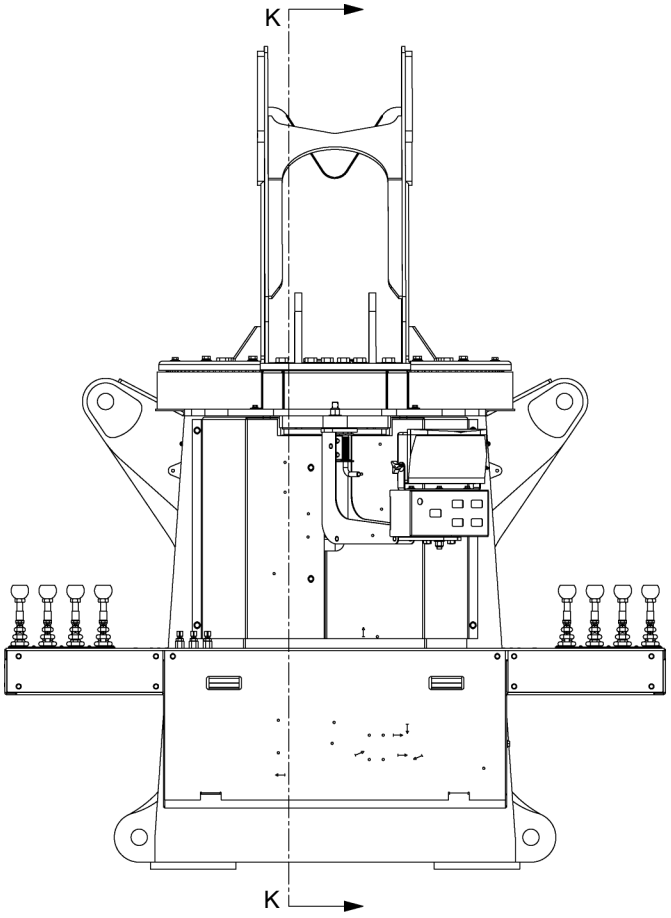
SEE PAGES 25.22 & 25.23

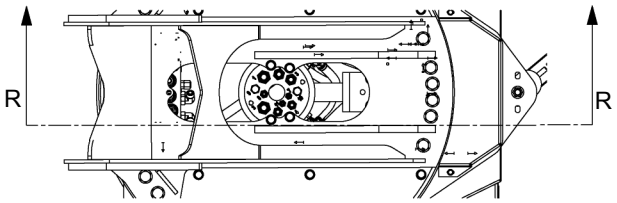
REF	PART NO.	DESCRIPTION	QTY
	500-01837-02 (Rev E)	*HYD INSTL, MNFRM- Console*	
1	12169-16	Flex Trim 3/8” x 18” Long	3
2	292-00049	Gearbox ASSY, Turret ROTAT	1
3	500-01836-04	HYD INSTL, Console	1
4	500-01844	Valve SUBASSY, Outrigger	1
5	502-30779	Hose, Swing-Drive	1
6	502-30780	Hose, Swing Valve-Drive	1
7	502-35082	Hose, Outrigger Return	1
8	502-35091	Hose OR PB-Boom	1
9	514-66004	Elbow 90 M#10 OFS X F#10 OFS	1
10	515-05005	45 Elbow #8 OFS X #10 ORB	2
11	T127103	Mainframe-Console ASSY	1
12	770-02831	Bracket, Hose Guide	1
13	781-00336	Boss, 1.38 X 0.813 X 0.16	4
14	785-01678	Support Angle, Swing Stop	1
15	789-06007	Swivel Stop Arm	1
16	806-00245	Control Link Assembly	1
17	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	2
18	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST Z G5	2
19	P01-312XA00-P0	Pin, Clevis 0.3125X1.00, STL	2
20	P02-125X750-20	Pin, Cotter 0.125X0.75, ST Z	2
21	P22-188XA50-GP	Pin, Spring SL TD 0.1875X1.50, ST	1
22	P22-500XA50-G2	Pin, Spring SL TD 0.50X1.50, ST Z	1
23	S01-500CB00-25	SCR, HHCS 0.50-13X2.00, ST Z GR5	4
24	S14-750CB00-H2	SCR, SHCS 0.75-10 X 2.00, ST Z	4
25	SHF-312C750-25	SCR, HHCS FT 0.312-18X0.75, STZ G5	2
26	T109850	Flag Weld, Swing Stop	1
27	T124167	Swing Stop Weldment	1
28	W07-312X000-20	WSH LCK, MED SPLT 0.3125, ST Z	2
29	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	2
30	WAH-50NX000-Y2	WSH FL HRD A-NRW 0.50, ST YZ	1
31	WAH-75NX000-Y2	WSH FL HRD A-NRW 0.75, ST YZ	4
32	WAN-50NX000 - 20	WSH, FL TYPA-NRW 0.50, ST Z	8
33	WBR-31RX875 -20	WSH FL TYPB-REG 0.3125, ST Z	2

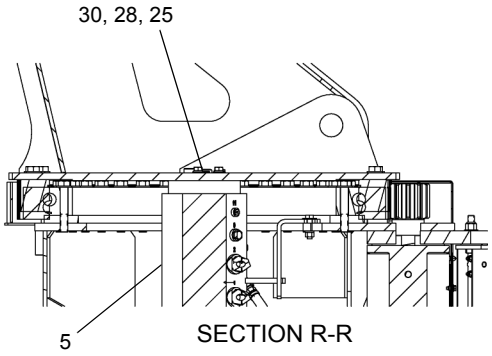


SEE PAGE 25.28

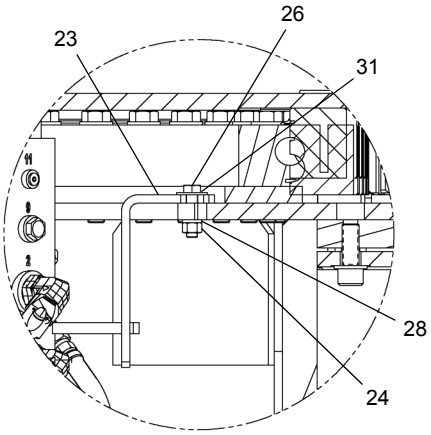
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



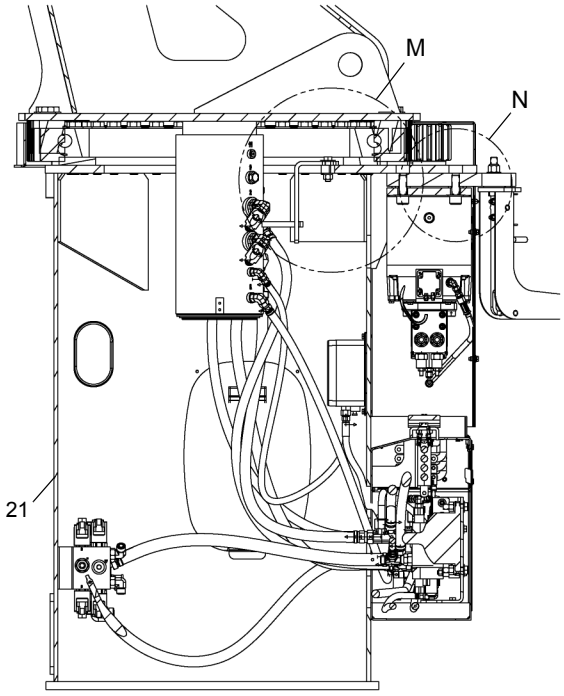




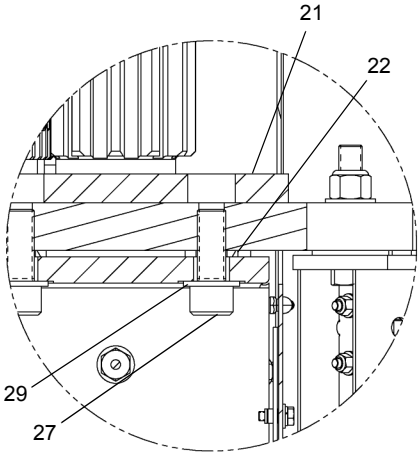
SECTION R-R



DETAIL M

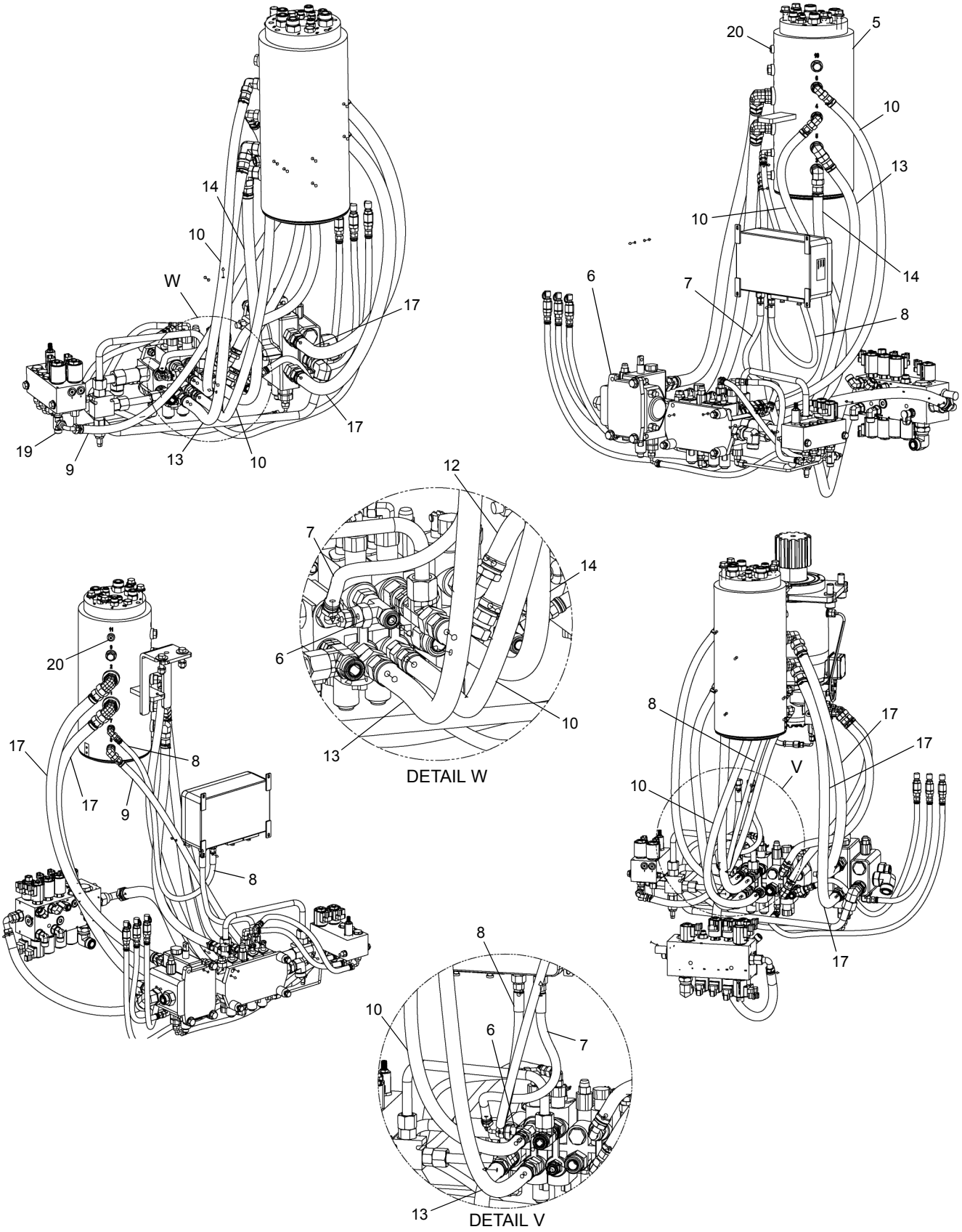


SECTION K-K



DETAIL N

SEE PAGE 25.28

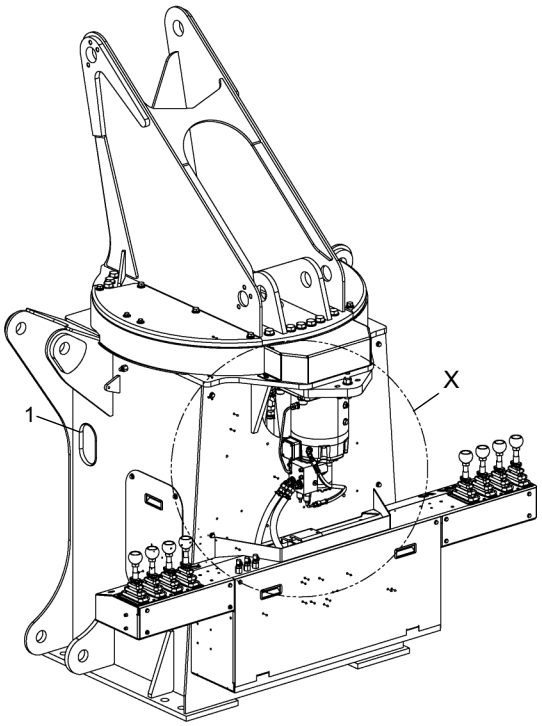


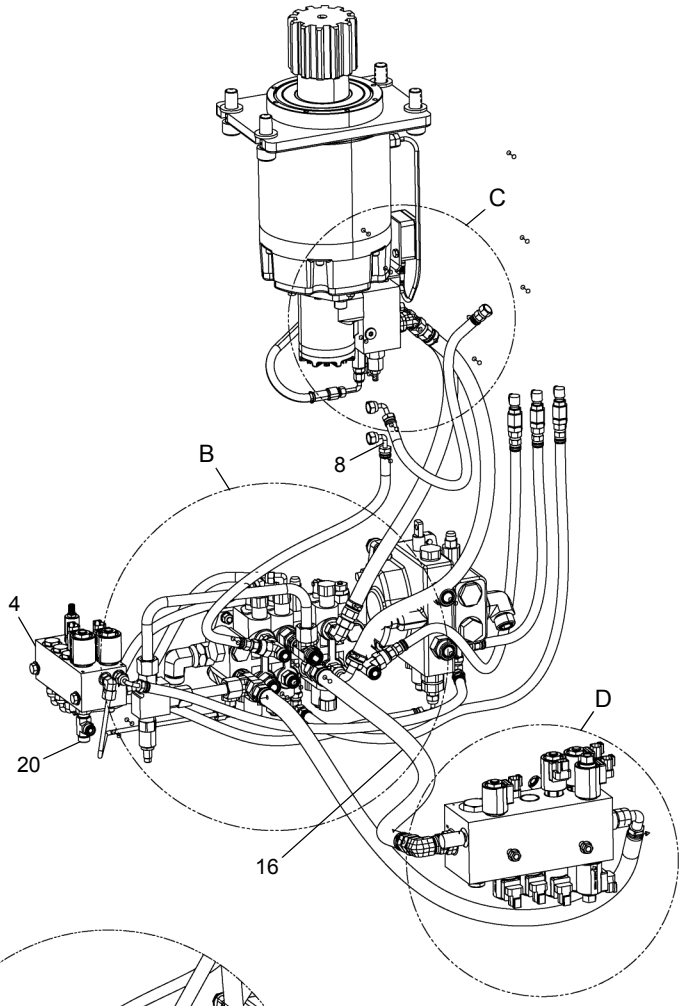
SEE PAGE 25.28

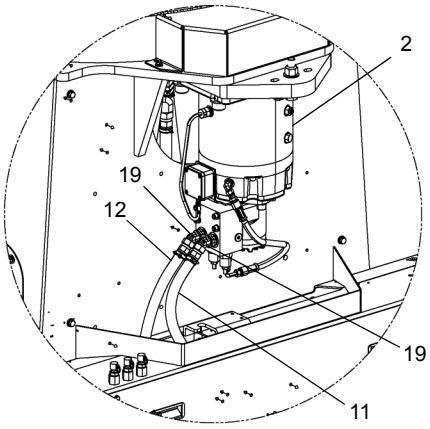
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGES 25.25, 25.26 & 25.27

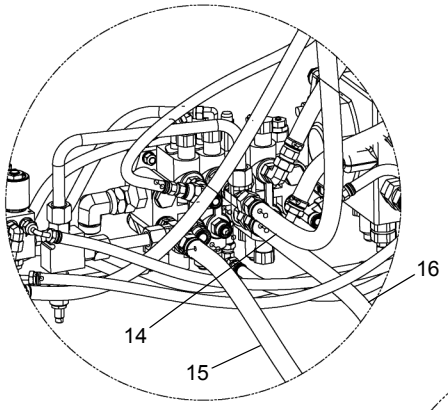
REF	PART NO.	DESCRIPTION	QTY
	500-01837-03 (Rev B)	*HYD INSTL, MNFRM - Console*	
1	12169-16	Flex Trim 0.375	2
2	12169-18	Trim Flex 0.375	1
3	292-00049	Gearbox ASSY, Turret ROTAT	1
4	500-01825	Valve SUBASSY, Outrigger	1
5	500-01832	Hydraulic Swivel INSTL	1
6	500-01836-01	Hydraulic INSTL, Console	1
7	502-11334	Hose, Greer BM-Tele Valve	1
8	502-11337	Hose, BM Topping-Greer Lower	1
9	502-21021	Hose, Winch MTR Drain, Lower	1
10	502-30775	Hose, BM TPNG EXT. Lower	2
11	502-30779	Hose, Swing-Drive	1
12	502-30780	Hose, Swing Valve-Drive	1
13	502-35079	Hose, BM TPNG EXT. Lower	1
14	502-35081	Hose, BM TELE EXT. Lower	1
15	502-35082	Hose, Outrigger Return	1
16	502-40997	Hose, Outrigger	1
17	502-40999	Hose, Winch Lower	2
18	515-05005	45 Elbow #8 OFS X #10 ORB	2
19	516-84003	Tee, Run 2X M#6 OFS X F#6 OFS	1
20	517-30005	Plug, Outrigger	1
21	T127103	Mainframe - Console ASSY	1
22	781-00336	Boss, 1.38 X 0.813 X 0.16	4
23	789-06007	Arm, Collector Ring Stop	1
24	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	2
25	S01-500CA75-25	SCR, HHCS 0.50-13X1.75, ST Z GR5	4
26	S01-500CB00-25	SCR HHCS 0.50-13X2.00, ST Z GR5	2
27	S14-750CB00-H2	SCR, SHCS 0.75-10 X 2.00, ST Z	4
28	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	6
29	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4
30	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	4
31	WBR-50RXA37 -20	WSH, FL TYPB-REG 0.50, ST Z	2



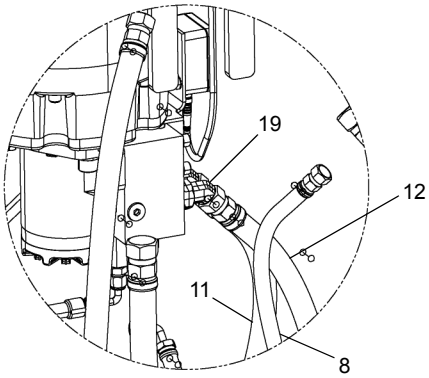




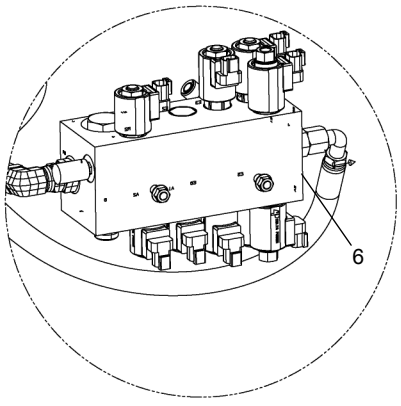
DETAIL X



DETAIL B



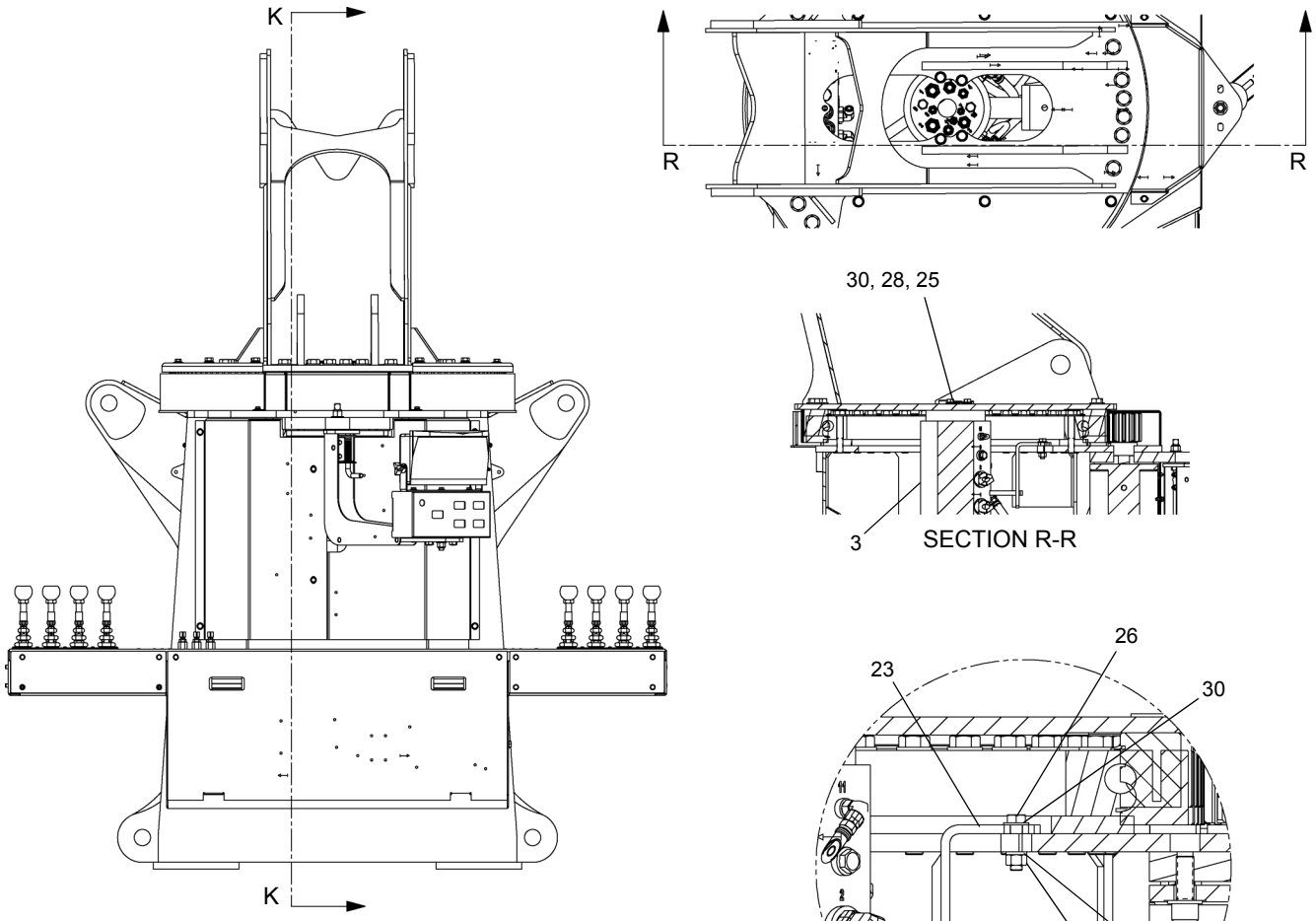
DETAIL C



DETAIL D

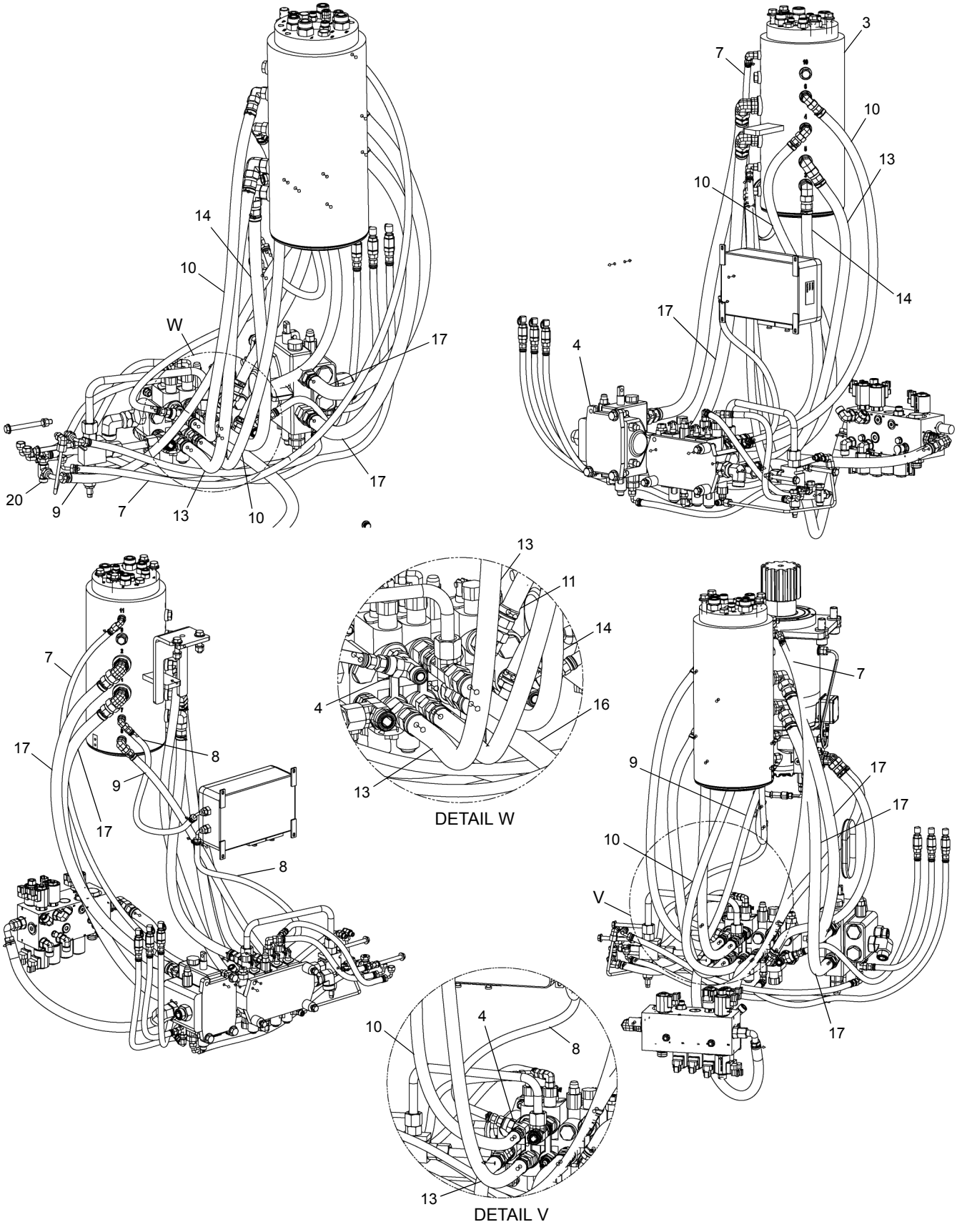
SEE PAGE 25.32

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SEE PAGE 25.32

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

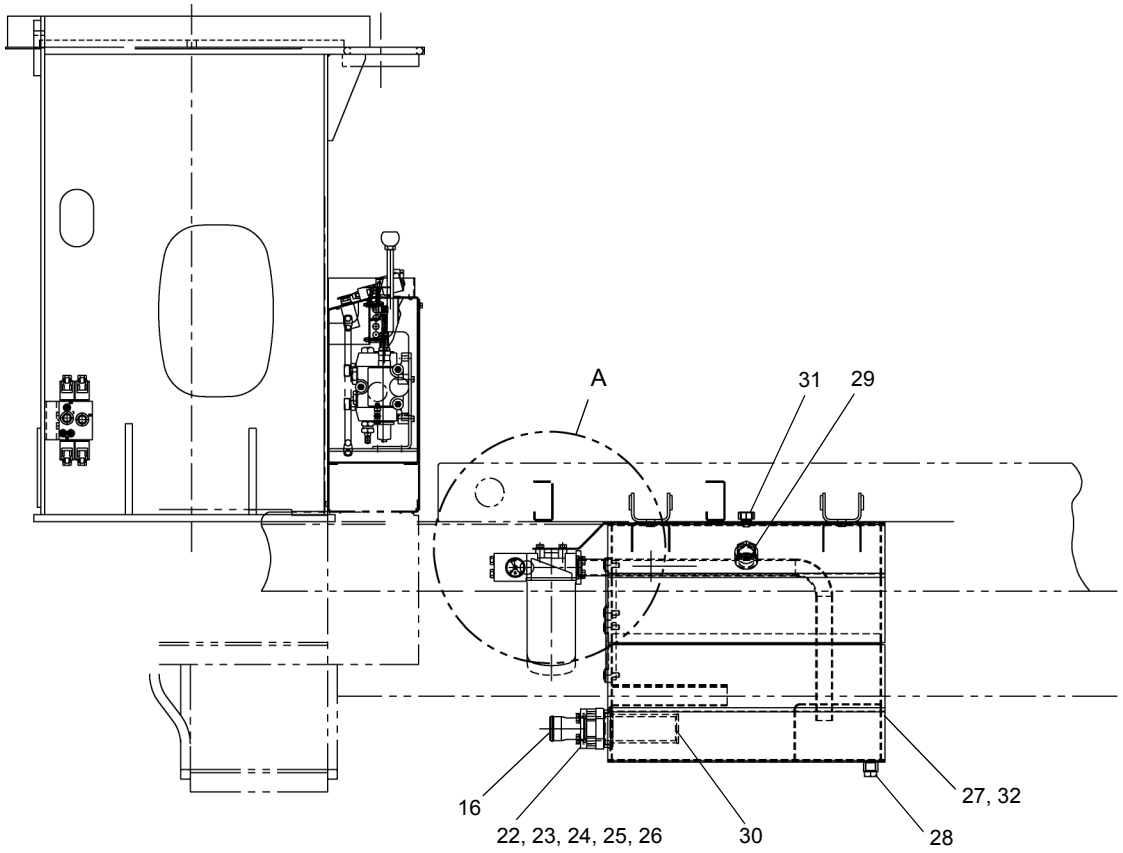


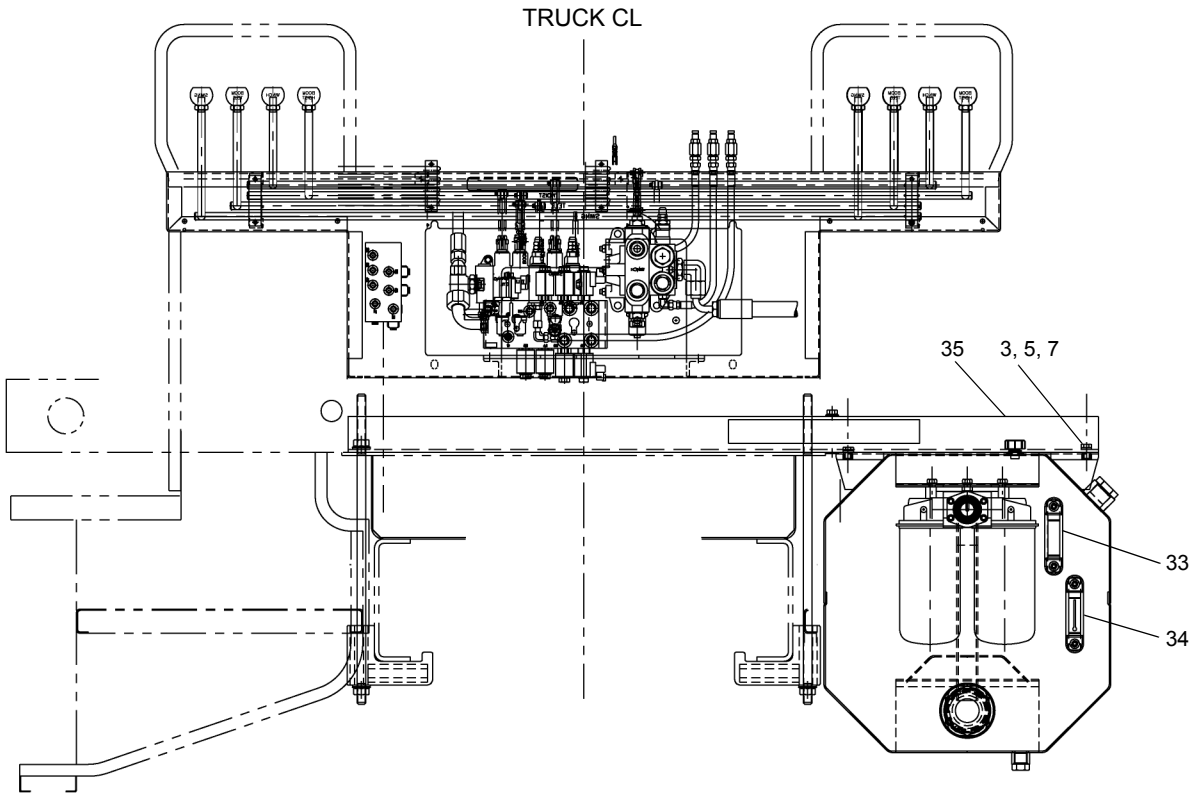
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WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

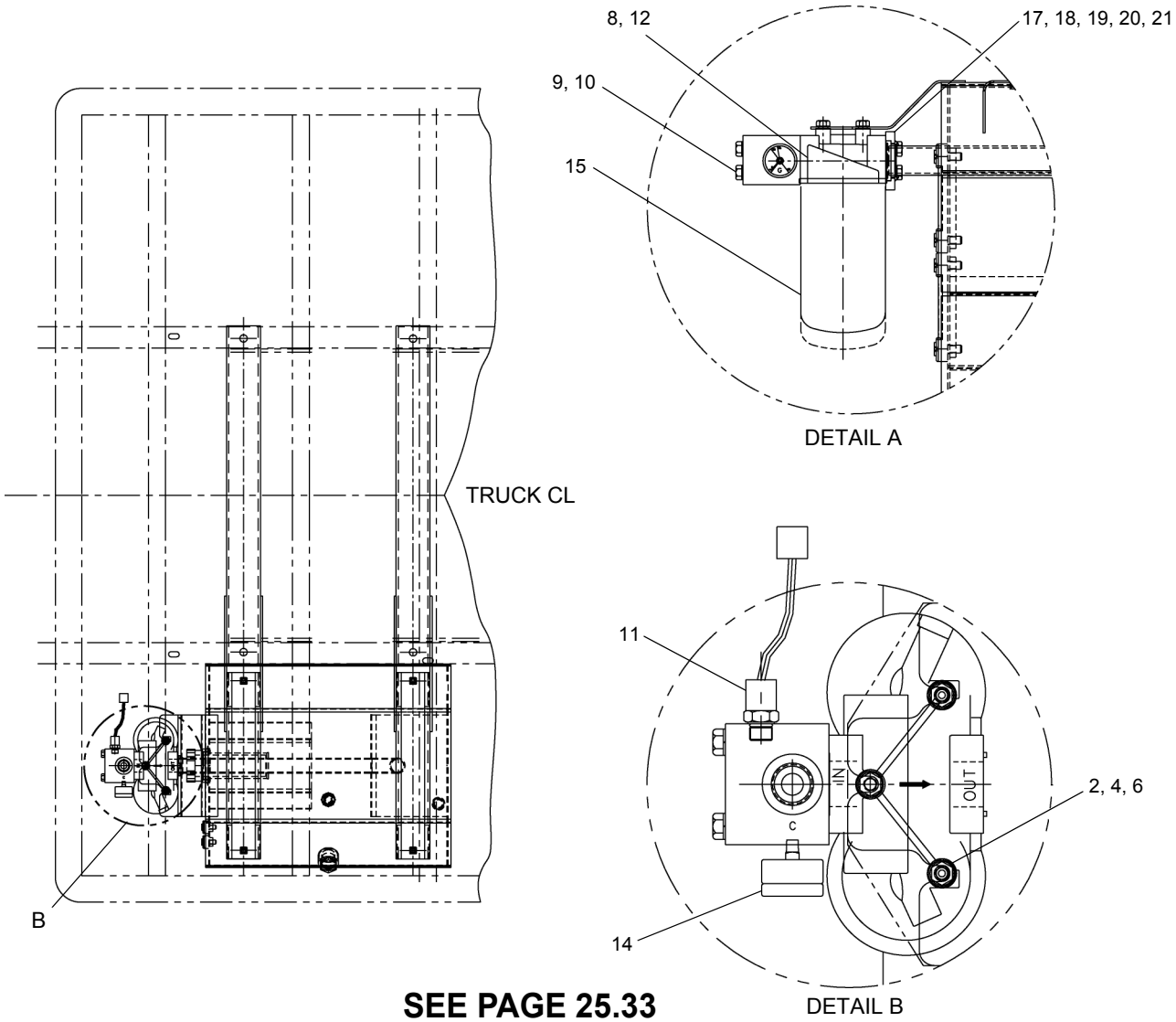
SEE PAGES 25.29, 25.30 & 25.31

REF	PART NO.	DESCRIPTION	QTY
	500-01837-04 (Rev C)	*HYD INSTL, MNFRM - Console*	
1	12169-1	Flex Trim 3/8" x 18" Long	50
2	292-00049	Gearbox ASSY, Turret ROTAT	1
3	500-01832	Hydraulic Swivel INSTL	1
4	500-01836-04	Hydraulic INSTL, Console	1
5	500-01843	Center Post INSTL CONT ROT	1
6	500-01844	Valve SUBASSY, Outrigger	1
7	502-11342	Hose, Motor Shift Control, Low	1
8	502-11351	Hose, HYD RCI Topping Rod Base	2
9	502-21021	Hose, Winch MTR Drain, Lower	1
10	502-30775	Hose, BM TPNG RET. Lower	2
11	502-30779	Hose, Swing-Drive	1
12	502-30780	Hose, Swing Valve-Drive	1
13	502-35079	Hose, BM TPNG EXT. Lower	1
14	502-35081	Hose, BM TELE EXT. Lower	1
15	502-35082	Hose, Outrigger Return	1
16	502-35091	Hose OR PB-Boom	1
17	502-40999	Hose, Winch Lower	2
18	514-66004	Elbow 90 M#10 OFS X F#10 OFS	1
19	515-05005	45 Elbow #8 OFS X #10 ORB	2
20	516-84003	Tee, Run 2X M#6 OFS X F#6 OFS	1
21	T127103	Mainframe - Console ASSY	REF
22	781-00336	Boss, 1.38 X 0.813 X 0.16	4
23	789-06007	Arm, Collector Ring Stop	1
24	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	2
25	S01-500CA75-25	SCR, HHCS 0.50-13X1.75, ST Z GR5	4
26	S01-500CB00-25	SCR, HHCS 0.50-13X2.00, ST Z GR5	2
27	S14-750CB00-H2	SCR, SHCS 0.75-10 X 2.00, ST Z	4
28	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	6
29	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	4
30	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	6





SEE PAGE 25.34



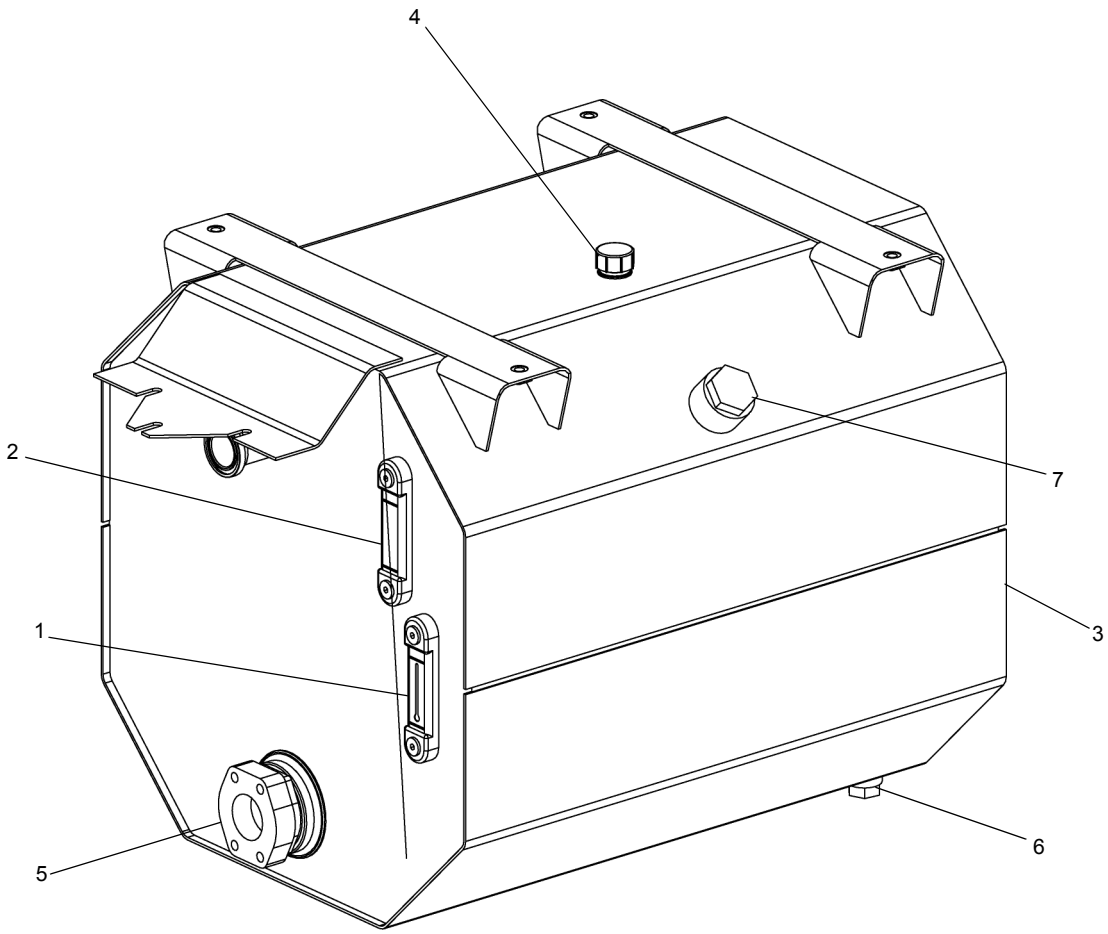
SEE PAGE 25.33

876-00071 (Rev 00) *BT 70 GAL Tank Installation*

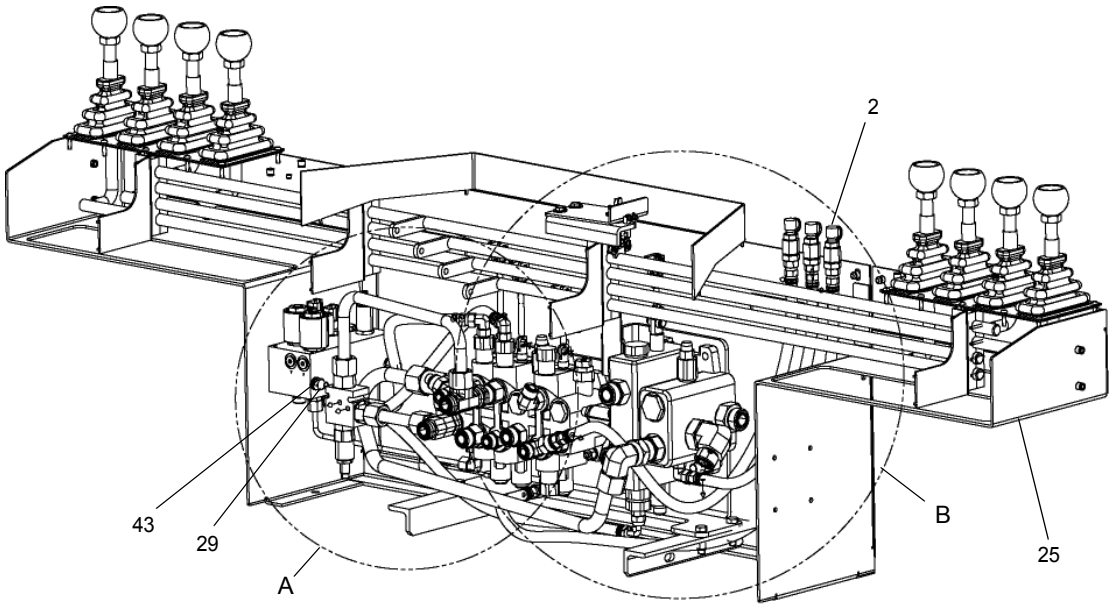
REF	PART NO.	DESCRIPTION	QTY
1*	209-40010	HYD Oil, TEX Rando HD32	70
2	220-03023-9	HHCS, 7/16-14 UNC X 0.75 GR5 ZN	3
3	220-04065-13	HHCS, 1/2-13 UNC X 1.00 GR5 ZN	4
4	222-00025-9	7/16" Flatwasher ZN	3
5	222-00025-10	1/2" Flatwasher ZN	4
6	222-00028-12	Lockwasher 7/16 MED PLTD	3
7	222-00028-13	Lockwasher 1/2 MED PLTD	4
8	501-02015	Return Line Manifold/Filter Assembly	1
9	220-40065-61	HHCS, 1/2-13 NC X 4.00 GR5 Zinc	2
10	222-00028-13	Lockwasher 1/2 MED PLTD	2
11	400-04411	Switch, Temperature 210F Raising	1
12	501-02013	Filter Head	1
13*	519-90141	Manifold, Return	1
14	935-00113	Gauge, Pressure	1
15	501-02018	Filter Element	4
16	504-03516	Tube, Suction Hose	1
17	505-03003	Kit, Split Flange 1-1/2 W/ HDWR	1
18	220-04005	HHCS, 1/2-13 NC X 1.50 GR5 Zinc	4
19	222-14003	Lockwasher 1/2 MED PLTD	4
20	260-30004	O-Ring Parker #224	1
21	505-03004	Split Flange Half, 1 1/2"	2
22	505-05002	Kit, 2" Code 61 Split Flange	1
23	220-40005	HHCS, 1/2-13 NC X 1.50 GR5 Zinc	4
24	222-14003	Lockwasher 1/2 MED PLTD	4
25	260-40005	O-Ring	1
26	505-05003	Split Flange Half, 2"	2
27	875-90348	ASSY Hydraulic Reservoir 70 GAL	1
28	517-30004	Plug, SOC HD 3/4 ORB	1
29	517-30015	Plug, Hollow HEX - 20 ORB	1
30	875-90360	Strainer, Suction	1
31	875-90362	Breather Cap, 1/2 NPT	1
32	875-90367	Reservoir Weldment	1
33	875-90395	Sight Gauge, Oil Level	1
34	875-90396	Sight Gauge, Oil Level W/Temp	1
35	875-90370	U-Bracket, Weld Tank Mounting	2

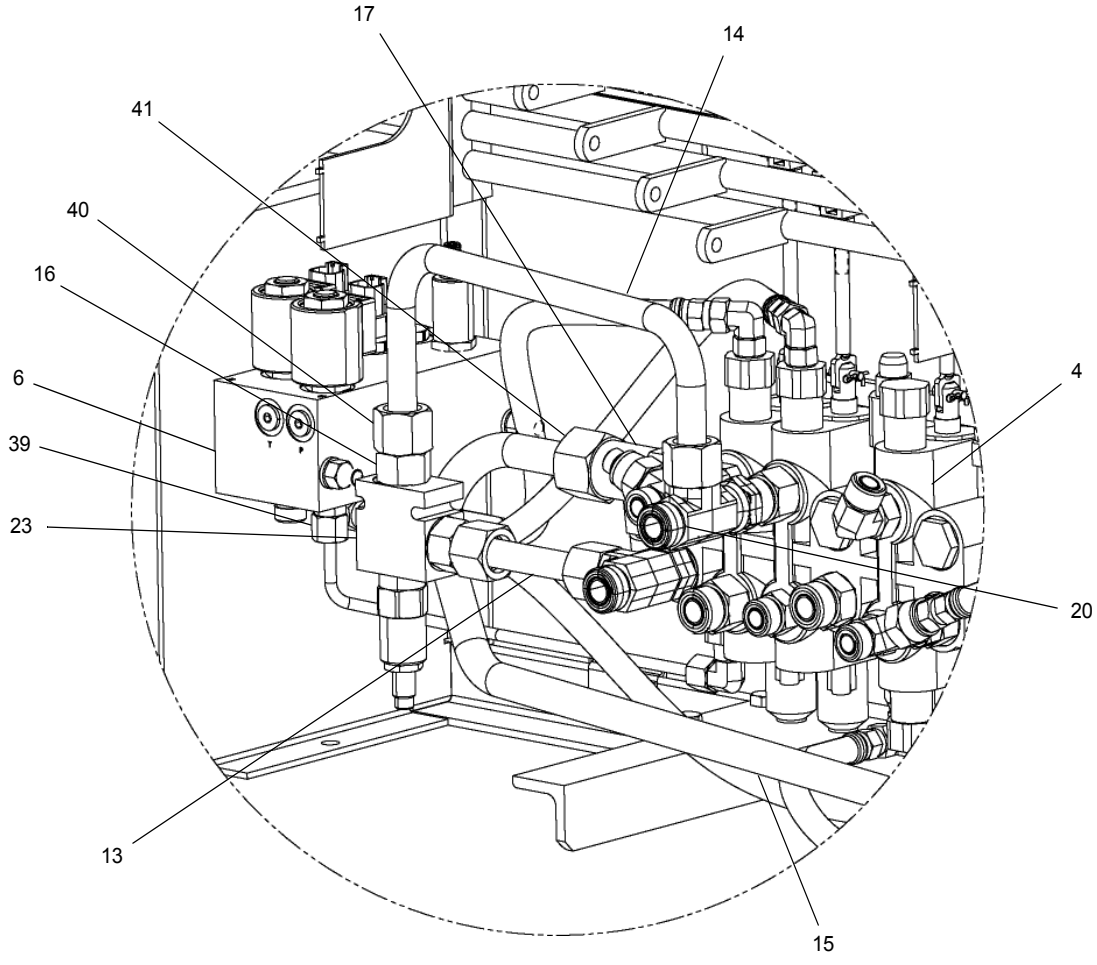
* ITEMS 1 & 13 ARE NOT SHOWN IN ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



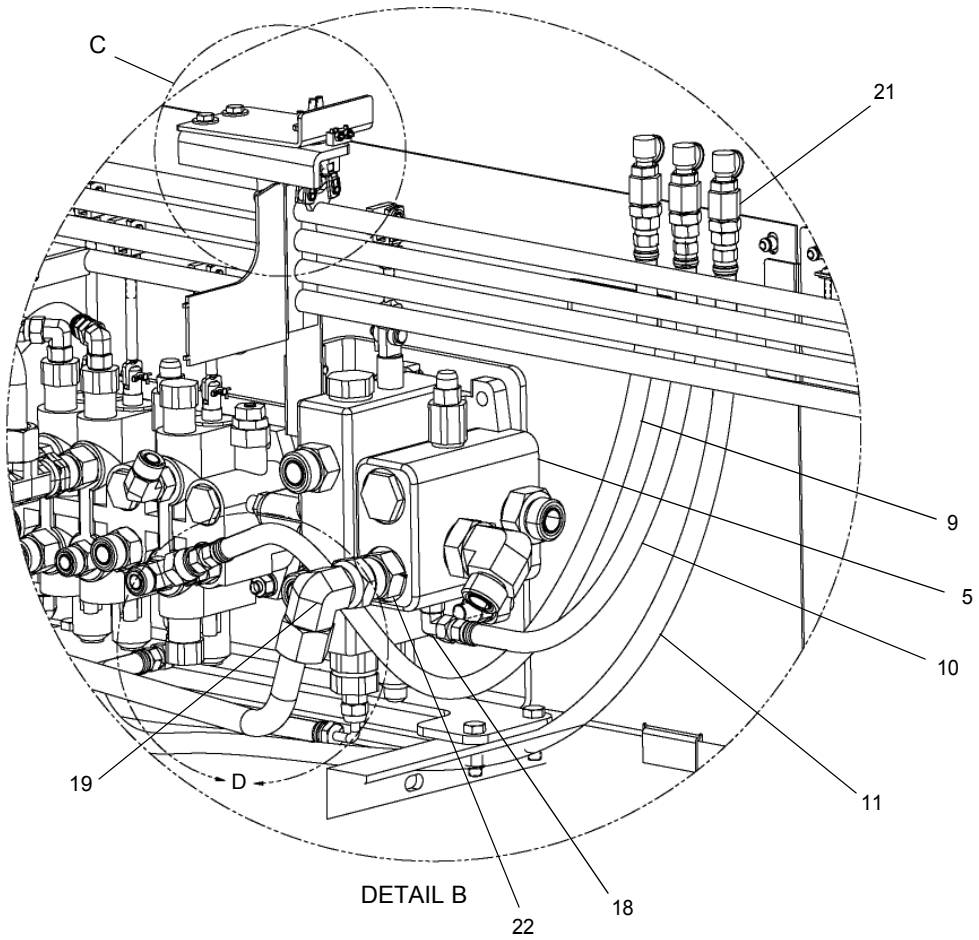
REF	PART NO.	DESCRIPTION	QTY
	875-90348 (Rev A)	*Hydraulic Tank ASSY*	
1	875-90396	Sight Gauge, Oil Level-Temp	1
2	875-90395	Slght Gauge, Oil Level	1
3	875-90367	Reservoir Weldment	1
4	875-90362	Breather Cap 0.50 NPT	1
5	875-90360	Strainer, Suction	1
6	517-30004	Plug, HEXHD 0.75 -F3N- E4S	1
7	517-00013	Plug, HEXHD	1



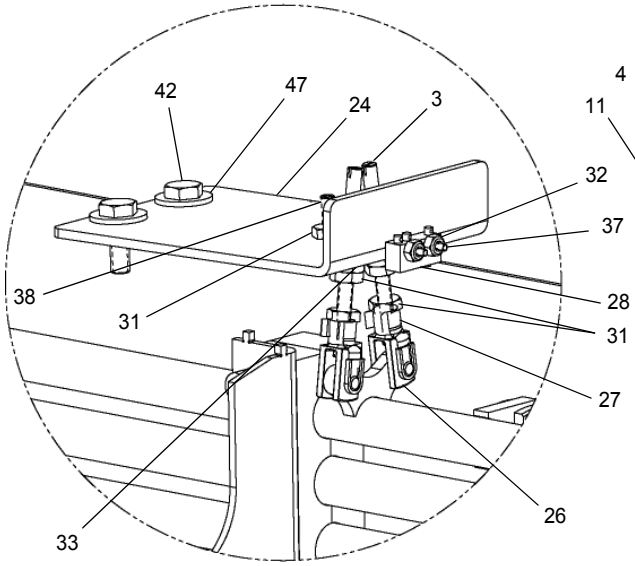


DETAIL A

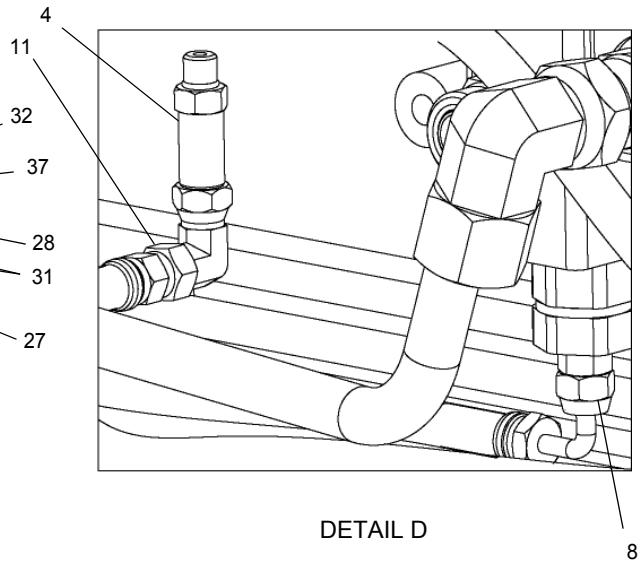
SEE PAGE 25.38



DETAIL B

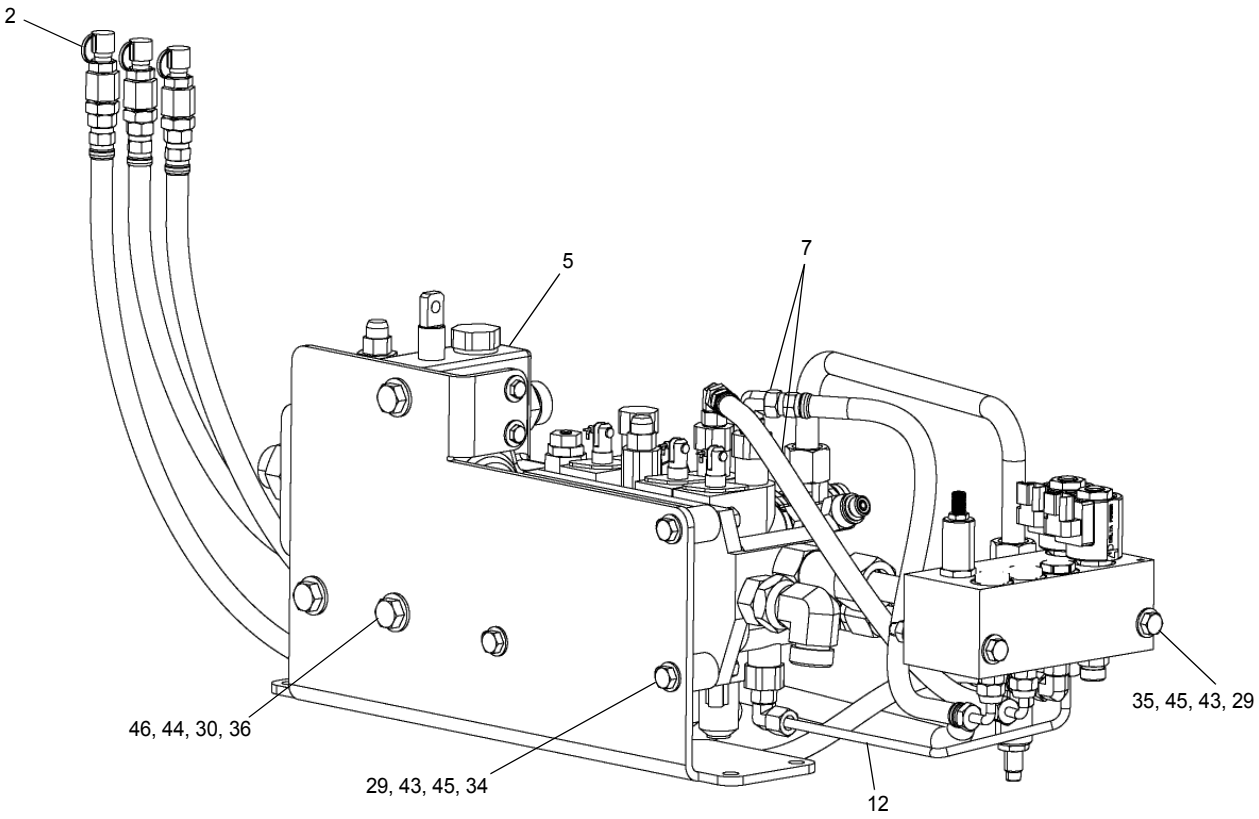


DETAIL C



DETAIL D

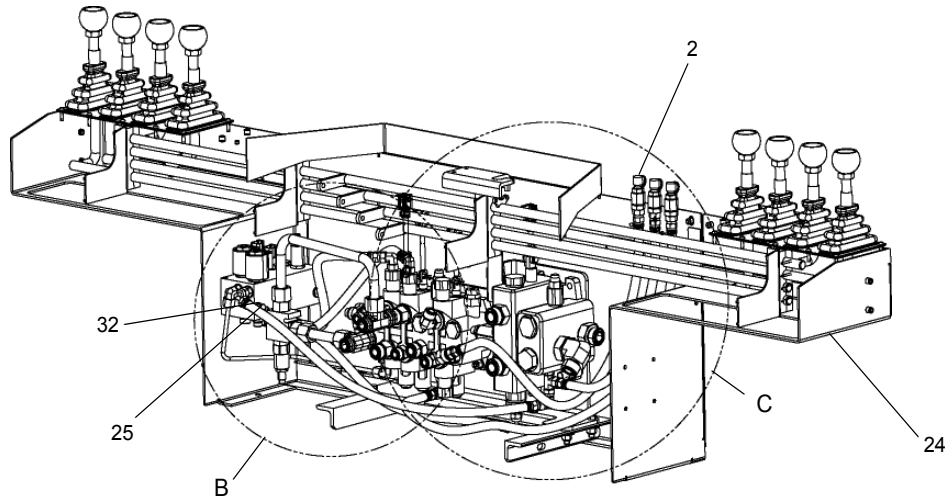
SEE PAGE 25.38

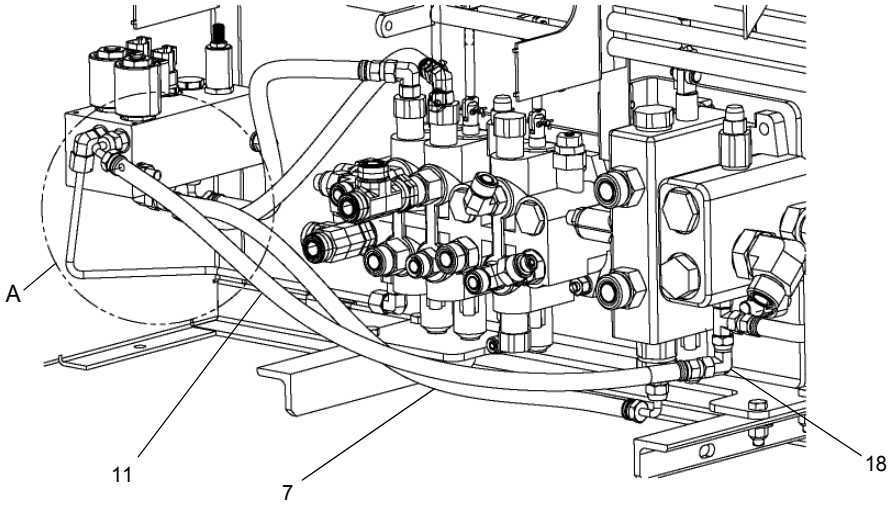


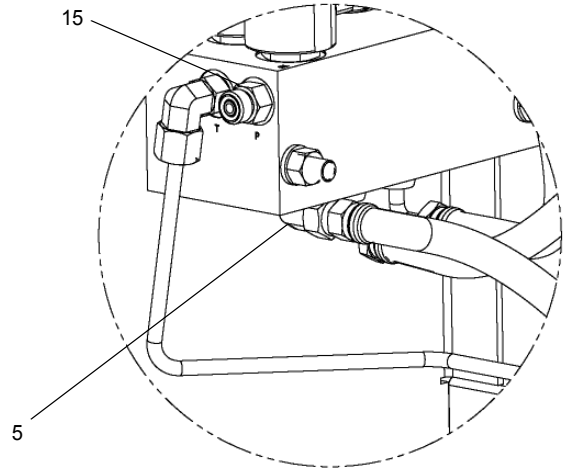
SEE PAGES 25.36 & 25.37

REF	PART NO.	DESCRIPTION	QTY
	500-01836-01 (Rev B)	*HYD INSTL, Console*	
1	001-20057	Spacer, CYL 0.406 X 1.00 X 1.00	3
2	12019-558	Dust Cap	3
3	229-00028	Stud, SLTD 10-32 X 2.44	2
4	500-01826	Valve ASSY	1
5	500-01827	Valve SUBASSY, Winch	1
6	500-01828	Valve ASSY, LMI	1
7	502-11325	Hose, LMI -Boom Topping	2
8	502-11327	Hose, LMI Winch Raise Unloading	1
9	502-11330	Hose, Swing Test Port	1
10	502-11331	Hose, Winch Test Port	1
11	502-11332	Hose, Main Valve Test Port	1
12	510-20463	Tube, PB Unload, 0.25 DIA	1
13	510-60022	Tube, Tele Relief, 0.625 DIA	1
14	510-60023	Tube, Tele Relief, 0.625 DIA	1
15	510-70847	Tube, Power Beyond	1
16	513-60012	CONN, -10 OFS X -8 ORB (A7S)	2
17	513-70040	STR CONN M#12 OFS X M#12 ORB	1
18	514-52003	Elbow 90 STD-M#4 OFS	2
19	514-67004	Elbow Swivel 90 P#12C6LO-S	1
20	516-86002	Swivel Run Tee - 10 - 10 - 10	1
21	518-20013	Parker # PD 346	3
22	552-10287	Check Valve	1
23	559-00262	Valve, Relief	1
24	789-05957	Plate, Spring Switch	1
25	T127087	Control Console ASSY	REF
26	809-00508	Clevis Fork, 10-32 X 0.1875	2
27	809-00509	Clevis Bracket Weldment 0.1875	2
28	MS25085-1	Micro Switch-Harness	REF
29	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	5
30	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	3
31	N23-190F000-20	Nut, HEX, MACH 10-32, ST Z	5
32	NYL-086C000-22	Nut, HEX NYL - INS 02-56, ST Z G2	2
33	NYL-190F000-22	Nut, HEX NYL - INS 10-32, ST Z G2	2
34	S01-375CB50-25	SCR, HHCS 0.375-16X2.50, ST Z GR5	3
35	S01-375CD00-25	SCR, HHCS 0.375-16X4.00, ST Z GR5	2
36	S01-500CB00-25	SCR, HHCS 0.50-13X2.00, ST Z GR5	3
37	S14-086C625-HB	SCR, SHCS 02-56 X 0.625, ST BX	2
38	S42-190F750-BX	SCR, SSS OV 10-32X0.75, ST BLKOX	1
39	SAE520110-04	Nut, HEX, Tubenut 04	REF
40	SAE520110-10	Nut, HEX, Tubenut 10	REF
41	SAE520110-12	Nut, HEX, Tubenut 12	REF
42	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	2
43	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	5
44	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	3
45	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST Z	5
46	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	3
47	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

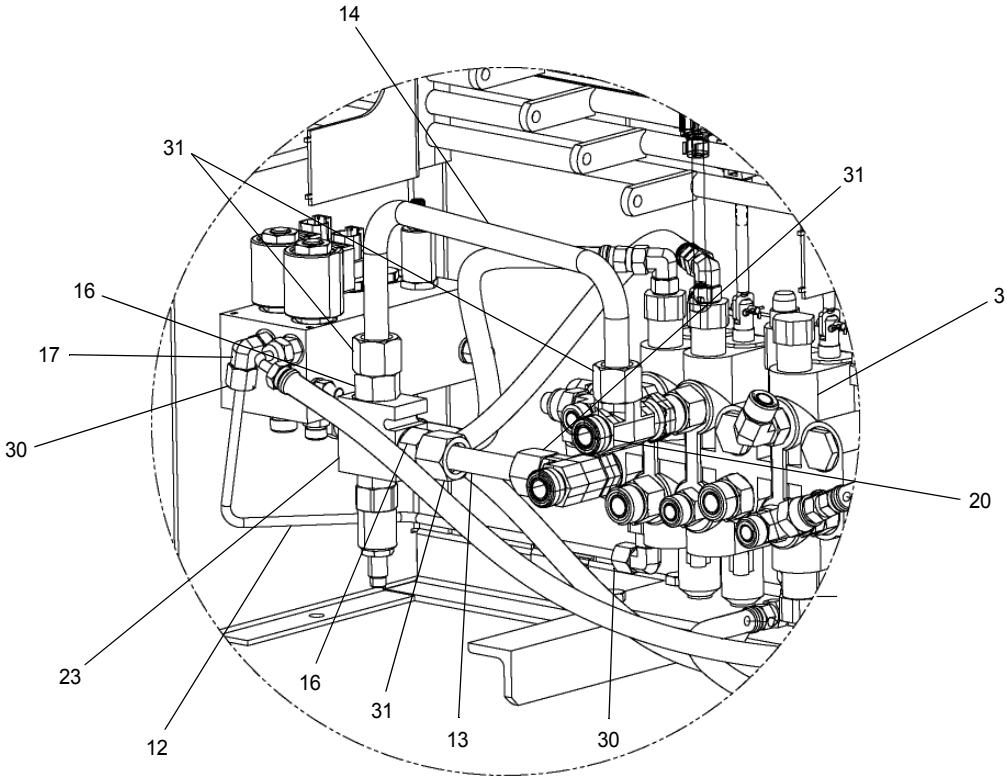




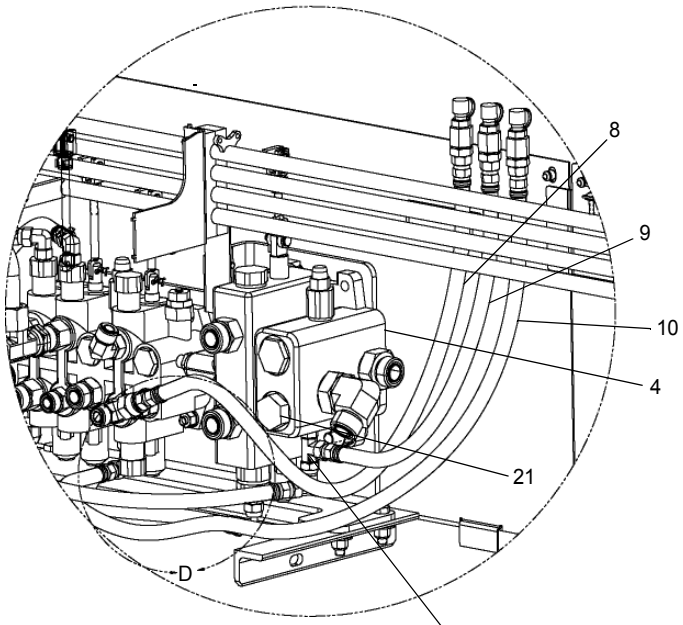


DETAIL A

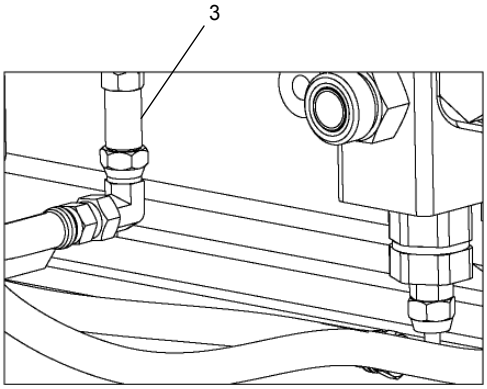
SEE PAGE 25.41



DETAIL B

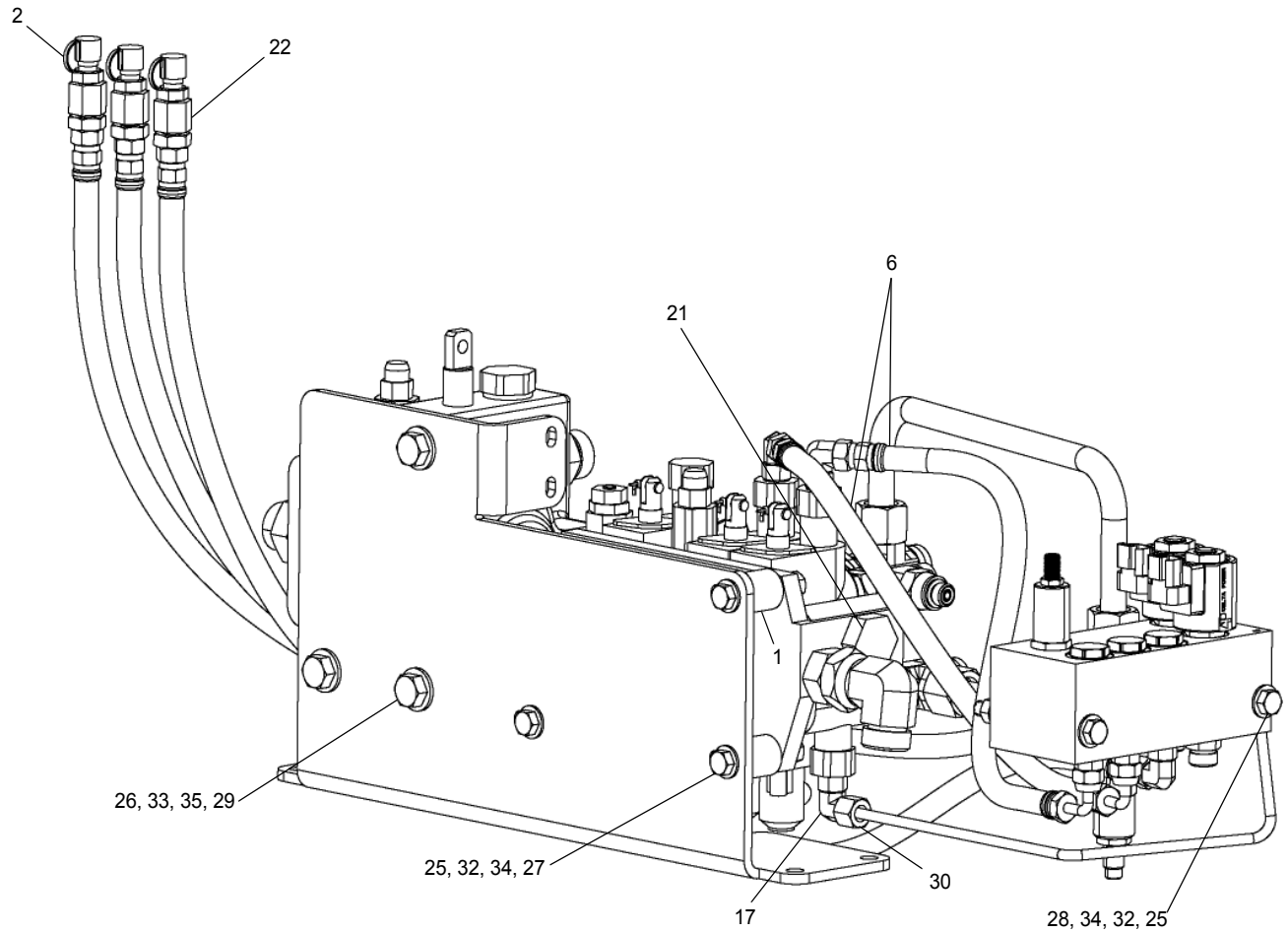


DETAIL C



DETAIL D

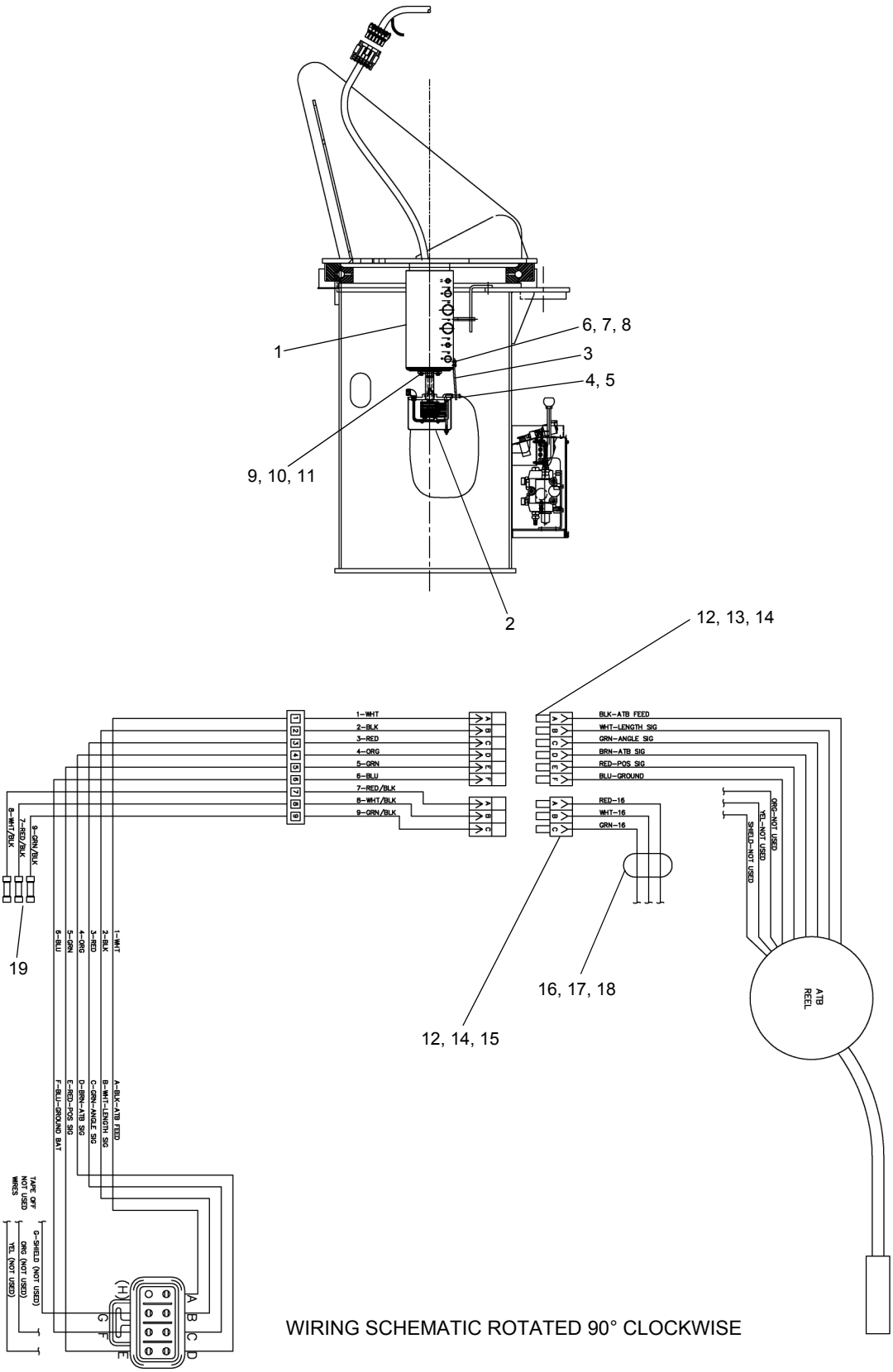
SEE PAGE 25.41



SEE PAGES 25.39 & 25.40

REF	PART NO.	DESCRIPTION	QTY
	500-01836-04 (Rev B)	*HYD INSTL, Console*	
1	001-20057	Spacer, CYL 0.406 X 1.00 X 1.00	3
2	12019-558	Dust Cap	3
3	500-01826	Valve ASSY	1
4	500-01827	Valve SUBASSY, Winch	1
5	500-01828	Valve ASSY, LMI	1
6	502-11325	Hose, LMI -Boom Topping	2
7	502-11327	Hose, LMI Winch Raise Unloading	1
8	502-11330	Hose, Swing Test Port	1
9	502-11331	Hose, Winch Test Port	1
10	502-11332	Hose, Main Valve Test Port	1
11	502-11333	Hose, 2SP Motor Shift	1
12	510-20465	PB Pilot Drain	1
13	510-60022	Tube, Tele Relief, 0.625 DIA	1
14	510-60023	Tube, Tele Relief, 0.625 DIA	1
15	513-20017	STR CONN M#4 OFS X M#4 ORB	1
16	513-60012	CONN, -10 OFS X -8 ORB (A7S)	2
17	514-52003	Elbow 90 STD-M#4 OFS	2
18	514-62002	Elbow 90 M0.250OFS X F0.250OFS SW	1
19	516-82006	Tee, Run -4 OFS X -4 ORB	1
20	516-86002	Swivel Run Tee - 10 - 10 - 10	1
21	517-30004	Plug, HEXHD 0.75 - F3N-E4S	2
22	518-20013	Parker # PD 346	3
23	559-00262	Valve, Relief	1
24	T127087	Control Console ASSY	1
25	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	5
26	N04-500C000-25	Nut, HEX 0.50-13, ST Z GR5	3
27	S01-375CB50-25	SCR, HHCS 0.375-16X2.50, ST Z GR5	3
28	S01-375CD00-25	SCR, HHCS 0.375-16X4.00, ST Z GR5	2
29	S01-500CB00-25	SCR, HHCS 0.50-13X2.00, ST Z GR5	3
30	SAE520110-04	Nut, HEX, Tubenut 04	2
31	SAE520110-10	Nut, HEX, Tubenut 10	4
32	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	5
33	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	3
34	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST Z	5
35	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	3

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

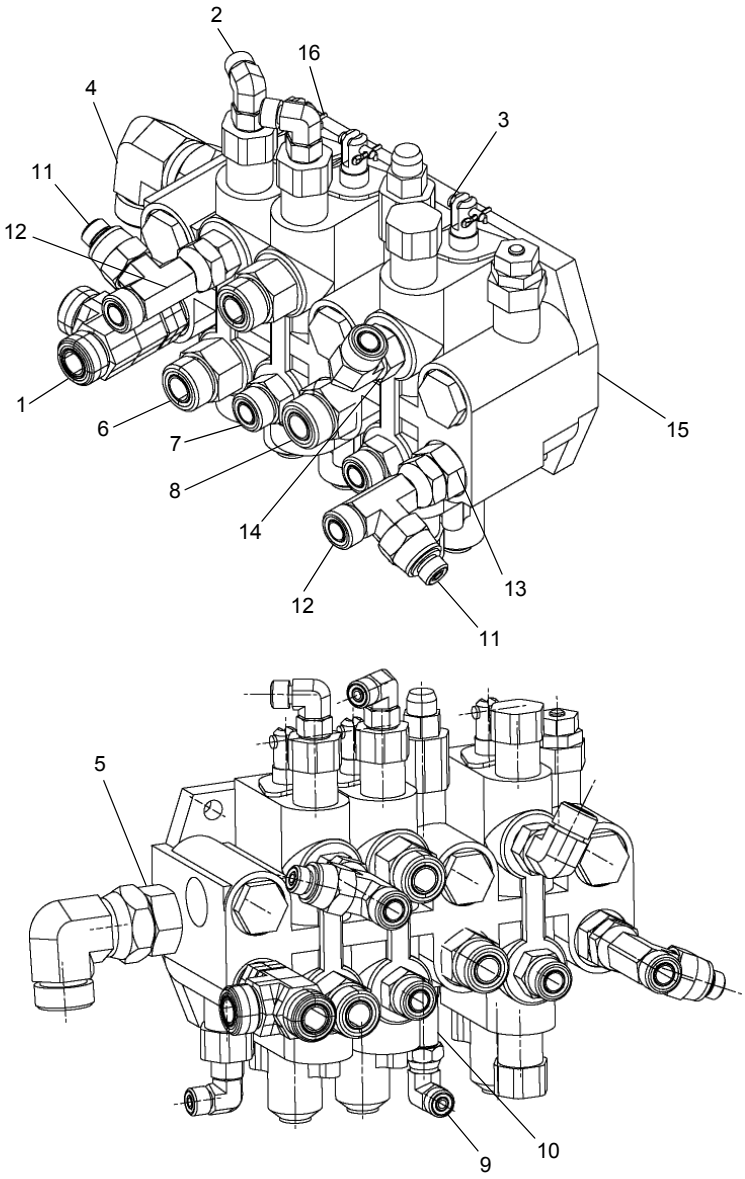


WIRING SCHEMATIC ROTATED 90° CLOCKWISE

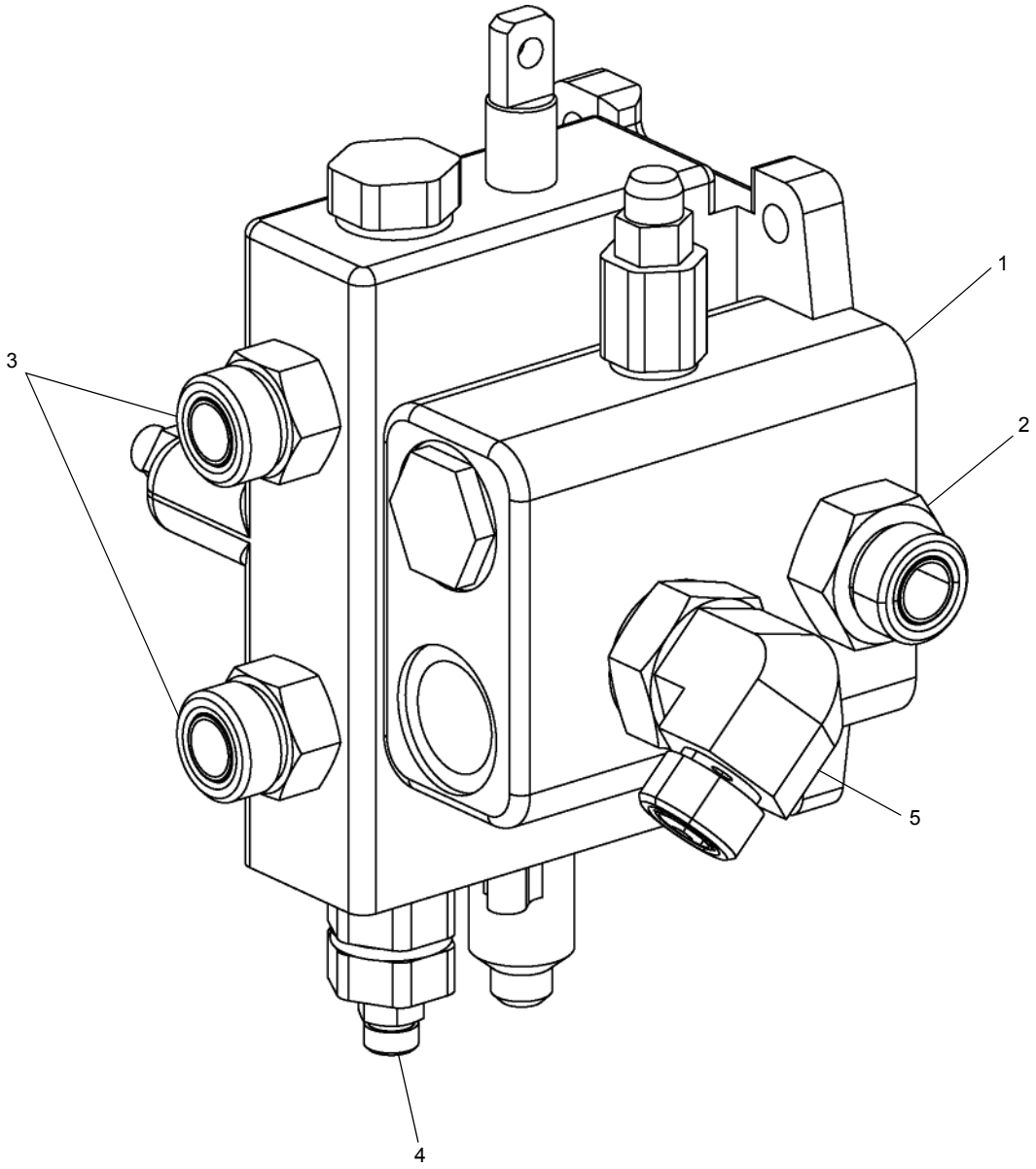
SEE PAGE 25.43

SEE PAGE 25.42

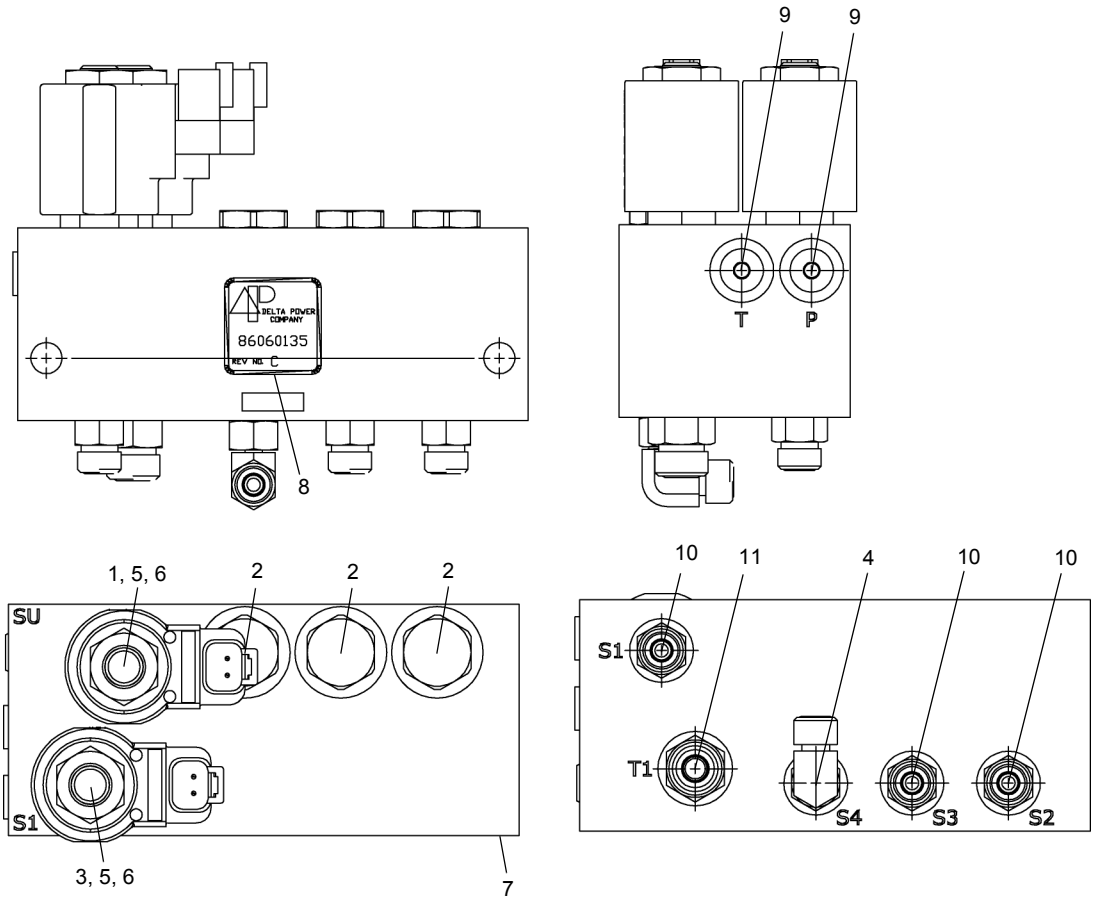
REF	PART NO.	DESCRIPTION	QTY
	500-01843 (Rev 00)	*Center Post INSTL CONT ROT*	
1	560-00072	Swivel, 11 Circuit	REF
2	400-17094	Collector Ring 9	1
3	789-05904	Arm, Collector Ring Stop	1
4	220-02070-33	HHCS .375-16 X 2.25 GR5 Zinc	1
5	221-00027-3	HEX Nut .375-16 Zinc PLTD	1
6	220-00045-13	HHCS .25-20 X 1.00 GR5 Zinc	2
7	222-00025-6	Flatwasher .25 Zinc PLTD	2
8	222-00028-9	Lockwasher .25 Zinc PLTD	2
9	220-02070-13	HHCS .38-16 X 1.00 GR5 Zinc	2
10	222-00025-8	Flatwasher .38 Zinc PLTD	2
11	222-00028-11	Lockwasher .38 Zinc PLTD	2
12	400-23407	FEM TERM, 12/14GA PKD W/PAK (01107)	9
13	400-23460	CONN, 6 POS FEM Pins PKD (01107)	1
14	400-23191	Seal, PKD WPK 14/16GA (01107)	18
15	400-23367	CONN, PKD WKD 3 POS FEM Pins (01107)	1
16	400-01376	Wire, FLM RET 16 GA Red (00790)	0.5 FT
17	400-01379	Wire, FLM RET 16 GA WHT (00790)	0.5 FT
18	400-01375	Wire, FLM RET 16 GA GRN (00790)	0.5 FT
19	400-02343	Butt CONN W/HT Shrink 14/16GA	3



REF	PART NO.	DESCRIPTION	QTY
	500-01826 (Rev A)	*Valve ASSY*	
1	516-86004	Tee, SW Run 2 X M#10 OFS X F#10	1
2	514-52003	Elbow 90 STD-M#4 OFS	3
3	870-00044	OBS-Pin, Clevis 0.19X0.75 LG	3
4	514-67004	Elbow Swivel 90 P#12C6LO-S	1
5	513-70023	STR CONN M#12 OFS X M#12 ORB	1
6	513-60012	CONN, -10 OFS X -8 ORB (A7S)	2
7	513-50023	STR CONN M#8 OFS X M#8 ORB	3
8	513-60008	CONN M#10 OFS X M#10 ORB	1
9	514-62002	Elbow 90 M0.25OFS X F0.25OFS SW	1
10	513-30003	STR CONN L M#4 OFS X M#4 ORB	1
11	519-50012	Reducer F#8 OFS X M#4 OFS	2
12	516-85004	Tee 2X M#8 OFS X F#8 OFS	2
13	513-50027	STR CONN M#8 OFS X M#10 ORB	1
14	514-55011	90 Elbow M#8 OFS X M#8 ORB	1
15	550-00423	Valve, Main Boom	1
16	224-01001	PIN, COTR 0.09X0.5 Z (1207-3)	3

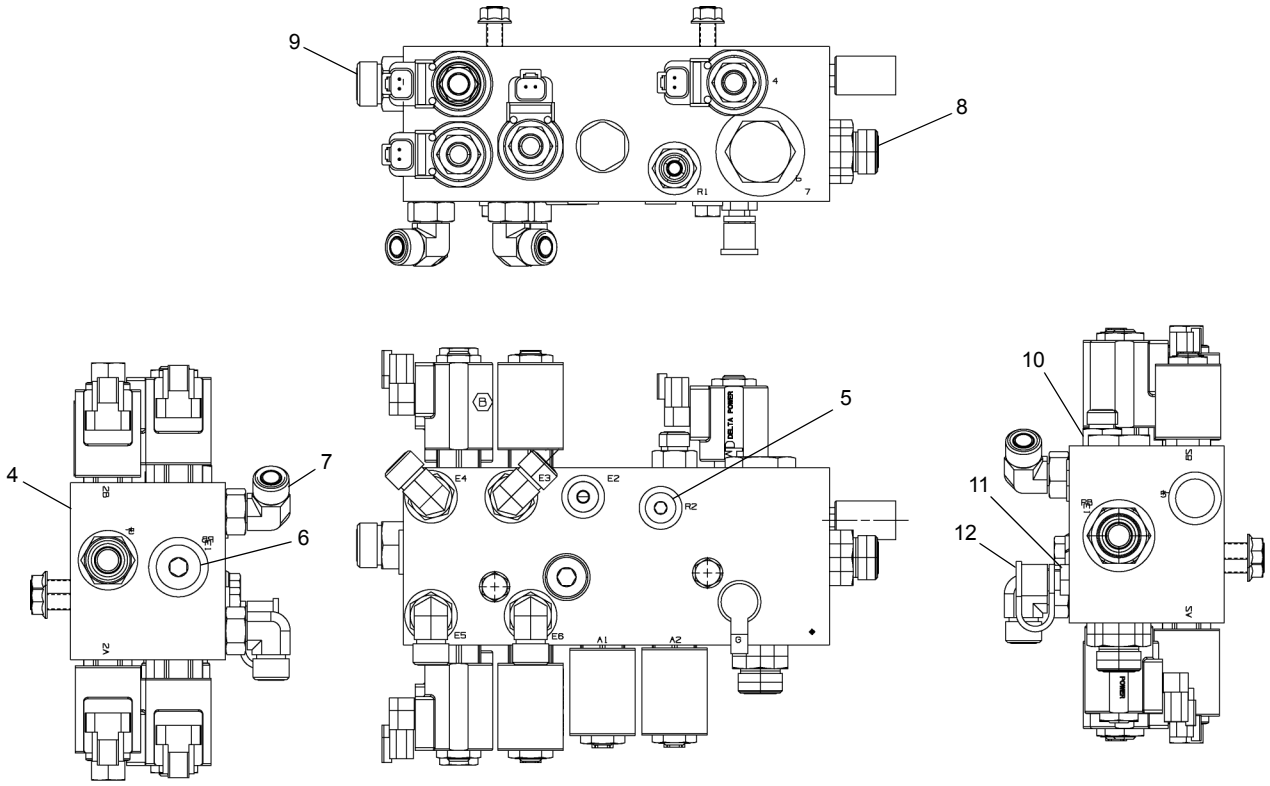


REF	PART NO.	DESCRIPTION	QTY
	500-01827 (Rev B)	*Valve Sub ASSY, Winch*	
1	550-00420	Valve, Winch Control	1
2	513-70026	CONN 12-16	1
3	513-70023	STR CONN M#12 OFS X M#12 ORB	2
4	513-20017	STR CONN M#4 OFS X M#4 ORB	1
5	514-59023	Elbow 90DEG, 12-16	1

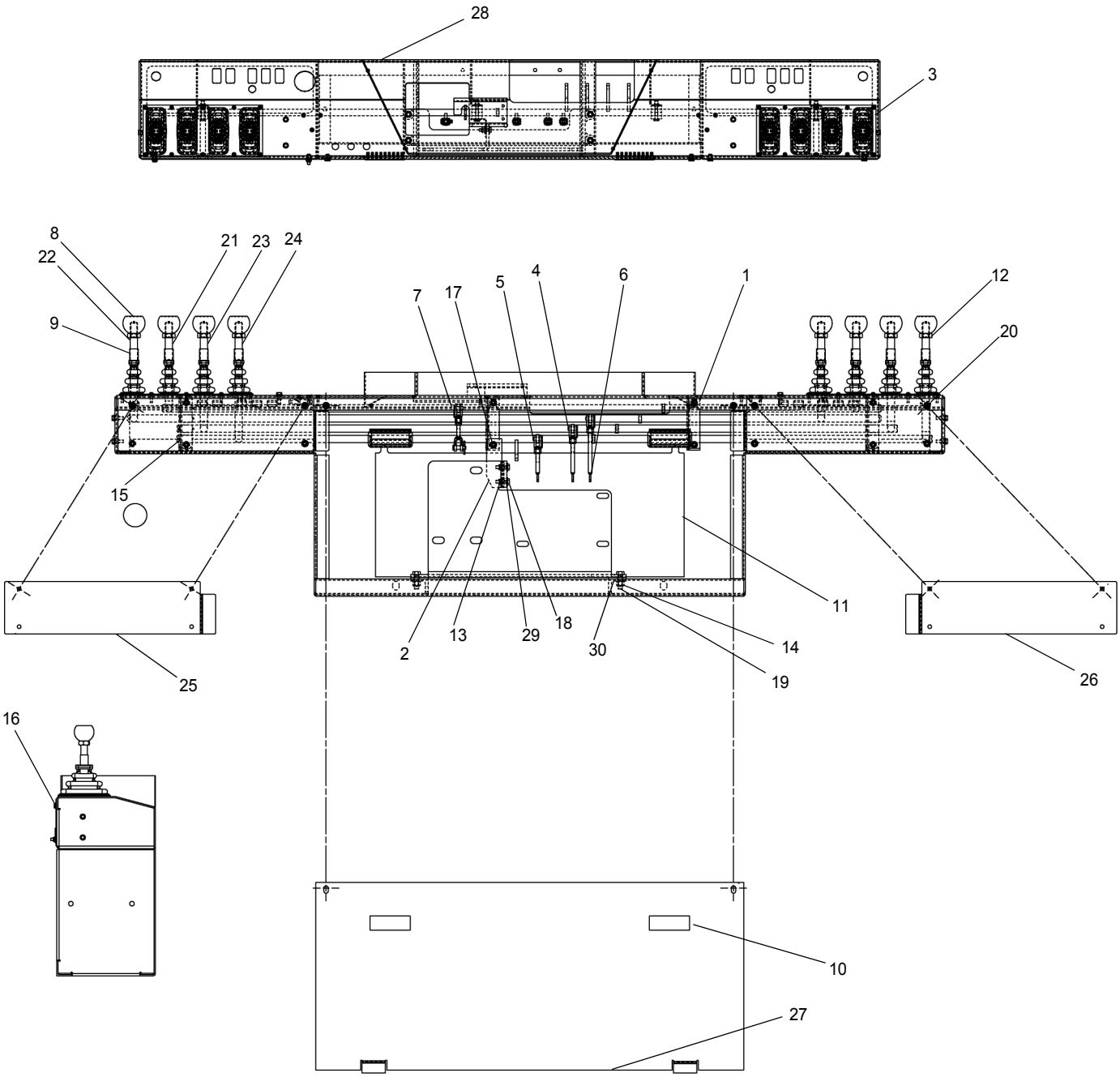


REF	PART NO.	DESCRIPTION	QTY
	500-01828 (Rev B)	*Valve, Multifuction*	
1	222903	2W N.O. Spool Valve	1
2	222904	Check Valve	3
3	222905	3W2P Spool Valve	1
4	514-52003	CONN M#04 OFS M#04 ORB	1
5	222906	12 VDC Coil	2
6	222907	Coil Nut	2
7	222908	Manifold	1
8*	222909	Manifold Tag	1
9	517-30014	Plug, M#04 ORB INT HEX	2
10	513-20017	CONN M#04 OFS M#04 ORB	3
11	513-40014	CONN, M#06 OFS M#06 ORB	1

* ITEM 8 IS NOT SHOWN IN THE ILLUSTRATION



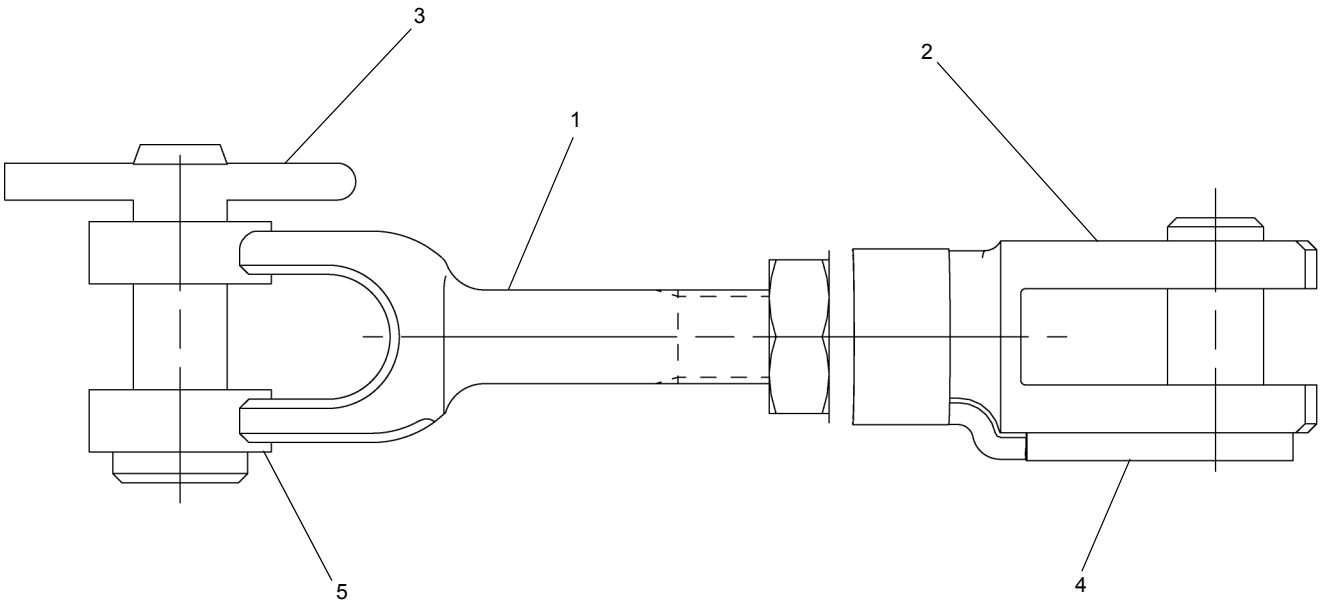
REF	PART NO.	DESCRIPTION	QTY
	500-01844 (Rev B)	*Valve Sub ASSY, Outrigger*	
1	W07-375X000 -20	WSH, LCK, MED SPLT 0.375, S T Z	2
2	S01-375FD50 -25	SCR, HHCS 0.375-24X4.50-ST Z GR5	2
3	NFS-375C000-25	Nut, HEX, FLG, SERR 0.375-16, STZ G5	2
4	551-10148	Valve, Outrigger	1
5	517-30003	Port Plug M6 ORB	2
6	517-30002	Plug, HEX Head 0.625	1
7	514-55011	90 Elbow M#8 OFS X M#8 ORB	4
8	513-60015	Connector, Straight	2
9	513-60008	CONN M#10 OFS X M#10 ORB	1
10	513-40018	CONN 6-8	1
11	375-0400	Test Port, -6	1
12	120-19558	Dust Cap	1


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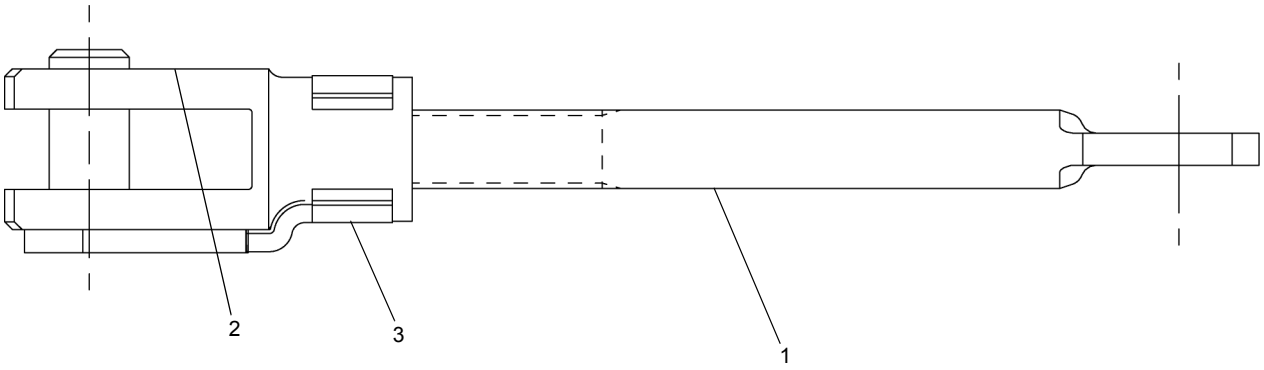
SEE PAGE 28.2

SEE PAGE 28.1

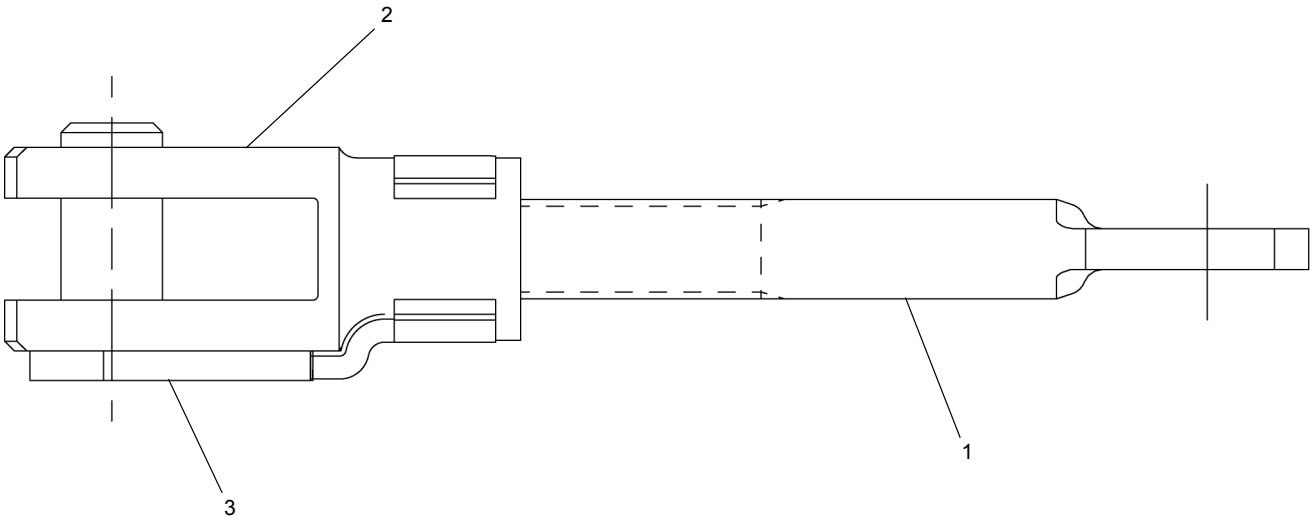
REF	PART NO.	DESCRIPTION	QTY
	T127087 (Rev B)	*Control Console ASSY*	
1	709-01858	Bearing Block- Control Handle	8
2	789-05882	BRKT, BLABE MTG. Lever Support	1
3	789-05883	Boot Hold Down Plate	2
4	806-00267	Control Link ASSY, Boom Tele	1
5	806-00268	Control Link ASS Y, Swing	1
6	806-00269	Control Link ASSY, Boom Hoist	1
7	806-00272	Control Link ASSY, Winch	1
8	808-00048	DIMCO Part # 1-274- 070	8
9	809-00501	Shift Boot, PVC Molded	4
10	809-00514-3	Handle	2
11	809-00520	BRKT, Valve MTG	1
12	N05-625C000-25	Nut, HEX JAM 0.625 -11, ST Z GR5	8
13	NYL-250C000-25	Nut, HEX NYL - INS 0.25-20, ST Z G5	2
14	NYL-375C000-25	Nut, HEX NYL - INS 0.375-16, ST Z G5	4
15	P22-125XA00-GP	Pin, Spring SLTD 0.125X1.00, ST	8
16	SFL-250C500-B8	SCR, HEX FLNG 0.25-20X 0.50, GR8	10
17	SFL-250CA75-B8	SCR, HEX FLNG 0.25-20X1.75, GR8	8
18	SHF-250CA00-25	SCR, HHCS FT 0.25-20X1.00,,ST Z G5	2
19	SHF-375CA25-25	SCR, HHCS FT 0.375 - 16X1.25, STZ G5	4
20	SL5-190C750-20	SCR, CREC RND MS 10-24X0.75, ST Z	20
21	T127068	Control Handle, Winch	1
22	T127069	Control Handle, Boom Hoist	1
23	T127070	Control Handle, Boom Tele	1
24	T127071	Control Handle, Swing	1
25	T127115	Console Cover, S.S. End	1
26	T127116	Console Cover, C.S. End	1
27	T127117	Console Cover, Center Section	1
28	T130477	Console ASSY	1
29	WBR-25RX734-20	WSH, FL TYPB - REG 0.25, ST Z	4
30	WBR-37RXA00-20	WSH, FL TYPB - REG 0.375, ST Z	4



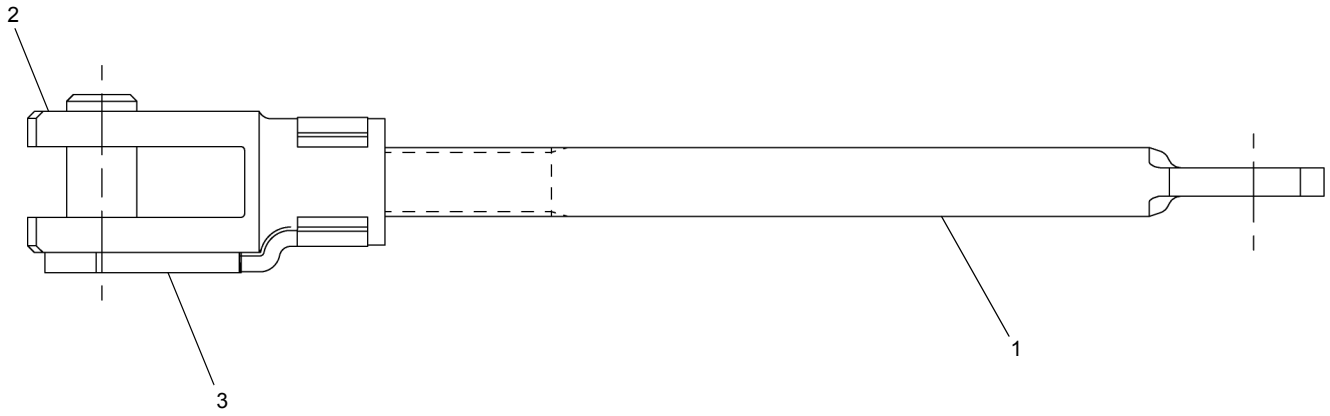
REF	PART NO.	DESCRIPTION	QTY
	806-00272 (Rev 00)	*Console Link ASSY Winch*	
1	809-00516	Clevis, Male Yoke 5/16-24X1.63	1
2	809-00510	Clevis Housing 5/16-24W 5/25	1
3	870-00129	Pin Clevis 5/16" DIA X 1.00 LG	1
4	809-00511	Clevis Pin 5/16 DIA	1
5	224-02001	Pin Cotter 1/8 X .75 Zinc PLTD	1



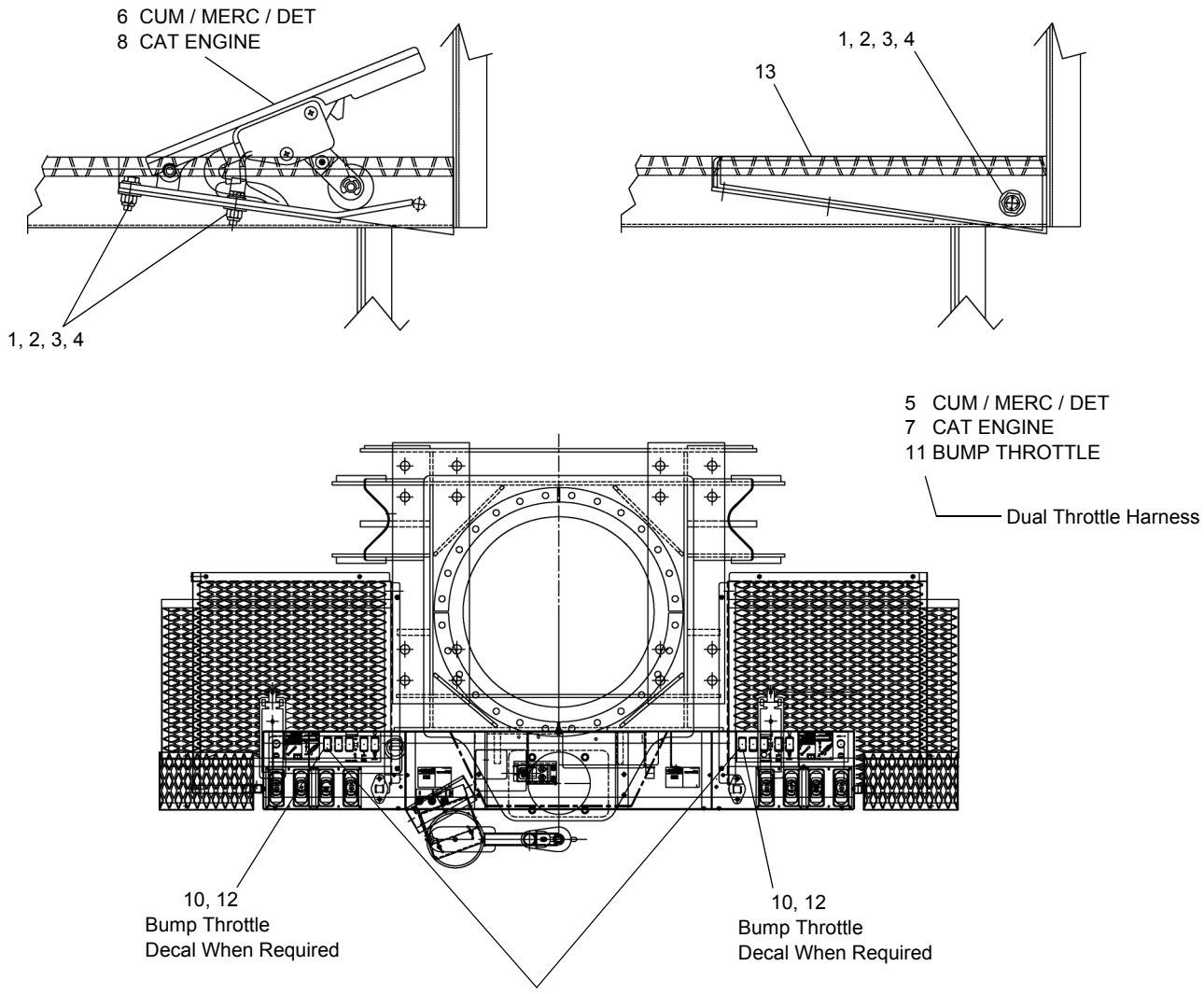
REF	PART NO.	DESCRIPTION	QTY
	806-00267 (Rev 00)	*Link ASSY TELE Console Telescope Boom*	
1	806-00270-2	Control Link Rod 5/16-24X3.50	1
2	809-00510	Clevis Housing 5/16-24W 5/25	1
3	809-00511	Clevis Pin 5/16 DIA	1



REF	PART NO.	DESCRIPTION	QTY
	806-00268 (Rev 00)	*Link ASSY Swing Console*	
1	806-00270-1	Control Link Rod 5/16-24X2.63 Zinc	1
2	809-00510	Clevis Housing 5/16-24W 5/25	1
3	809-00511	Clevis Pin 5/16 DIA	1

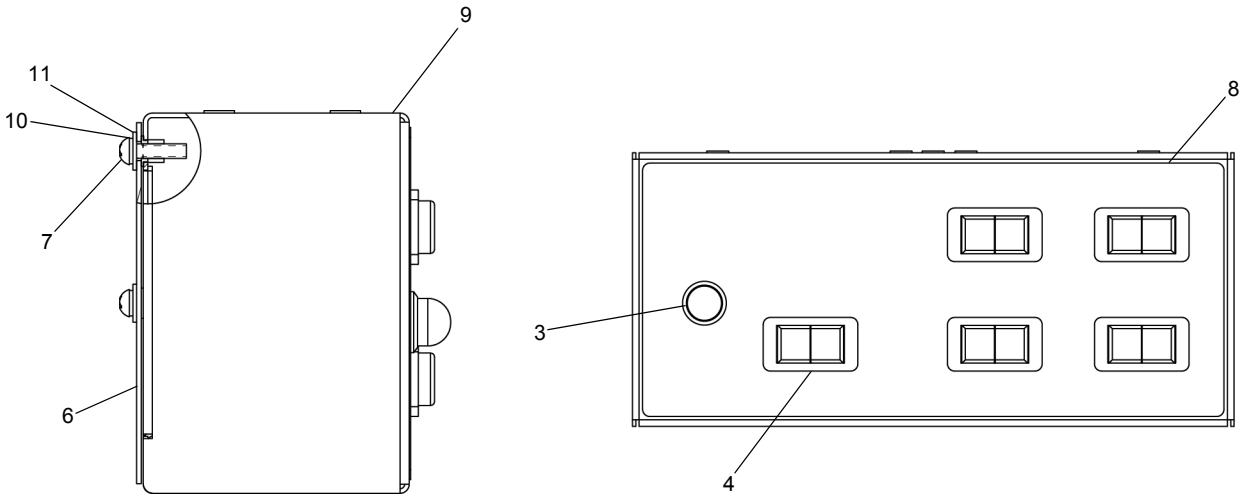


REF	PART NO.	DESCRIPTION	QTY
	806-00269 (Rev 00)	*Link ASSY Hoist Console Boom Hoist*	
1	806-00270-3	Control Link Rod 0.3125-24X4.00	1
2	809-00510	Clevis Housing 5/16-24W 5/25	1
3	809-00511	Clevis Pin 5/16 DIA	1



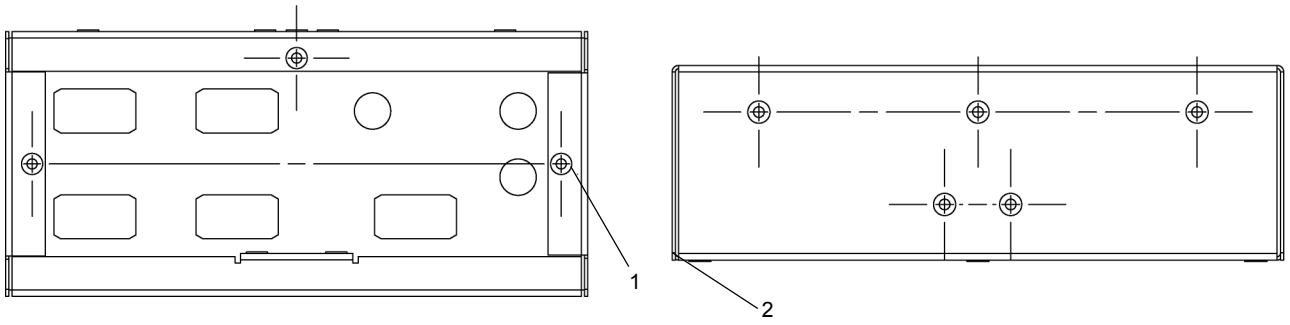
REF	PART NO.	DESCRIPTION	QTY
	400-14032-1 (Rev E)	*Throttle INSTL Option (Cummins, Mercedes & Detroit) (Items 1 to 6)*	
	400-14032-2 (Rev E)	*Throttle INSTL Option (Caterpillar) (Items 1 to 4 & 7 to 12)*	
	400-14032-4 (Rev E)	*Throttle INSTL Option (Bump Throttle) (Items 1 to 4 & 10 to 13)*	
1	220-00045-13	HHCS, .25-20 X 1.00 GR5 Zinc	2
2	222-00025-6	Flat Washer .25 Zinc	4
3	222-00027-8	Fender Washer .25 X 1.50 OD	2
4	221-00032-1	Nylock Nut .25-20 Zinc	2
5	400-25215	Dual Throttle Harness	1
6	300-00501	Williams Control Throttle Pedal	2
7	400-25216	Dual Throttle Harness	1
8	300-00503	Williams Control Throttle Pedal	2
9	651-00463	Throttle Decal (CAT Only)	2
10	1223-1036	Throttle Switch	2
11	400-25224	Dual Throttle Harness	1
12	651-00475	Throttle Decal (Bump)	1 (2 for 400-14032-4)
13	T114592	Foot Throttle Closeout (Bump)	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

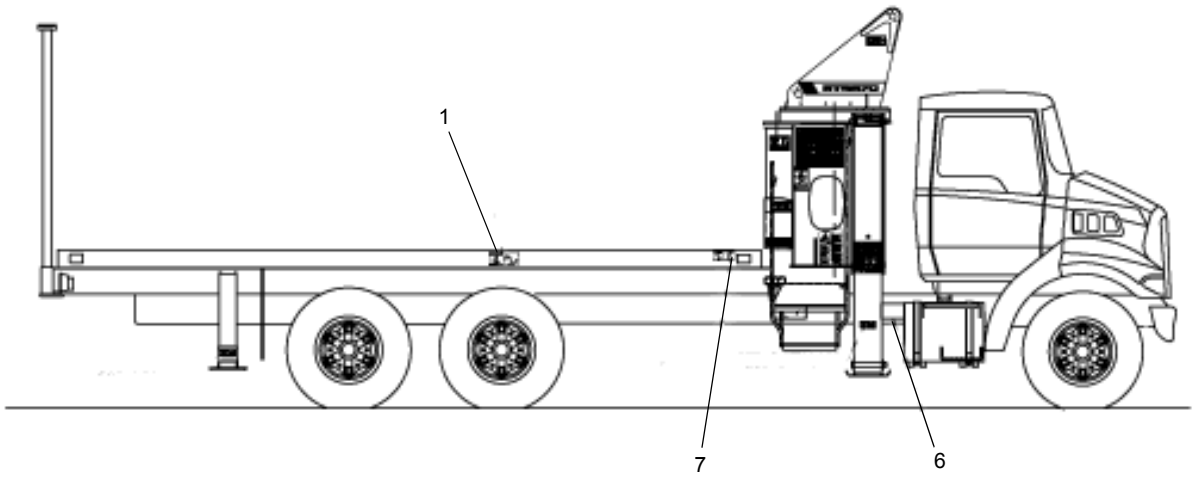


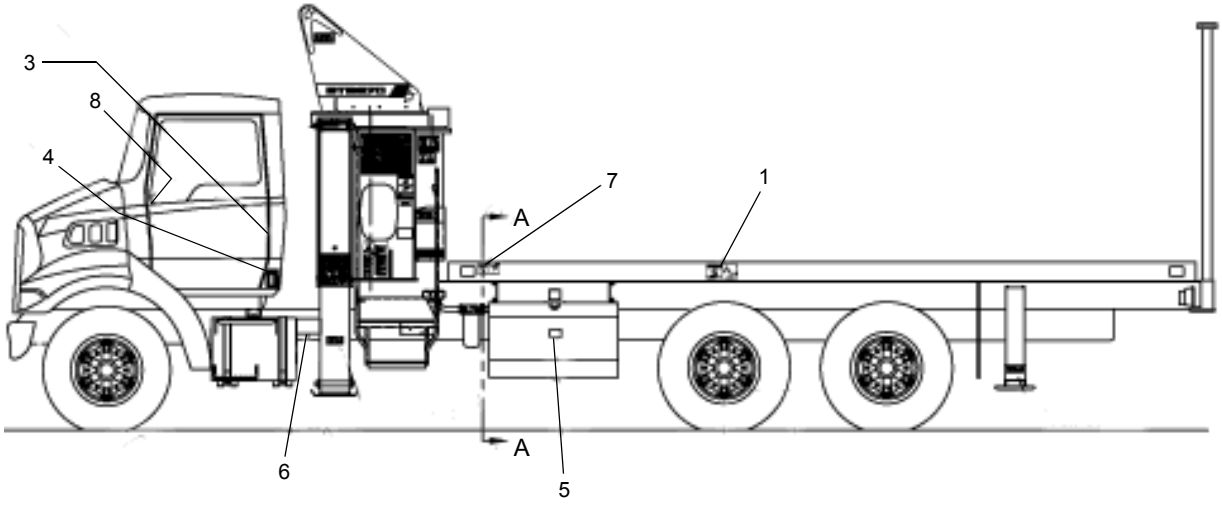
REF	PART NO.	DESCRIPTION	QTY
	T122074 (Rev A)	*Assembly, Outrigger Box*	
1*	1223-1020	Socket	1
2*	1223-1021	Lamp 12 V	1
3	1223-1022	Lens Red	1
4	1223-1051	Switch Rocker DPDT	5
5*	201-00264	Strap, Rigid Plastic	1
6	402-00047	Cover, Switch Box, Outrigger	1
7	SL5-190C750-20	SCR, CREC RND MS 10-24X0.75, ST Z	5
8	T121823	Decal, O/R Controls A-Frame	1
9	T121958	Outrigger Switch Box Assembly	1
10	W07-190X000-20	WSH, LCK, MED SPLT 10, ST Z	5
11	WAR-190X000-22	WSH, FL TYPA-REG 10, ST Z	3

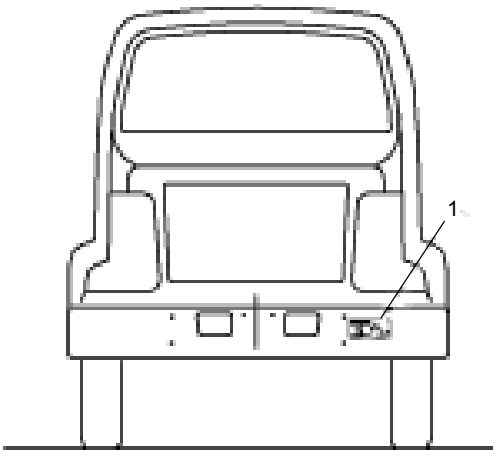
* ITEMS 1, 2 & 5 ARE NOT SHOWN IN THE ILLUSTRATION

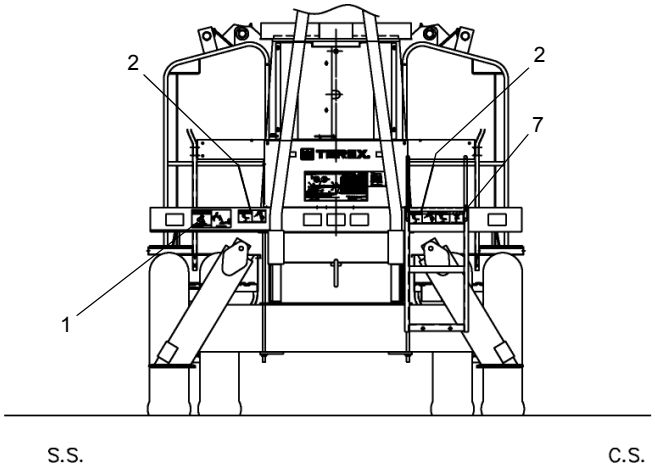


REF	PART NO.	DESCRIPTION	QTY
	T121958 (Rev B)	*Outrigger Switch Box Assembly*	
1	T11-190C000-CD	Thread - SERT 10-24, ST CAD	10
2	T121959	Switch Box, Outriggers	1

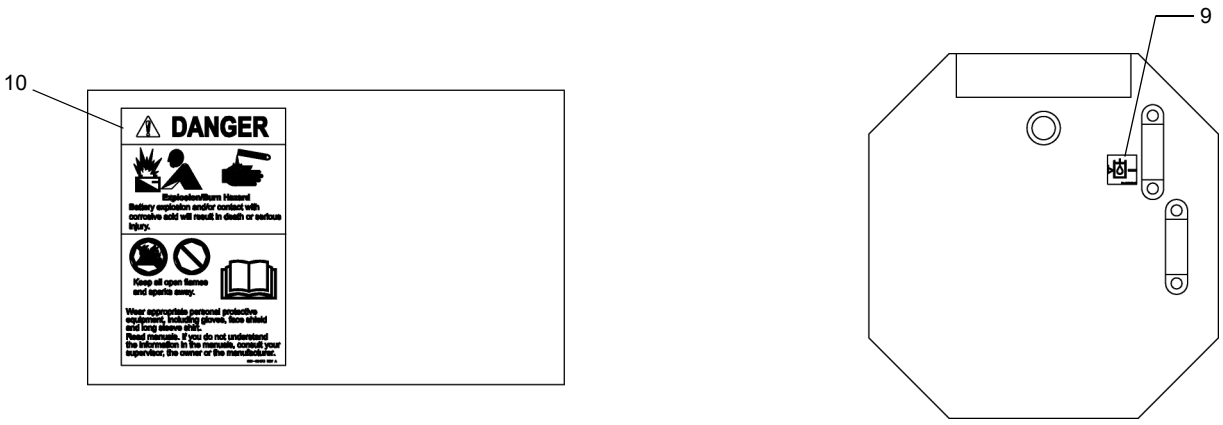






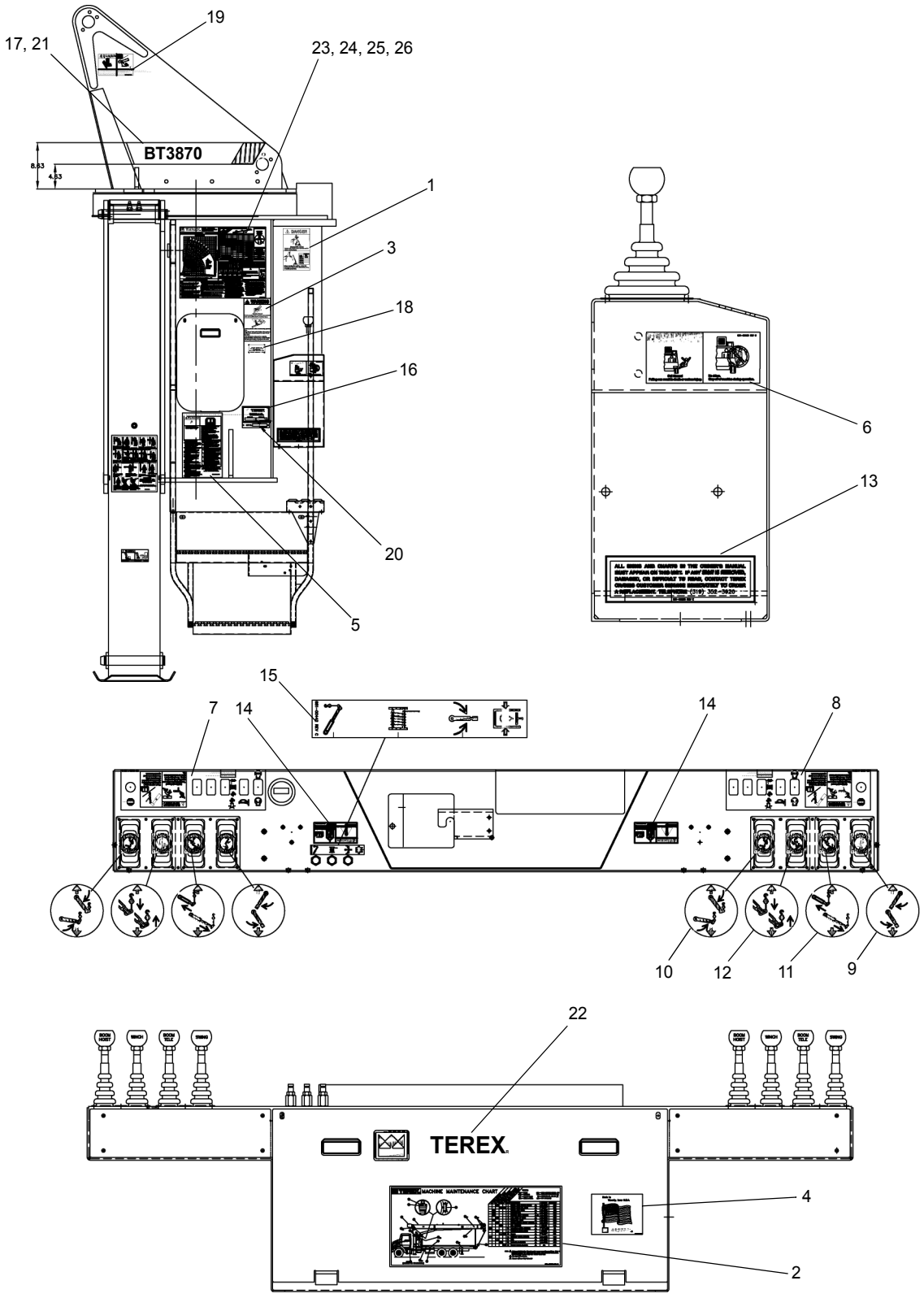


SEE PAGE 30.2



SEE PAGE 30.1

REF	PART NO.	DESCRIPTION	QTY
	655-00011 (Rev C)	*Decal Location Truck, Flatbed and Hydraulic Tank*	
1	T106560	Decal - Electrocution Hazard Personnel	4
2	651-00415	Decal - No Riding Boom / Jib / Load	2
3	654-00704	Decal - Partial Manufacturing	1
4	12400-1003	Decal - Fire Extingusher	1
5	652-00073	Decal - Hydraulic Oil Only	1
6	12400-1507	Decal - Entanglement	2
7	12400-1516	Decal - Fall Hazard	3
8	652-00575	Decal - PTO	1
9	651-00418	Decal - Hydraulic Oil Level	1
10	651-00473	Decal - Battery Danger	1

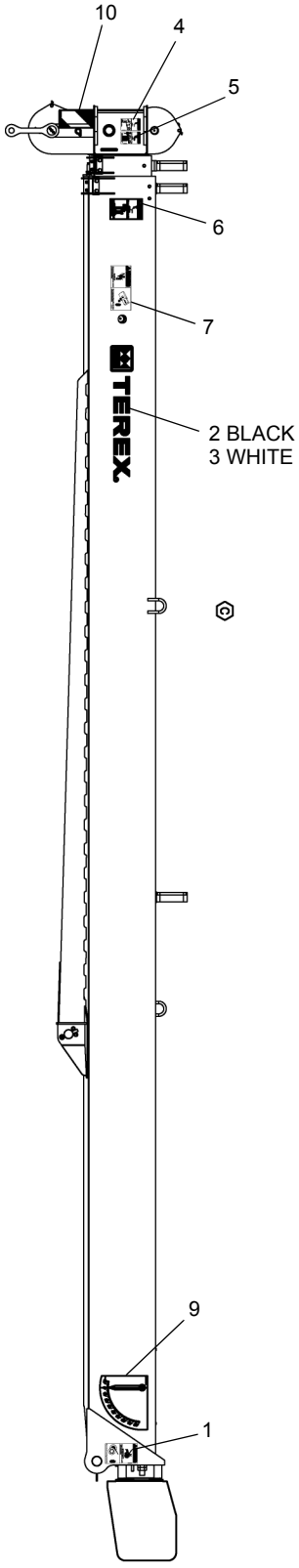


CONTROL CONSOLE

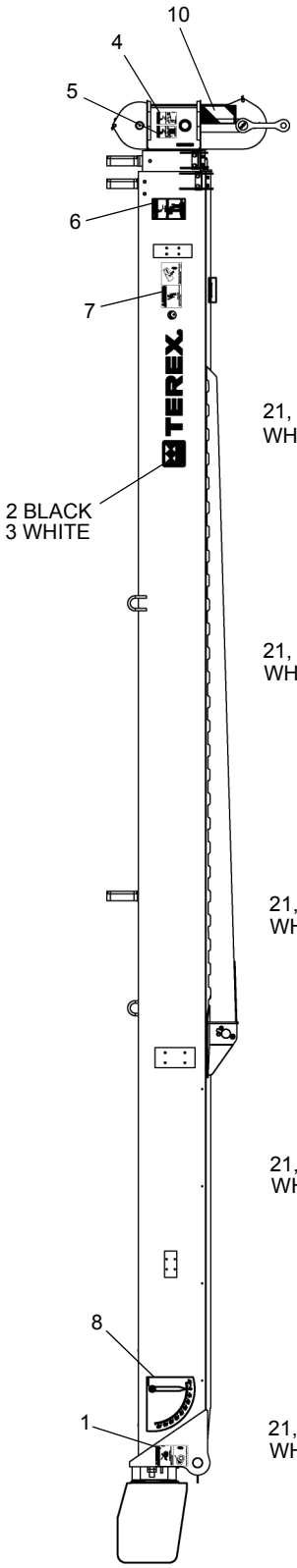
SEE PAGE 30.4

SEE PAGE 30.3

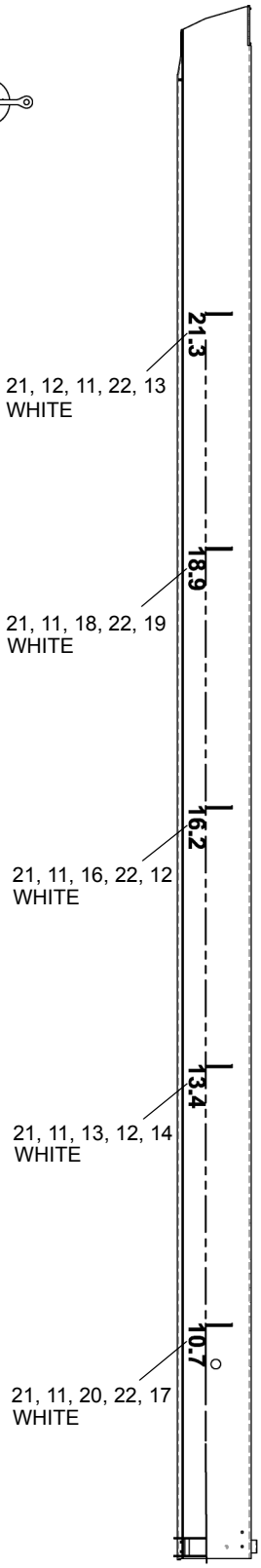
REF	PART NO.	DESCRIPTION	QTY
	655-00010-1 (Rev F)	*Decal Location Mainframe Turret and Console - Required Mainframe Decals (Items 1 thru 22)*	
	655-00010-2 (Rev F)	*Decal Location Mainframe Turret and Console - BT3870 Single Axle English (Items 1 thru 23)*	
	655-00010-3 (Rev F)	*Decal Location Mainframe Turret and Console - BT3870 Single Axle Metric (Items 1 thru 22 & 24)*	
	655-00010-4 (Rev F)	*Decal Location Mainframe Turret and Console - BT3870 Tandem Axle English (Items 1 thru 22 & 25)*	
	655-00010-5 (Rev F)	*Decal Location Mainframe Turret and Console - BT3870 Tandem Axle Metric (Items 1 thru 22 & 26)*	
1	651-00412	Decal - Electrocution Hazard	2
2	652-00570	Decal - Machine Maintenance Chart	1
3	12400-1503	Decal - Skin Injection	2
4	12400-2023	Decal - Made in USA	1
5	652-00569	Decal - Operating Instructions	2
6	651-00409	Decal - No Ride Step/Platform	2
7	651-00460-1	Decal - Control Console, S.S.	1
8	651-00460-2	Decal - Control Console, C.S.	1
9	650-00329	Decal - Console Swing	2
10	650-00330	Decal - Console Boom	2
11	650-00411	Decal - Console Boom Tele	2
12	T106562	Decal - Console Winch	2
13	651-00253	Decal - Warning All	2
14	651-00470	Decal - Personnel Lifting	2
15	651-00442	Decal - Test Port	1
16	12400-2032	Decal - Pin Number Plate	1
17	T112099	Decal - BT3870 Street Side Single	1
18	653-00229	Decal - Stability Certification	1
19	651-00425	Decal - Boom/Turret Crush Hazard	2
20	653-00416	Placard, Unit Number	1
21	T112100	Decal - BT3870 Curb Side Single	1
22	T106010	Decal - 2.0” Terex Logo (White Letters)	1
23	T117387	Load Chart Single Axle (English)	2
24	T117388	Load Chart Single Axle (Metric)	2
25	T117389	Load Chart Tandem Axle (English)	2
26	T117390	Load Chart Tandem Axle (Metric)	2



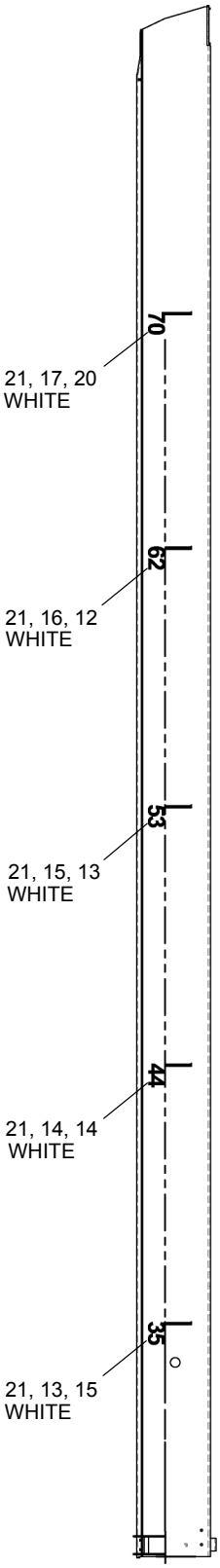
CURBSIDE VIEW
VIEW IS ROTATED
TO 90º CLOCK WISE



STREET SIDE VIEW
VIEW IS ROTATED
TO 90º CLOCK WISE



2ND STAGE METRIC DECAL
VIEW IS ROTATED
TO 90º CLOCK WISE



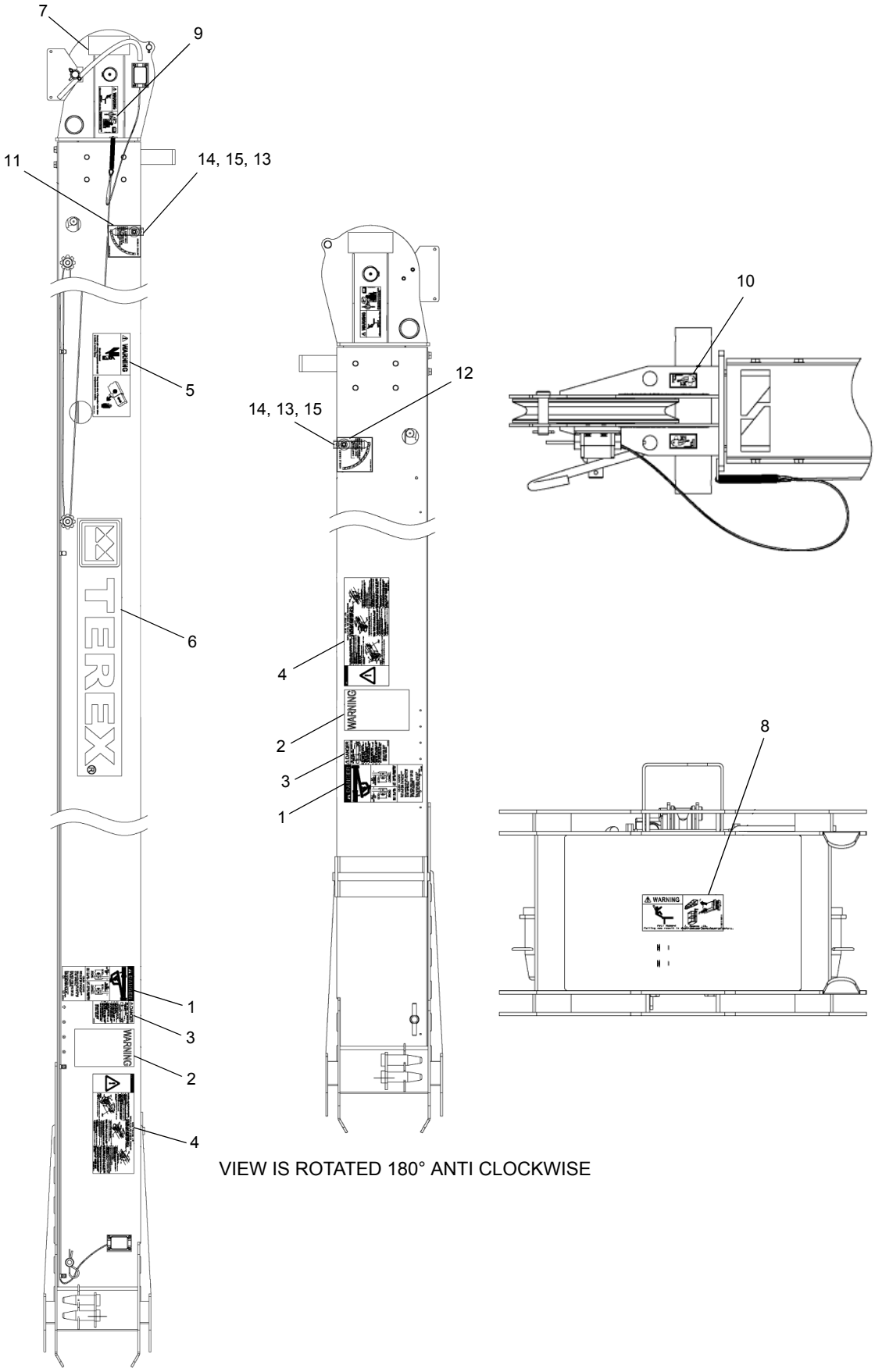
2ND STAGE ENGLISH DECAL
VIEW IS ROTATED
TO 90º CLOCK WISE

SEE PAGE 30.6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 30.5

REF	PART NO.	DESCRIPTION	QTY
	655-00009-1 (Rev E)	*Required Boom Decals (Items 1 & 4 thru 10)*	
	655-00009-2 (Rev E)	*BT 3870 Boom Decals Single Axle W/Logo Black (Items 1, 2 & 4 thru 10)*	
	655-00009-3 (Rev E)	*BT 3870 Boom Decals Single Axle W/Logo White (Items 1, 3 & 4 thru 10)*	
	655-00009-4 (Rev E)	*BT 3870 Boom Decals Tandem Axle W/Logo Black (Items 1, 2 & 4 thru 10)*	
	655-00009-5 (Rev E)	*BT 3870 Boom Decals Tandem Axle W/Logo White (Items 1, 3 & 4 thru 10)*	
	655-00009-6 (Rev E)	*Boom 2ND Stage English WHT (Items 1 & 4 thru 10, 12 thru 17 & 20, 21)*	
	655-00009-7 (Rev E)	*Boom 2ND Stage Metric WHT (Items 1 & 4 thru 14 & 16 thru 22)*	
1	651-00424	Decal - Loadline Crush Hazard	2
2	T105648	Decal - Terex Logo (Black) 5.4” Crown	2
3	T105650	Decal - Terex Logo (White) 5.4” Crown	2
4	T121866	Decal - Jib Removal W/Lift	2
5	T121867	Decal - Lanyard Hook Location	2
6	651-00416	Decal - Safe Elevated Access	2
7	653-00411	Decal - Crush/Cut Hazard	2
8	653-00389	Decal - Boom Angle Indicator - RH	1
9	653-00390	Decal - Boom Angle Indicator - LH	1
10	T105672	Decal - Boom Head Safety Stripe	2
11	601-00025-1	Decal - Number 1 (Terex White)	10
12	601-00025-2	Decal - Number 2 (Terex White) (For 655-00009-6)	2
	601-00025-2	Decal - Number 2 (Terex White) (For 655-00009-7)	4
13	601-00025-3	Decal - Number 3 (Terex White)	4
14	601-00025-4	Decal - Number 4 (Terex White) (For 655-00009-6)	4
	601-00025-4	Decal - Number 4 (Terex White) (For 655-00009-7)	2
15	601-00025-5	Decal - Number 5 (Terex White)	4
16	601-00025-6	Decal - Number 6 (Terex White)	2
17	601-00025-7	Decal - Number 7 (Terex White)	2
18	601-00025-8	Decal - Number 8 (Terex White)	2
19	601-00025-9	Decal - Number 9 (Terex White)	2
20	601-00025-10	Decal - Number 0 (Terex White)	2
21	601-00025-11	Decal - Indicating Line (Terex White)	10
22	601-00025-12	Decal - Decimal Point (Terex White)	10



VIEW IS ROTATED 180° ANTI CLOCKWISE

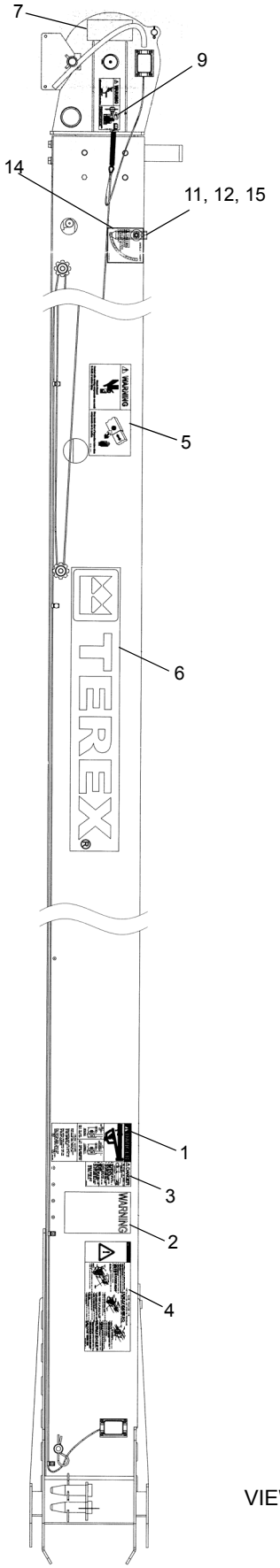
VIEW IS ROTATED 90° CLOCKWISE

SEE PAGE 30.8

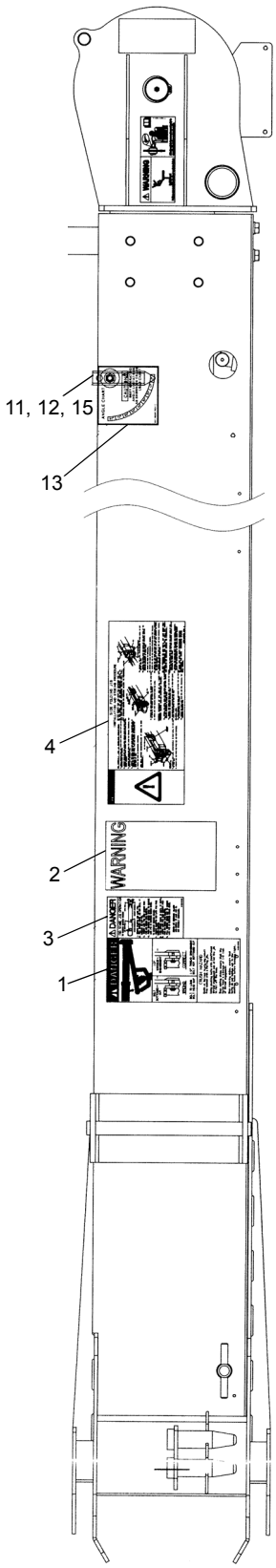
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 30.7

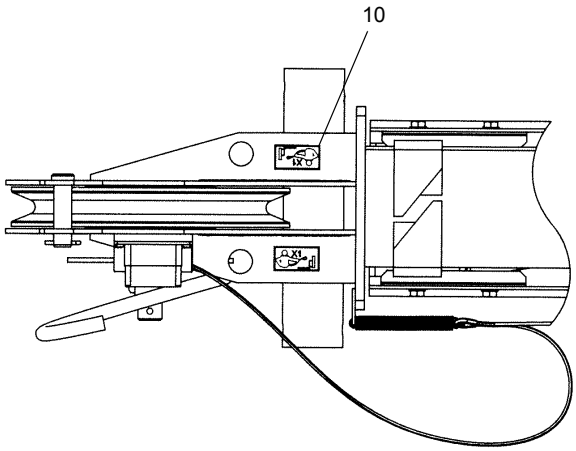
REF	PART NO.	DESCRIPTION	QTY
	655-00016 (Rev C)	*Decal INSTL, Jib - Black Terex*	
1	651-00371	Decal - Crush Hazard Jib	2
2	651-00416	Decal - Safe Elevated Access	2
3	652-00132	Decal - Jib Operation, 2 Stage	2
4	652-00576	Decal - Jib Install, Side Folding	2
5	653-00411	Decal - Crush/Cut Hazard	2
6	T105648	Decal, Terex Logo	2
7	T115240	Decal, Block Stripe 2.5X5.5	2
8	T118213	Decal, Jib Removal	1
9	T118214	Decal, Lanyard Hook Location	2
10	T127341	Decal, Lanyard Hook	4
11	651-00366	Decal, Angle LH	1
12	651-00367	Decal, Angle LH	1
13	WAR-375X000-22	WSH, FL TYPA-REG 0.375, ST Z	2
14	729-02579	Angle Pointer	2
15	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST Z G5	2

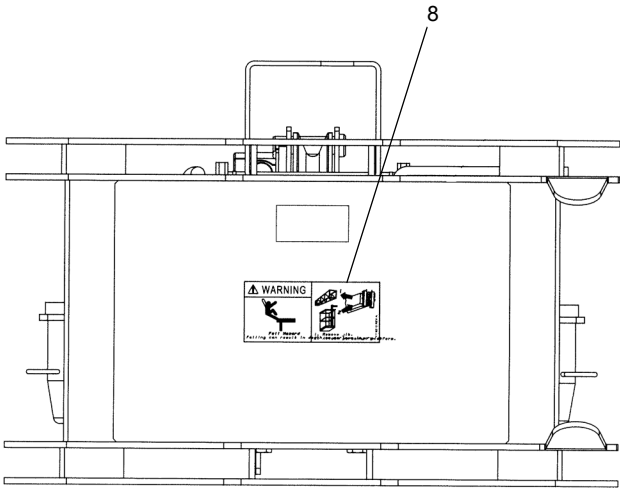


VIEW IS ROTATED 90° CLOCKWISE



VIEW IS ROTATED 180° ANTI CLOCKWISE



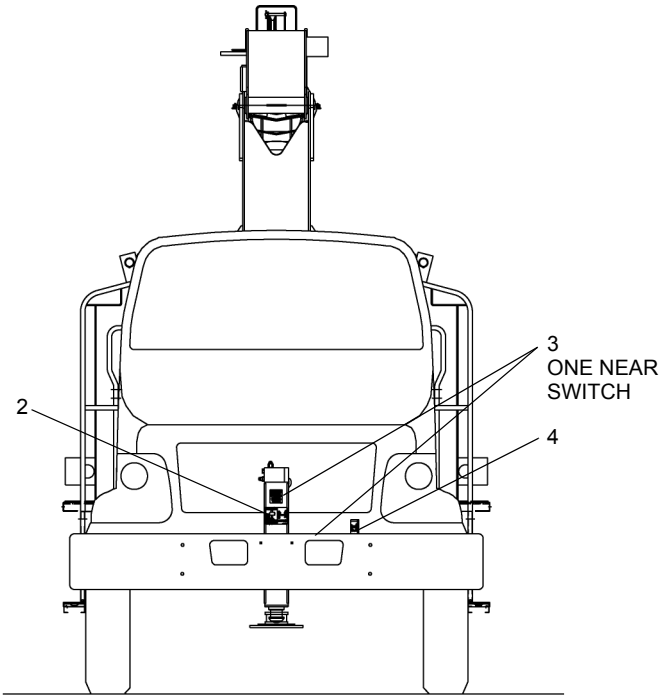


SEE PAGE 30.10

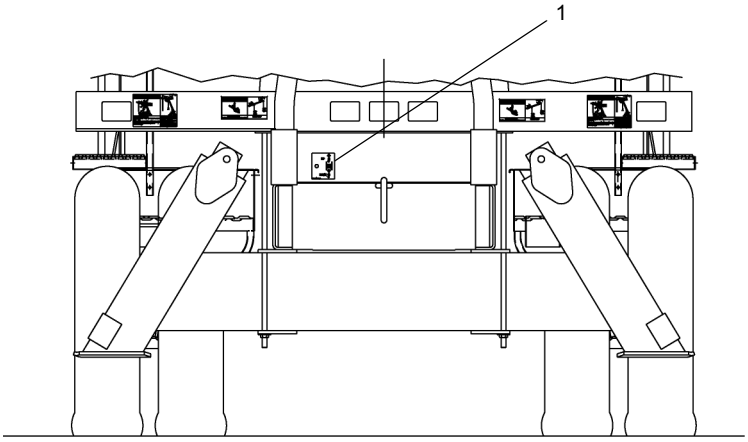
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 30.9

REF	PART NO.	DESCRIPTION	QTY
	655-00017 (Rev C)	*Decal INSTL, Jib - White Terex*	
1	651-00371	Decal - Crush Hazard Jib	2
2	651-00416	Decal - Safe Elevated Access	2
3	652-00132	Decal - Jib Operation, 2 Stage	2
4	652-00576	Decal - Jib Install, Side Folding	2
5	653-00411	Decal - Crush/Cut Hazard	2
6	T105650	Decal, Terex Logo - Frame	2
7	T115240	Decal, Block Stripe 2.5X5.5	2
8	T118213	Decal, Jib Removal	1
9	T118214	Decal, Lanyard Hook Location	2
10	T127341	Decal, Lanyard Hook	4
11	729-02579	Angle Pointer	2
12	WAR-375X000-22	WSH, FL TYPA-REG 0.375, ST Z	2
13	651-00367	Decal, Angle LH	1
14	651-00366	Decal, Angle LH	1
15	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST Z G5	2

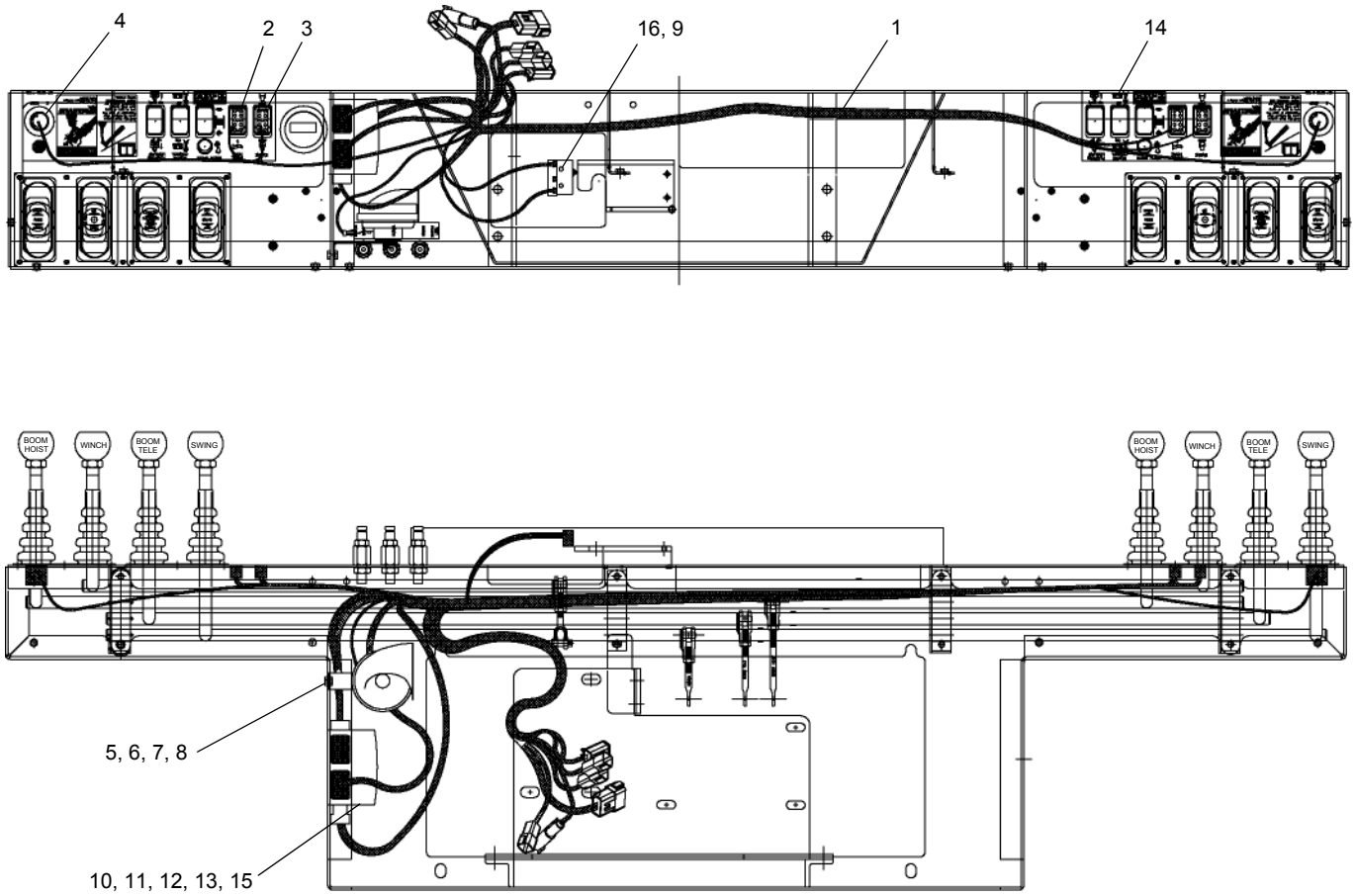


FIFTH OUTRIGGER DECAL LOCATIONS

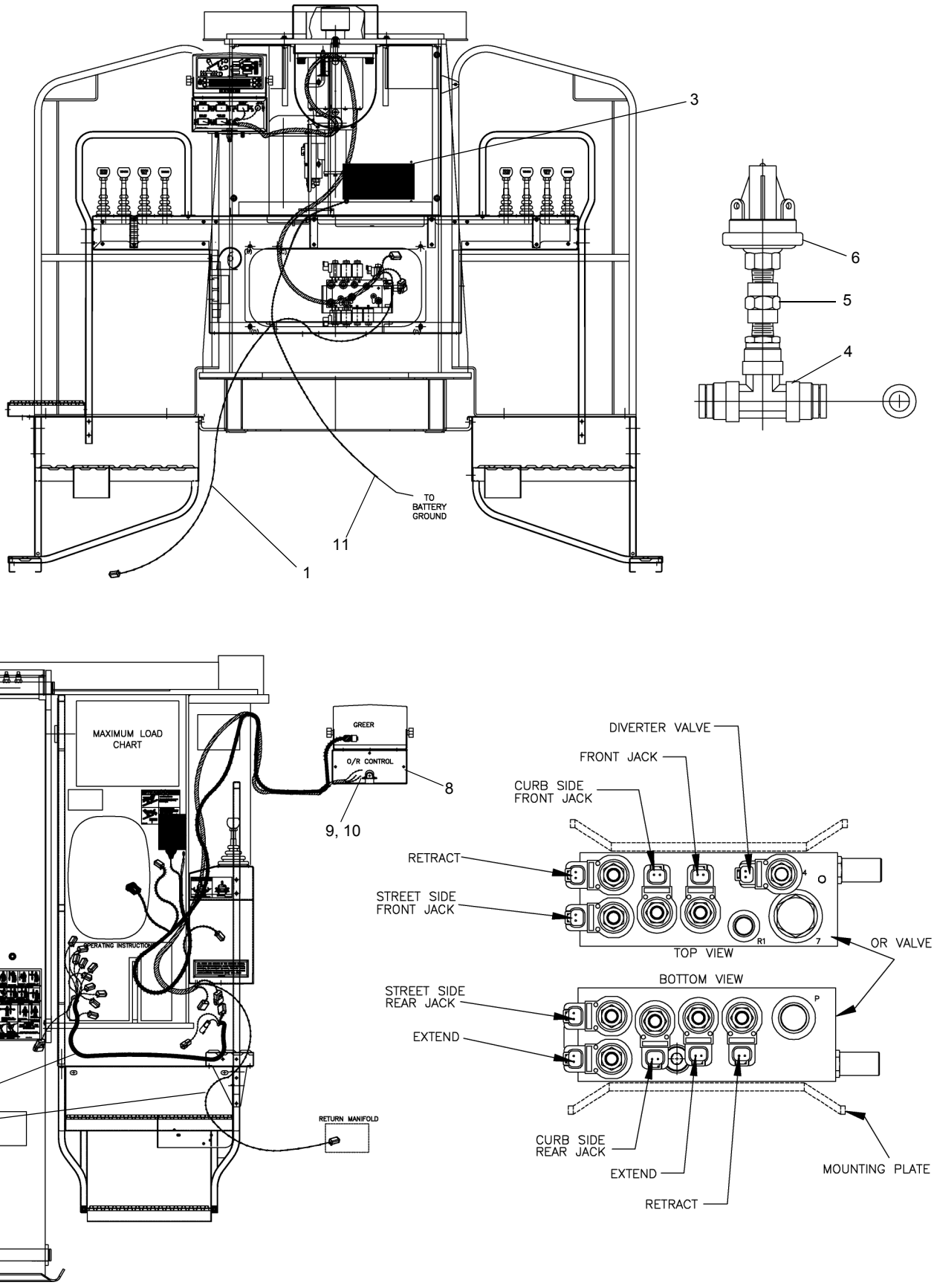


INCHING WINCH DECAL LOCATION

REF	PART NO.	DESCRIPTION	QTY
	655-00013 (Rev 00)	*Optional Decal Location*	
	655-00013-1 (Rev 00)	*Inching Winch (Item 1)*	
	655-00013-2 (Rev 00)	*Fifth Outrigger Jack (Items 2 thru 4)*	
1	651-00407	Decal - Inching Winch	1
2	651-00414	Decal - Fifth Outrigger Crushing	1
3	651-00435	Decal - Fifth Outrigger	2
4	651-00464	Decal - Front Outrigger Switch	1



REF	PART NO.	DESCRIPTION	QTY
	400-25211 (Rev E)	*Electrical Assembly Console*	
1	400 25195	Harness Console BT-2	1
2	1223-1081	SW Rocker MOM ON-OFF	2
3	1223-1051	SW Rocker DPDT	2
4	1223-981	SW Push-Pull	2
5	1223-387	Horn	1
6	220-01047-13	HHCS 5/16-18 X 1 GR5 Zinc	1
7	222-00025-7	Flat Washer 5/16 Zinc	1
8	221-00032-2	Nylon Lock Nut 5/16-18 NE Zinc	1
9	220-00067-9	Screw, 2-56 X 5/8	2
10	400-05509	Bussmann Fuse Box	1
11	220-00072-23	HHCS 10-24 X 1.5 GR5 Zinc	4
12	220-00025-4	Flat Washer #10 Zinc	8
13	221-00035-9	10-24 Machine Nut	4
14	1223-1006	Hole Plug SW	6
15	222-00028-7	#10 Lock Washer	4
16	221-00032-22	Nut, 2-56 NYLOC	2



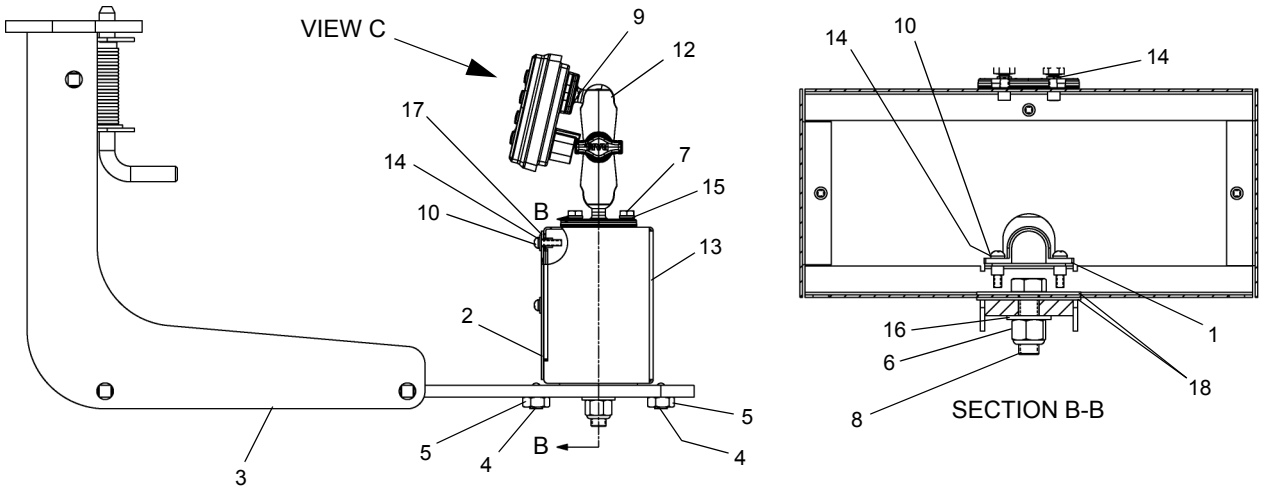
SEE PAGE 33.3

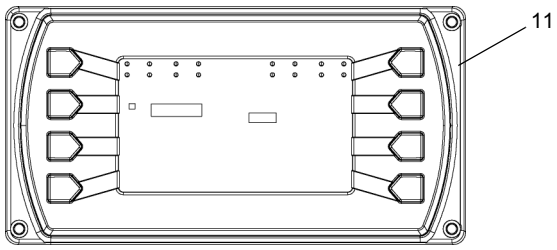
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 33.2

REF	PART NO.	DESCRIPTION	QTY
	400-25213 (Rev G)	*Electrical Assembly Main FRM*	
1	400-25193	Outrigger Harness	1
2	400-25199	Harness Main Valve	1
3	718-0802	Greer Box	REF
4	570-50096	Tee, Branch Swivel	1
5	1219-134	Coupling, P. Brake Assembly	1
6	1223-379	Air Switch	1
7*	1223-547	Air Switch, PTO	1
8	T122074	Assembly Outrigger CTL Box	1
9	201-00264	Rigid Plastic Strape	1
10	220-00073-11	RHMS #10-32 X 0.75 PH Head	2
11	400-01530	Cable Assembly (Ground)	1

* ITEM 7 IS NOT SHOWN IN THE ILLUSTRATION

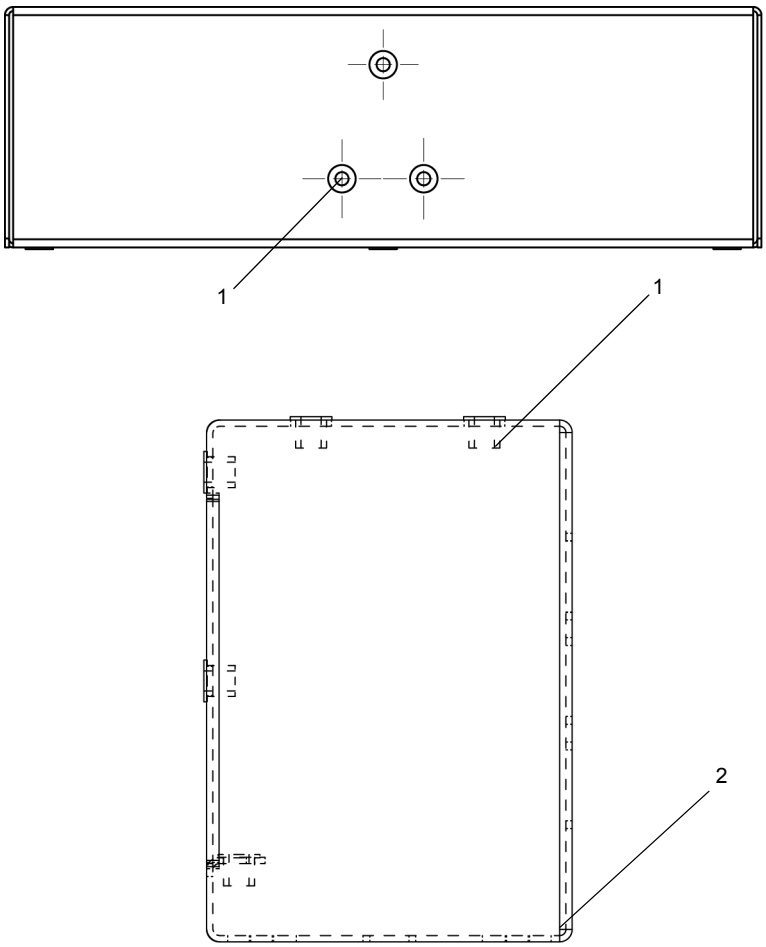




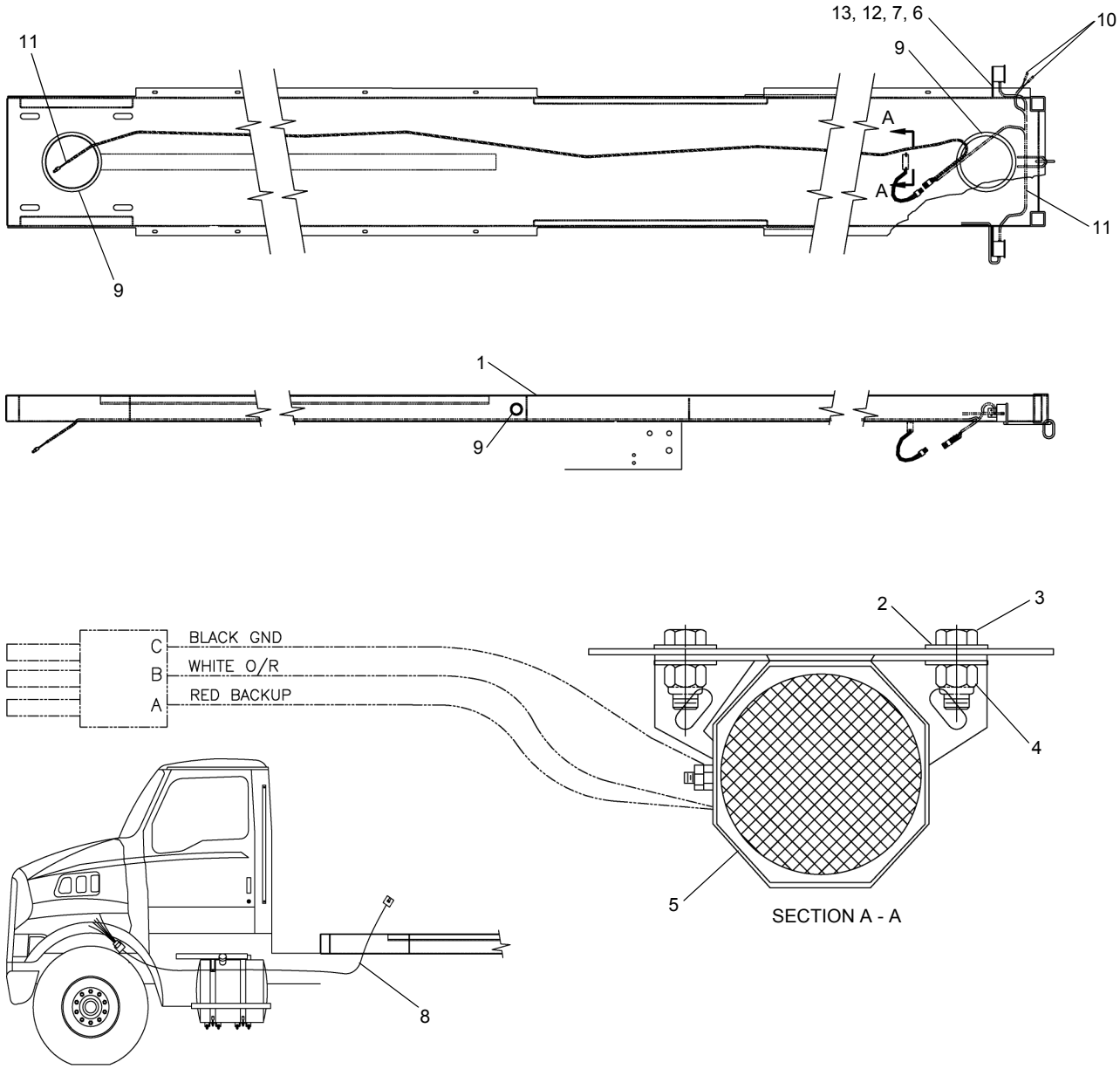
VIEW C

695-10021 (Rev B) *Switch Box ASSY, Outriggers*

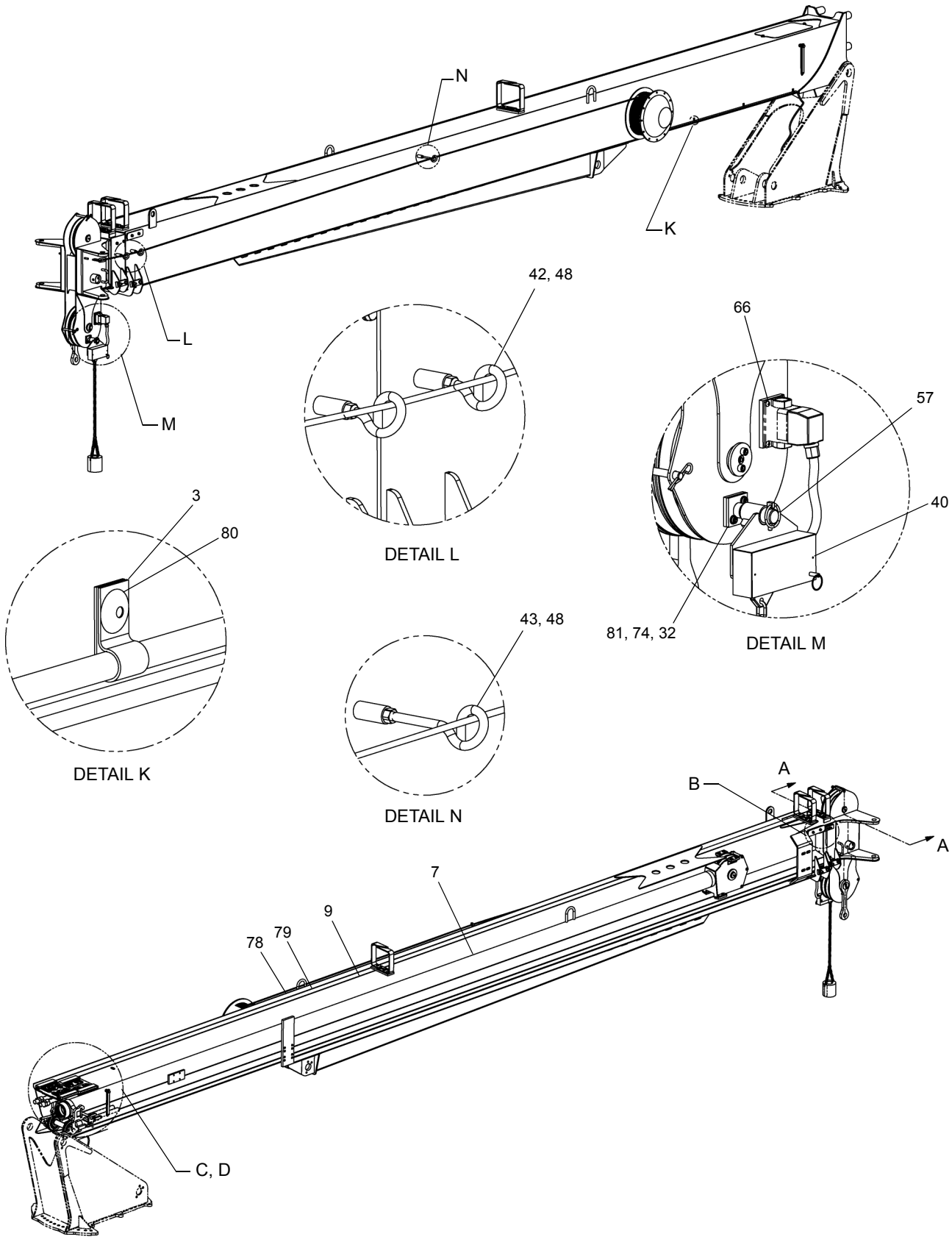
REF	PART NO.	DESCRIPTION	QTY
1	201-00264	Strap, Rigid Plastic	1
2	402-00047	Cover, Switch Box, Outrigger	1
3	770-02822	Swing Arm Weldment	1
4	870-00173-5	Ball, Spring Plunger	2
5	N05-500C000-25	Nut, HEX Jam 0.50-13, ST Z GR5	2
6	NYL-500C000-25	Nut, HEX NYL-INS 0.50-13, ST Z G5	1
7	SHF-250C625-25	SCR, HHCS FT 0.25-20X0.625, STZ G5	3
8	SHF-500CA50-25	SCR, HHCS FT 0.50-13X1.50, ST Z G5	1
9	SL5-164C500-20	SCR, CR RND MS 8-32X0.500, ST Z	2
10	SL5-190C750-20	SCR, CREC RND MS 10-24X0.75, ST Z	5
11	T117745	Display, Greer Insight (Ref Page 52.1)	1
12	T119215	Ram Mount, Greer Insight Display	1
13	T127381	Switch Box INSTL, Outrigger	1
14	W07-190X000-20	WSH, LCK, MED SPLT 10, ST Z	8
15	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	3
16	WAN-50NX000-20	WSH, FL TYPA-NRW 0.50, ST Z	1
17	WAR-190X000-22	WSH, FL TYPA-REG 10, ST Z	3
18	WFD-500XB50-20	WSH, FNDR 0.50X2.50, ST Z	2



REF	PART NO.	DESCRIPTION	QTY
	T127381 (Rev A)	*Switch Box INSTL, Outrigger*	
1	T11-190C000-CD	Thread-SERT 10-24, ST CAD	8
2	T127402	Switch Box, Outrigger	1

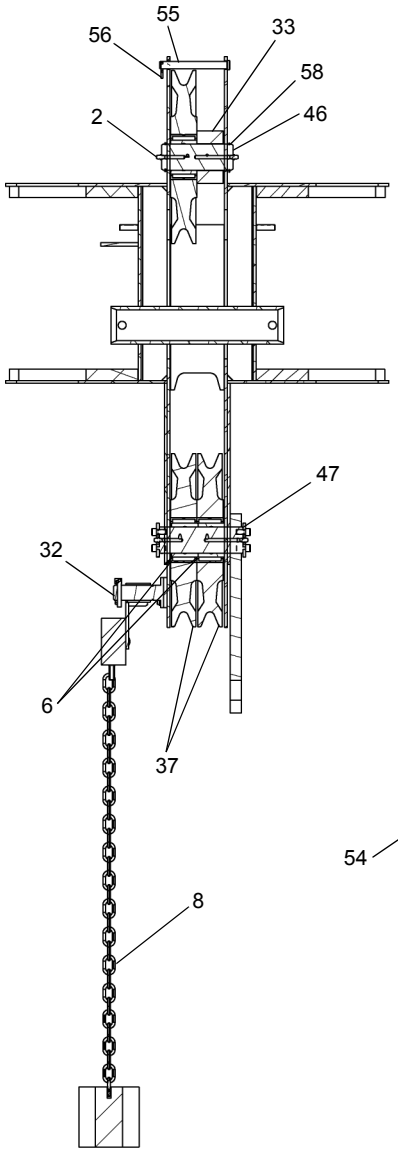


REF	PART NO.	DESCRIPTION	QTY
	400-25214 (Rev B)	*Assembly Subframe ELEC*	
1	Boom Trucks	Subframe Weldment	REF
2	220-00003	Bolt, HEX HD 1/4 NC x 3/4 LG.	2
3	222-00006	Flatwasher 1/4	2
4	221-90001	Lock Nut, 1/4-20 UNC PLT	2
5	714A1432	Horn Assembly, ECCO #DF532	1
6	221-01001	HEX Nut, 5/16-18 NC Zinc PLT	4
7	222-11002	Lockwasher, 5/16 Zinc PLT	4
8	400-02463	Harness, Main	1
9	209-00174	Seal Trim	10FT
10	400-02230	Terminal-Butt Connection 16/14 GA	2
11	400-25210	Wire Harness, Tail Light - Alarm - O/R	1
12	222-01001	Flatwasher 5/16 Zinc PLT	8
13	220-01003	HHCS, 5/16-18 NC x 1.25 GR5 Zinc	4

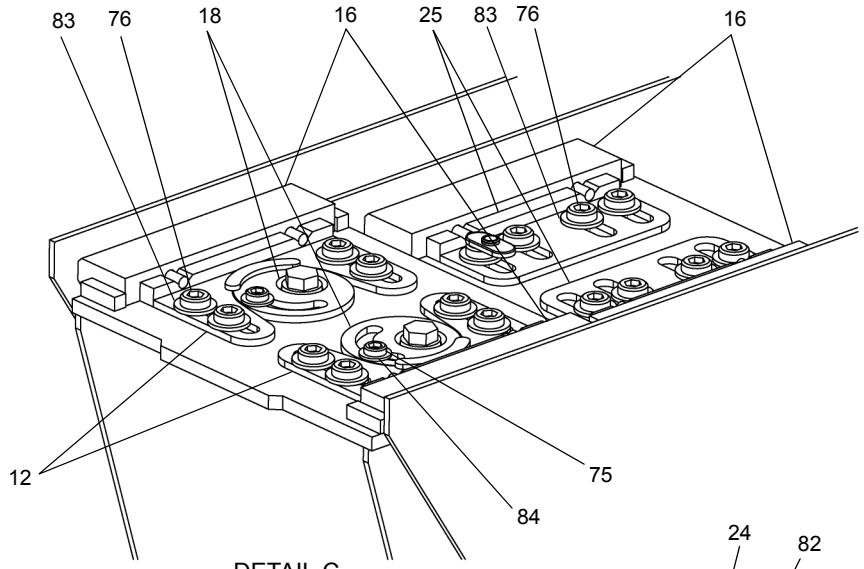


SEE PAGES 39.4 & 39.5

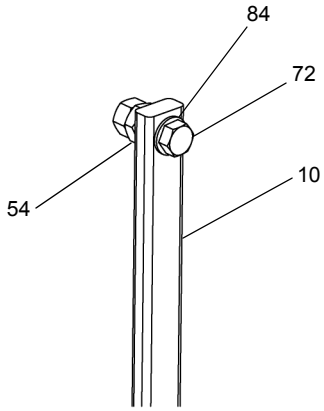
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

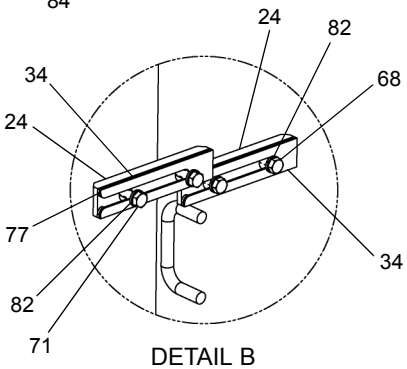


SECTION A - A

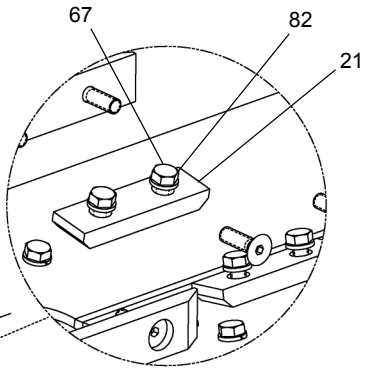


DETAIL C

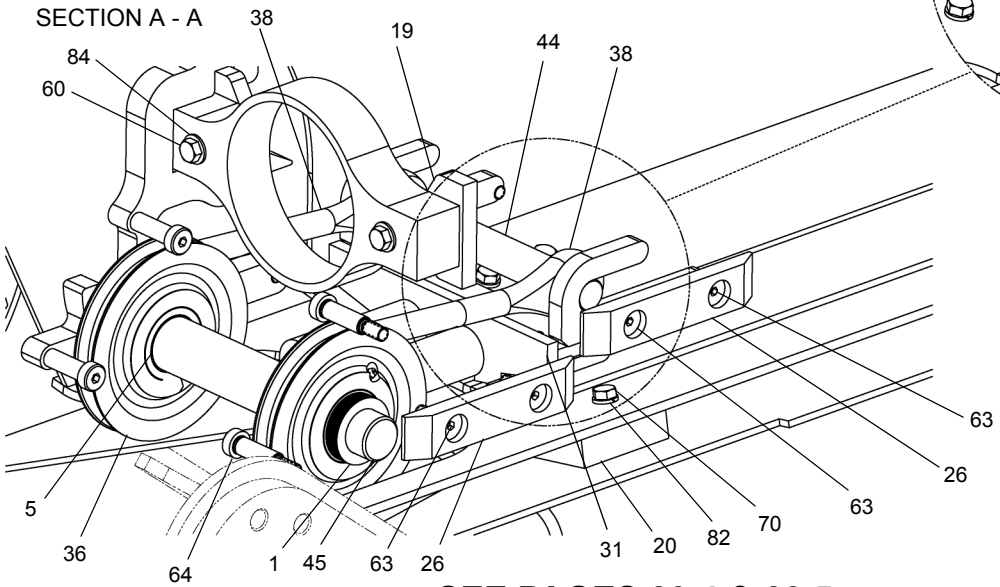




DETAIL B



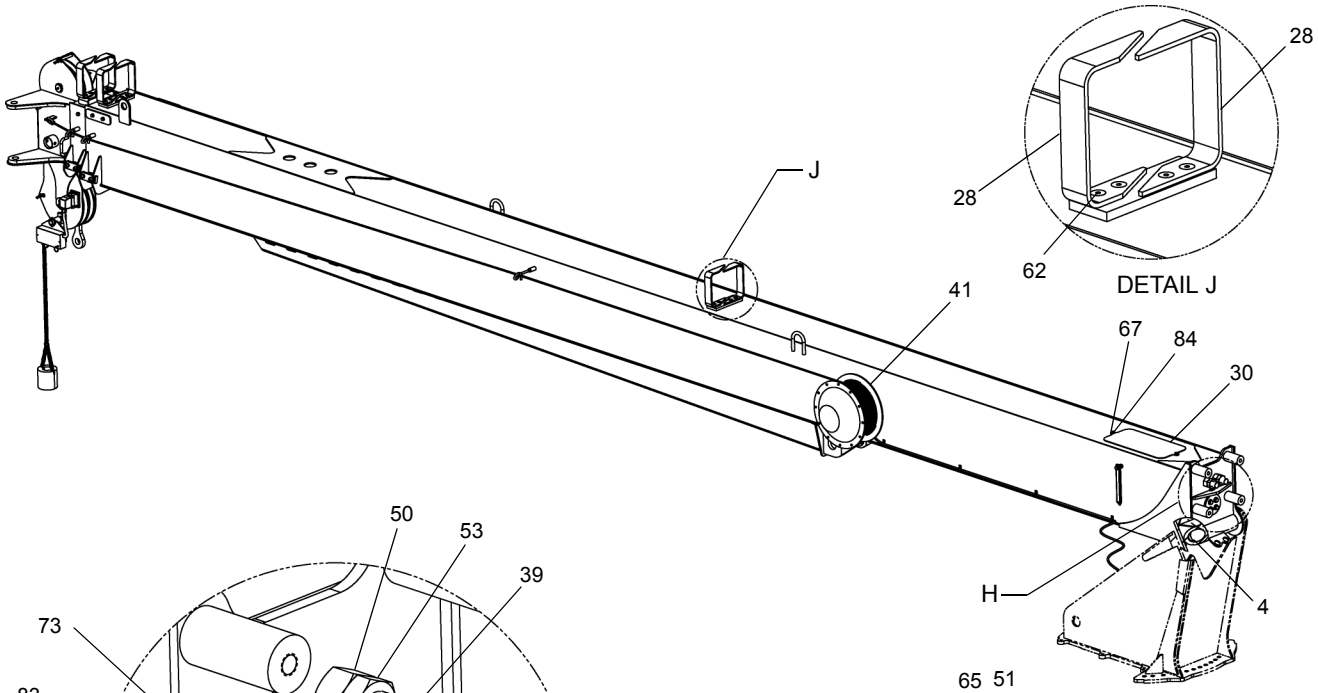
DETAIL E



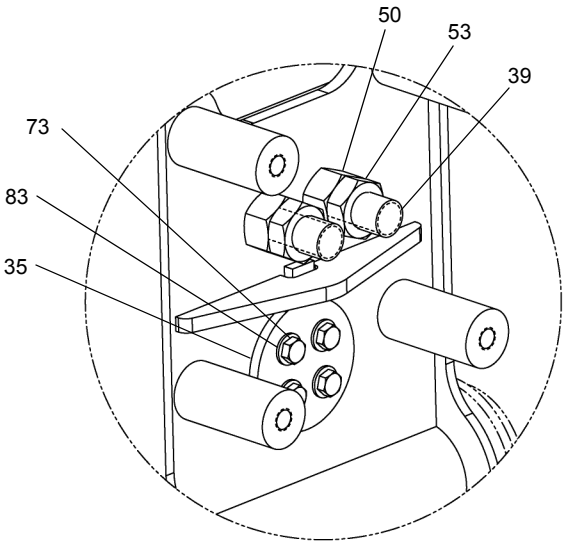
VIEW D

SEE PAGES 39.4 & 39.5

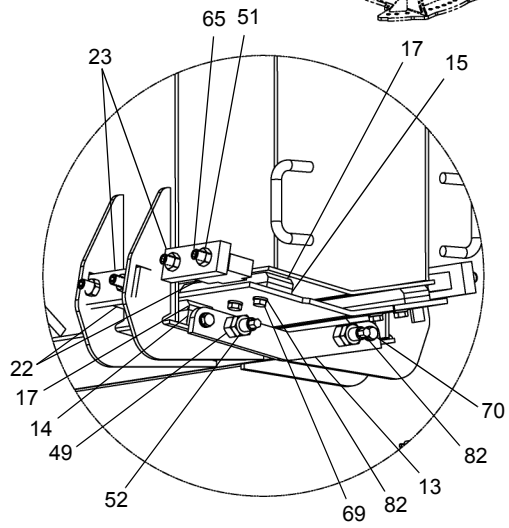
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



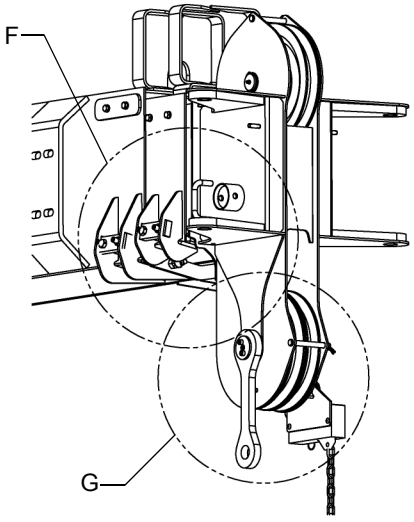
DETAIL J

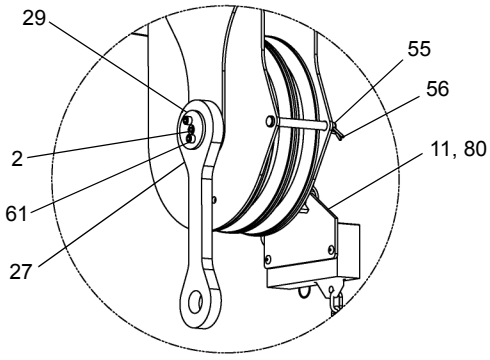


DETAIL H



DETAIL F





DETAIL G

SEE PAGES 39.4 & 39.5

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

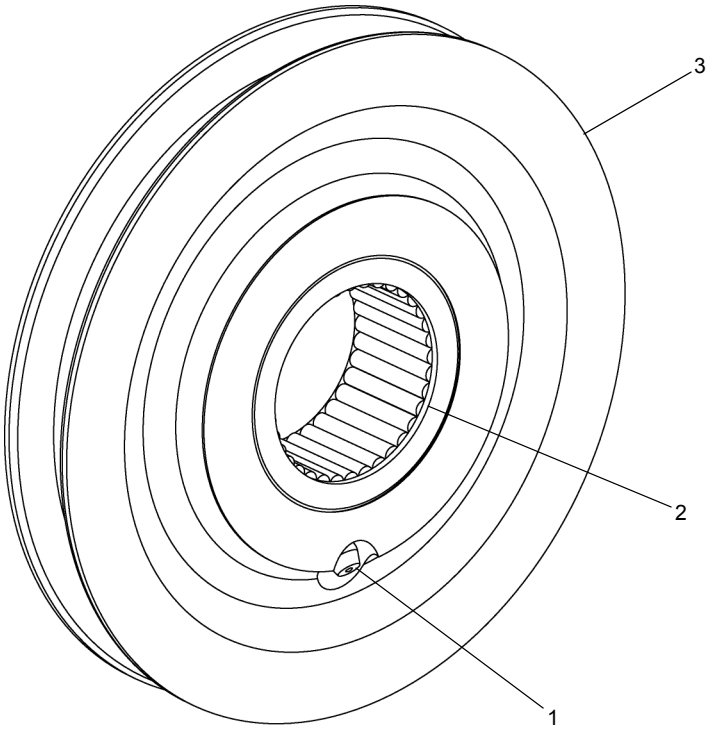
SEE PAGES 39.1, 39.2, 39.3 & 39.5

REF	PART NO.	DESCRIPTION	QTY
	T120656 (Rev G)	*Boom Assembly, 70FT*	
1	1208-28	Shim, Round 1.25X1.875X0.048, ST Z	18
2	1213-7	Grease FTG, Zerk, 0.25-28 STR	4
3	201-00141	Clamp 0.25 DIA	4
4	271-17004	Bearing 2.25 SHFTX2.25, Teflon	2
5	274-20004	Bearing, Inner Race, 1.25 Shaft	2
6	274-30004	Bearing, Inner Race, 1.75 Shaft	3
7	548-00059	Cylinder ASSY, Boom Extend	1
8	717 0882	Counterweight, W/Chain	1
9	722-01361	Boom Weldment, SECT 3	1
10	729-02578	Pointer	2
11	729-02729	Bracket Weldment, LMI-ATB Switch	1
12	729-02829	Retainer Weldment, Wear Pad	2
13	729-02832	Anchor, Retract Rope	1
14	729-02833	Bar, 7.00X1.50X0.75	2
15	729-02834	Plate, 7.00X1.50X0.25	2
16	729-02836	Wear Pad 7.00X1.75X0.75	4
17	729-02838	Wear Pad 7.00X1.75X0.62	4
18	729-02842	Eccentric Weldment	2
19	729-02855	Retain Key, Extend CYL	2
20	729-02856	Wear Pad 3.00X3.00X1.125	2
21	729-02857	Wear Pad 4.00X1.125X0.50	2
22	729-02860	Wear Pad, Cast Iron	4
23	729-02861	Plate, 4.38X1.50X0.625	4
24	729-02862	Wear Pad 6.00X1.25X0.50	4
25	729-02864	Retainer Weldment, Top Wear Pad	2
26	729-02872	Wear Pad 6.00X1.25X0.50	4
27	729-02874	Key Plate, Winch Rope End	1
28	729-02875	Guide, Winch Cable	6
29	729-02885	Plate, Round 2.25X0.188	2
30	729-02888	Cover Plate, Boom Base	1
31	770-02794	Plate Weldment, Rope Anchor	1
32	774-00054	Adapter Bracket, ATB SW	1
33	782-01735	Spacer, CYL 1.781X3.50X1.75	1
34	787-00329	Shim 6.00X1.25X0.048	12
35	789-05806	Cap Plate, Extend CYL	1
36	860-10009	Sheave ASSY, Boom Retract	2
37	860-40050	Sheave ASSY	3
38	861-13026	Wire Rope ASSY, 0.3125X331.00	4
39	861-17054	Wire Rope ASSY, 0.625X576.50	4
40	861-90434	ATB Switch, HVY Duty	1
41	861-90532	Reel ASSY, Greer	1
42	865-00029	Cable Guide, 1.00 DIA	2
43	865-00030	Cable Guide, 1.00 DIA	1
44	870-20267	Shaft, Retract 1.00X8.63	1
45	870-30231	Shaft, Sheave 1.50X10.375	1
46	870-50106	Pin, Sheave 1.747X4.748	1
47	870-50107	Pin, Sheave 1.747X5.56	1
48	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	3
49	N04-625C000-Y8	Nut, HEX 0.625-11, ST YZ GR8	2
50	N04-A25C000-Y8	Nut, HEX 1.25-7, ST YZ GR8	2
51	N05-500C000-Y8	Nut, HEX JAM 0.50-13, ST YZ GR8	8
52	N05-625C000-Y8	Nut, HEX JAM 0.625-11, ST YZ GR8	2
53	N05-A25C000-Y8	Nut, HEX JAM 1.25-7, ST YZ GR8	2
54	N13-438C000-2A	Nut, HEX JAM HVY 0.438-14, ST Z GA	2
55	P01-500XD50-20	Pin, CLEVIS 0.50X4.50, ST Z	2
56	PHP-125XB62-20	Pin, CTRHAIR 0.125X2.62X0.48, ST Z	2
57	PLP-250XA56-20	Pin, LYNCH 0.25X1.562, ST Z	1
58	REX-A75X062-BP	Ring, EXTSNP 1.75X0.062, ST BPH	2
59*	S01-375CA37-Y8	SCR, HHCS 0.375-16X1.375, ST YZ G8	4

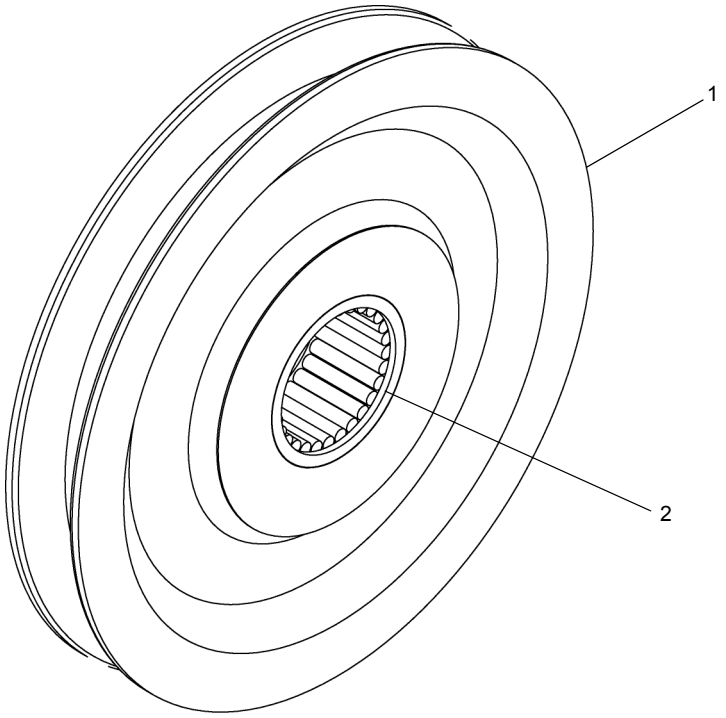
SEE PAGES 39.1, 39.2, 39.3 & 39.4

REF	PART NO.	DESCRIPTION	QTY
	T120656 (Rev G)	*Boom Assembly, 70FT (Contd..)*	
60	S01-375CB25-Y8	SCR, HHCS 0.375-16X2.25, ST YZ GR8	2
61	S14-312C625-H2	SCR, SHCS 0.3125-18X0.625, ST Z	4
62	S16-375C500-BX	SCR, FHSHCS 0.375-16X0.50, ST BKOX	12
63	S16-375CA00-BX	SCR, FHSHCS 0.375-16X1.00, ST BKOX	8
64	S20-500CA50-HP	SCR, SHSS 0.50X1.50, STL	4
65	S32-500CB25-20	SCR, SSS CPT 0.50-13X2.25, ST Z	8
66	SD1-190C375-20	SCR, CREC RND MS 10-24X0.375, ST Z	4
67	SHF-375C625-25	SCR, HHCS FT 0.375-16X0.625, ST Z G5	6
68	SHF-375C750-Y8	SCR, HHCS FT 0.375-16X0.75, ST YZ G8	4
69	SHF-375C875-Y8	SCR, HHCS FT 0.375-16X0.88, ST YZ G8	4
70	SHF-375CA00-25	SCR, HHCS FT 0.375-16X1.00, ST Z G5	9
71	SHF-375CA00-Y8	SCR, HHCS FT 0.375-16X1.00, ST YZ G8	4
72	SHF-438CA25-25	SCR, HHCS FT 0.438-14X1.25, ST Z G5	2
73	SHF-500CA25-Y8	SCR, HHCS FT 0.50-13X1.25, ST YZ G8	4
74	SLH-312C625-BX	SCR, LHSHCS 0.312-18X0.625, ST BX	2
75	SLH-375C625-BX	SCR, LHSHCS 0.375-16X0.625, ST BX	2
76	SLH-500C750-BX	SCR, LHSHCS 0.50-13X0.75, ST BKOX	16
77	T120176	Wear Pad Shim 0.105 THK	8
78	T120620	Boom Weldment, SECT 1	1
79	T128176	Boom Weldment, SECT 2	1
80	VBB-250X625-L5	RVT, BTNHD, BLND 0.250X0.625, AL	6
81	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST Z	2
82	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	29
83	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	20
84	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST Z	11

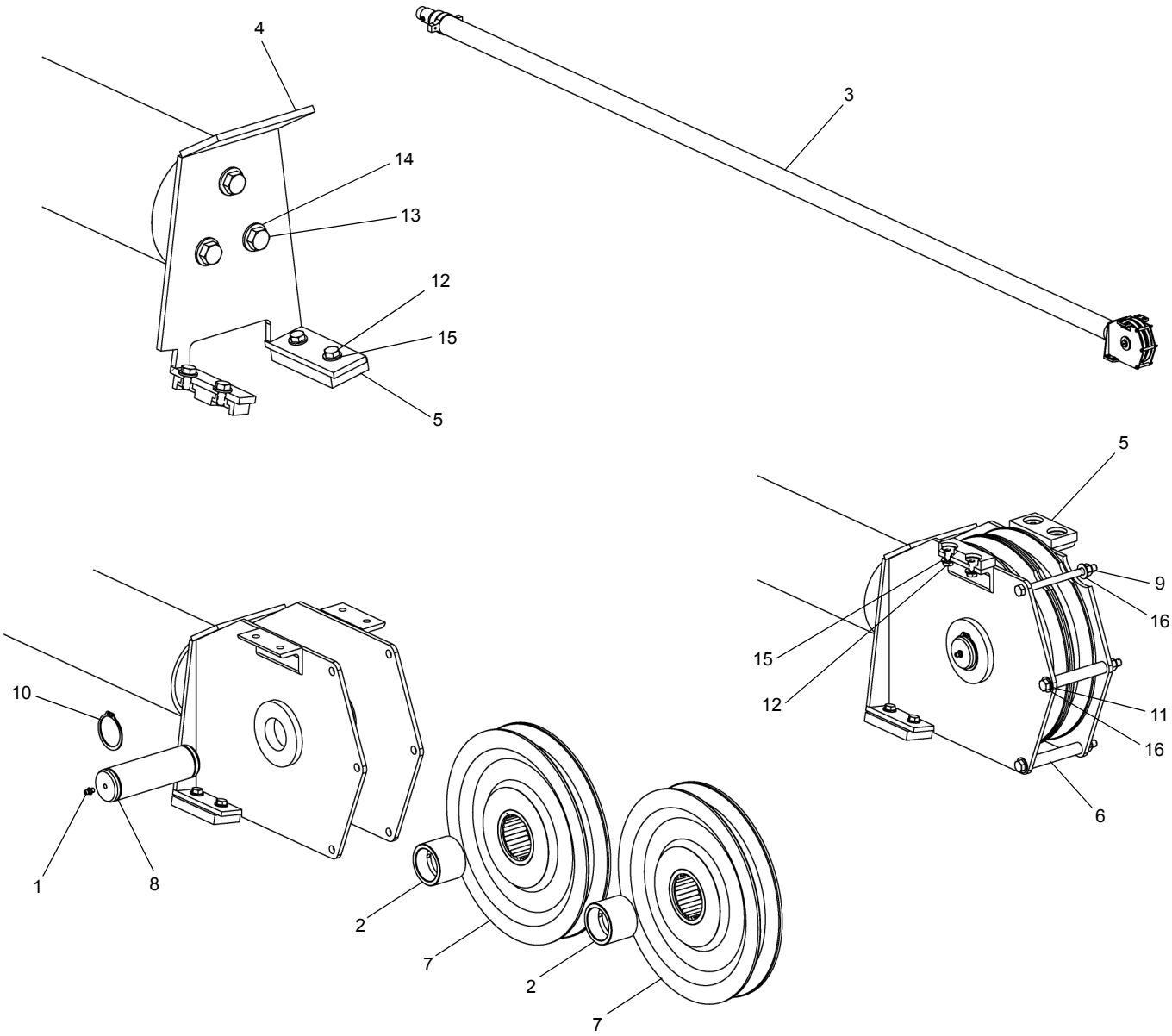
* ITEM 59 IS NOT SHOWN IN THE ILLUSTRATION



REF	PART NO.	DESCRIPTION	QTY
	860-10009 (Rev C)	*Sheave Assembly, Boom Retract*	
1	1213-07	Grease FTG, Zerk, 0.25-28 STR	1
2	273-10007	Roller BRG Outer Race	1
3	860-10010	Sheave 5.50 ODX7.50	1

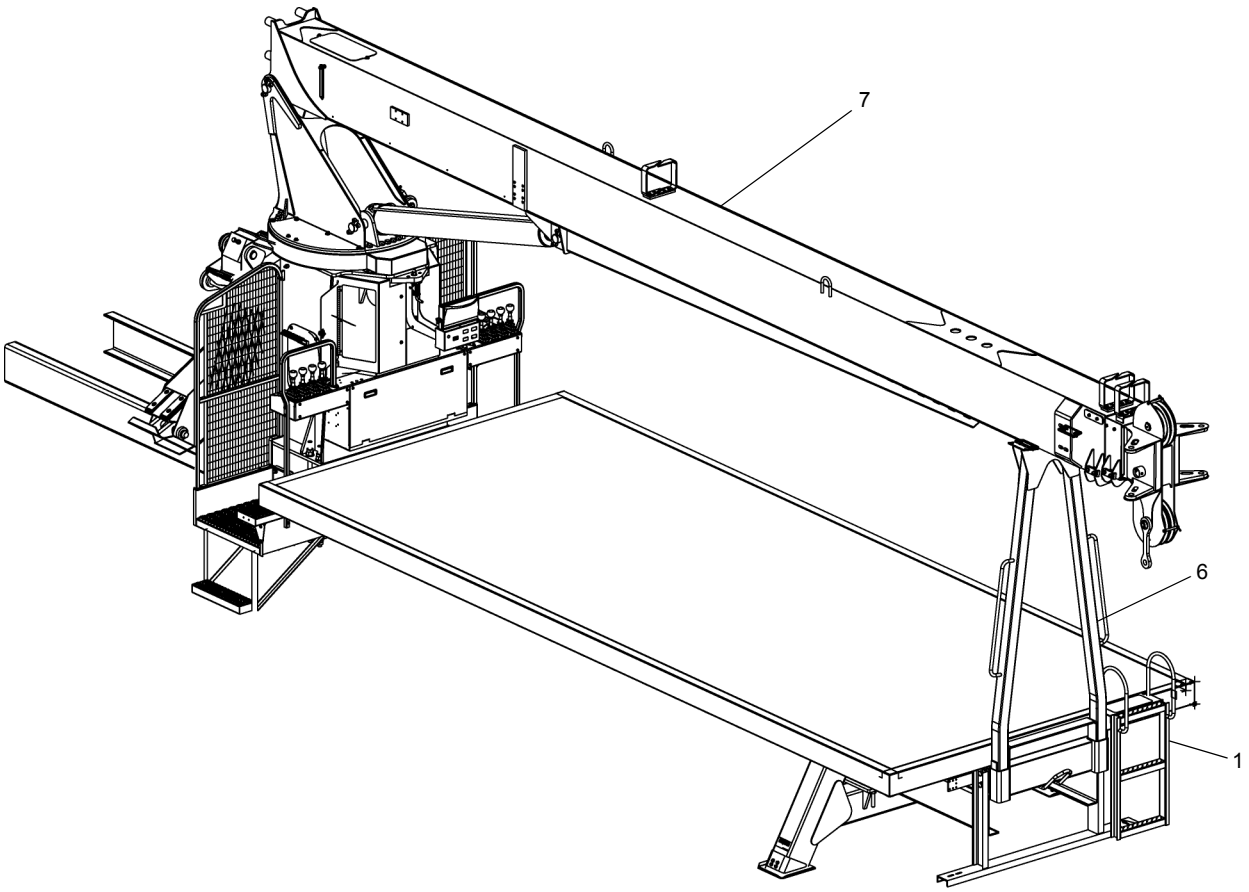


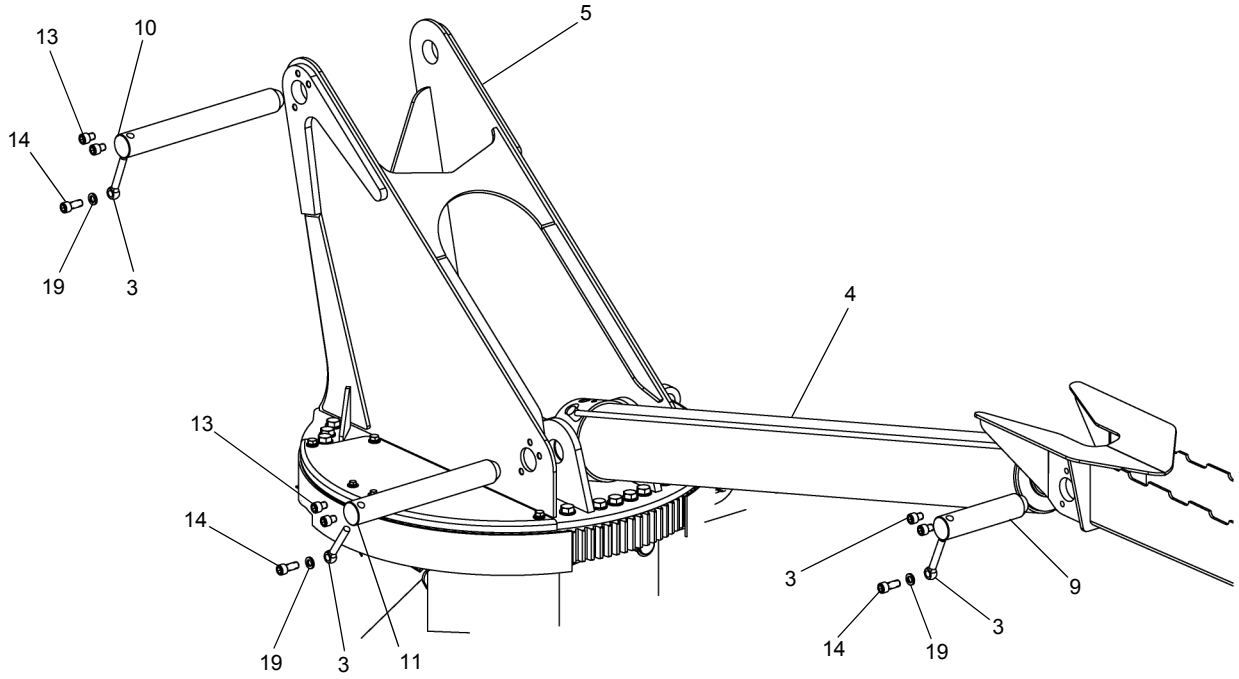
REF	PART NO.	DESCRIPTION	QTY
	860-40050 (Rev B)	*Sheave Assembly - 9/16 Rope*	
1	860-40051	Load Sheave	1
2	273-50002	Roller Bearing Outer Race (MCGILL MR-36)	1



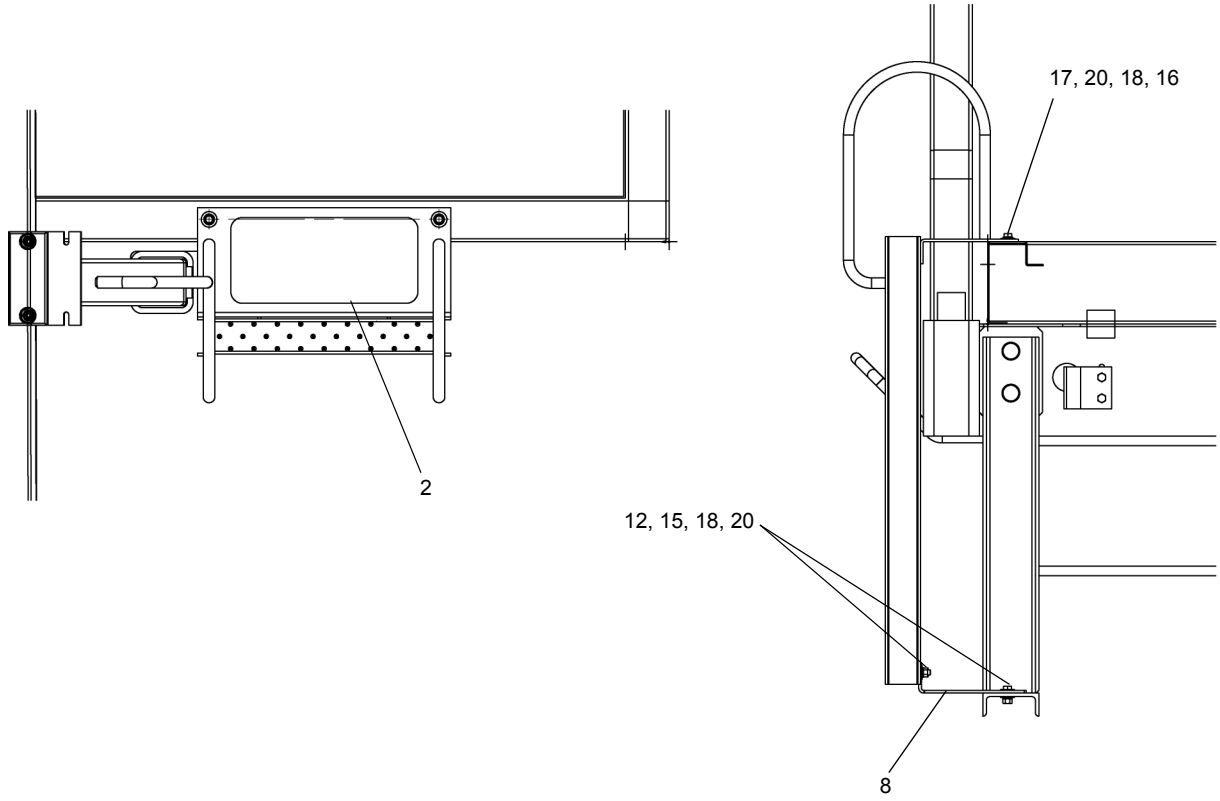
REF	PART NO.	DESCRIPTION	QTY
	548-00059 (Rev B)	*Cylinder ASSY, Boom Extend*	
1	1213-07	Grease FTG, Zerk, 0.25-28 STR	2
2	274-30004	Bearing, Inner Race, 1.75 Shaft	2
3	540-50044	Cylinder, HYD 3.75 Bore X 256.00	1
4	722-01372	Bracket Weldment, Sheave	1
5	729-02890	Wear Pad 3.50X1.75X0.50	4
6	782-01238	Spacer, CYL 0.45X0.625X3.563	3
7	860-40048	Sheave Assembly, 0.625 Rope	2
8	870-50059	Pin, Sheave 1.747X5.6875	1
9	NYL-375C000-25	Nut, HEX NYL-INS 0.375-16, ST Z G5	3
10	REX-A75X062-BP	Ring, EXTSNP 1.75X0.062, ST BPH	2
11	S01-375CE00-25	SCR, HHCS 0.375-16X5.00, ST Z GR5	3
12	SHF-312C625-25	SCR, HHCS FT 0.312-18X0.625, ST Z G5	8
13	SHF-500CA25-Y8	SCR, HHCS FT 0.50-13X1.25, ST YZ G8	3
14	WAH-50NX000-Y2	WSH, FL HRD A-NRW 0.50, ST YZ	3
15	WAN-31NX000-20	WSH, FL TYPA-NRW 0.3125, ST Z	8
16	WAN-37NX000-20	WSH, FL TYPA-NRW 0.375, ST Z	6

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



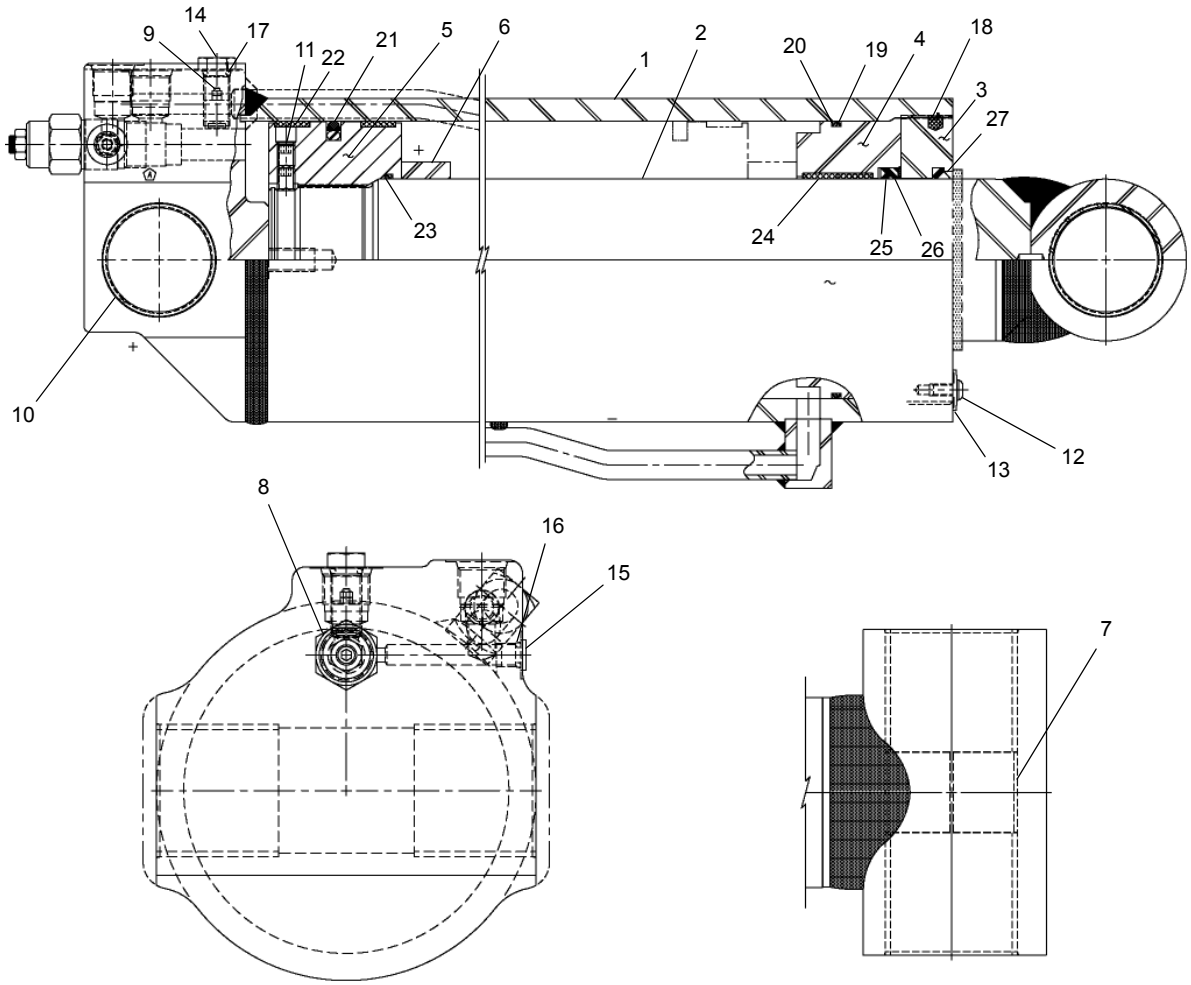


SEE PAGE 39.10



SEE PAGE 39.9

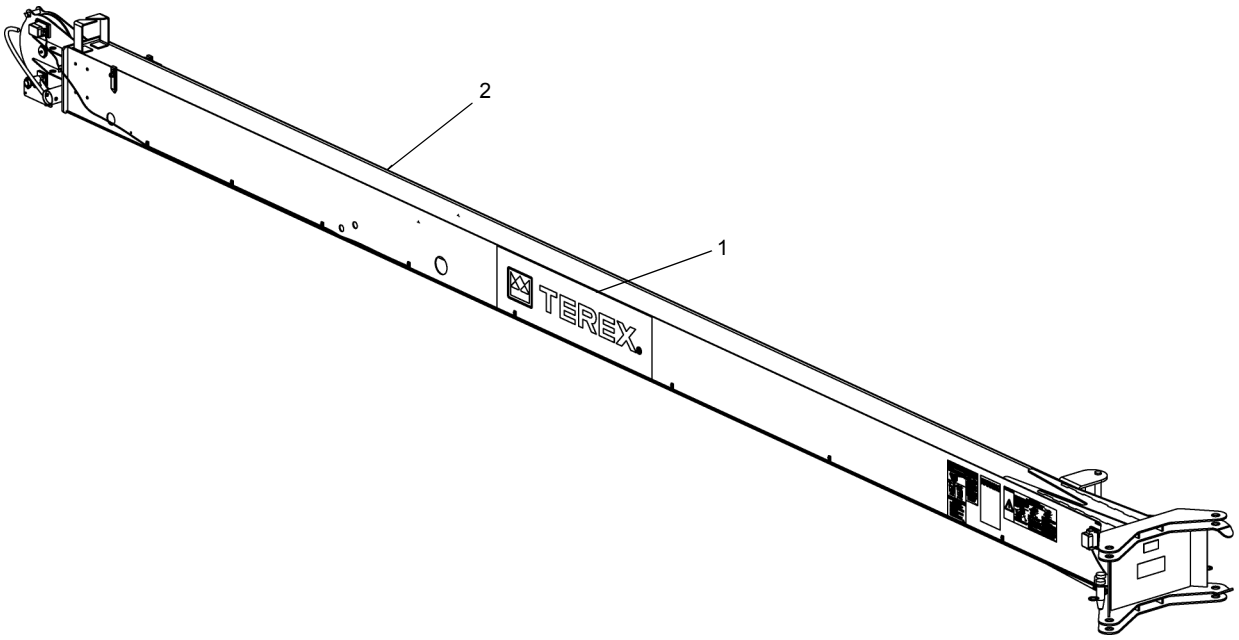
REF	PART NO.	DESCRIPTION	QTY
	695-10020 (Rev B)	*Structural Assembly, BT 3870*	
1	024-00009	Ladder Weldment	1
2	209-00871	Anti Slip Tape, Ladder	1
3	224-26005	Rod End 0.625X4.25	3
4	540-80096	Cylinder, HYD, Boom Hoist	1
5	695-10019	Truck Attach Main Assembly	REF
6	698-00065	Boom Rest Assembly	1
7	T120656	Boom Assembly, 70FT	REF
8	789-05812	Ladder SPT BRKT	1
9	870-70071	Pin, Boom Pivot 2.25X9.75	1
10	870-70072	Pin, Boom Pivot 2.25X18.625	1
11	870-70073	Pin, Boom Pivot 2.25X17.125	1
12	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	4
13	S14-625C750-H2	SCR, SHCS 0.625-11X0.75, ST Z	6
14	S14-625CA50-H2	SCR, SHCS 0.625-11X1.50, ST Z	3
15	SHF-375CA00-25	SCR, HHCS FT 0.375-16X1.00, STZ G5	4
16	SHF-375CA50-25	SCR, HHCS FT 0.375-16X1.50, STZ G5	2
17	T11-375C000-CD	Thread-Sert 0.375-16, ST CAD	2
18	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	6
19	W07-625X000-20	WSH, LCK, MED SPLT 0.625, ST Z	3
20	WBR-37RXA00-20	WSH, FL TYPB-REG 0.375, ST Z	10



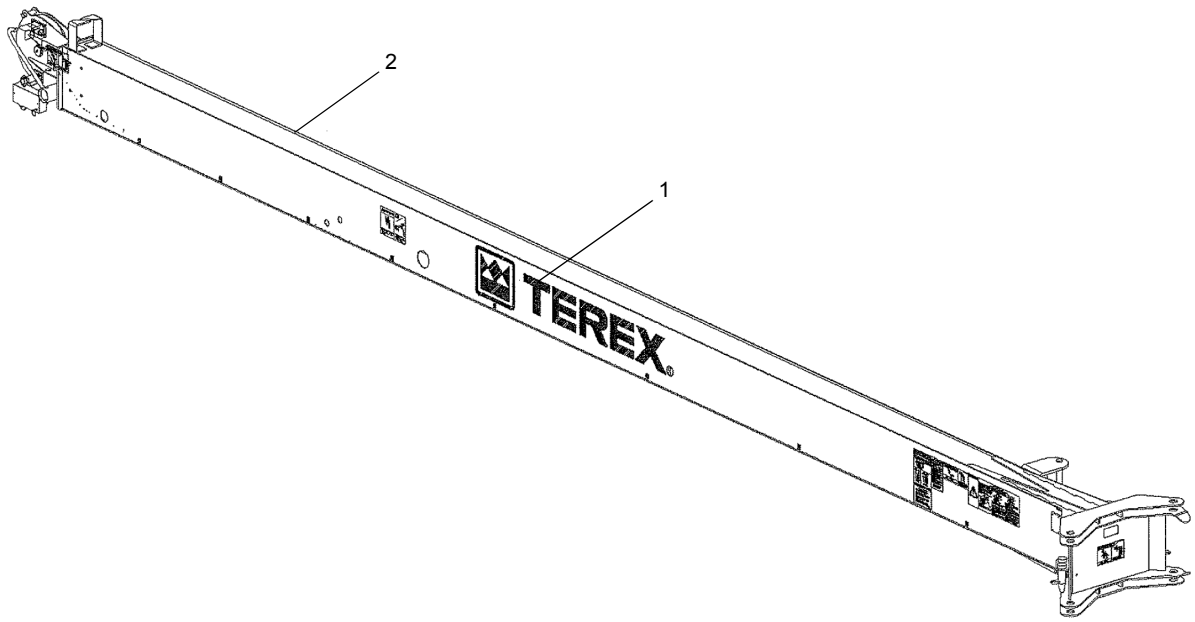
BOTTOM END VIEW

REF	PART NO.	DESCRIPTION	QTY
	540-80096.2	*Cylinder, Hydraulic, Boom Hoist*	
1	346-00807	Case Weld G 6.000 68.688L	1
2	346-00806	Rod Weld G 3.500 69.625L	1
3	346-00695	THRD Ring D 6.250-12 B 3.500	1
4	346-00696	Head D 6.000 3.500 2.250L STL	1
5	346-00805	Piston G 6.000 3.250 2.875L	1
6	346-00804	Spacer G 3.510 4.250 1.063L	1
7	346-00599	Bush Spacer G 2.245 2.375	1
8	552-00145	Valve CBAL CBEA-LHN 4000	1
9	346-00699	Valve VEL Fuse RBE-9/16-18SAE	1
10	271-17004	BUSH 2.250 2.438 2.250 FG	4
11	346-00734	SHSS .375-16 .500 CUP PT *	4
12	346-00701	BHCS .250-20 .500	1
13	346-00702	Lockwasher Dished .8750D .039T	1
14	346-00704	Plug SAE 6 .563-18 HH STL	1
15	346-00703	Plug SAE 4 .438-20 SH STL	1
16	PART OF 268-90201	Oring 904 .4950D 70N .072CS	1
17	PART OF 268-90201	Oring 906 .6240D 70N .078CS	1
18	PART OF 268-90201	Plug Nylon G .313D .250L	1
19	PART OF 268-90201	Backup 256 6.0000D .125CS HYT	1
20	PART OF 268-90201	Oring 256 6.0000D 70 N .125CS	1
21	PART OF 268-90201	Seal 6.000 5.173 .323 TFE GLYD	1
22	PART OF 268-90201	Wring 6.000 5.750 .750L SC	2
23	PART OF 268-90201	Oring 238 3.7500D 70N .125CS	1
24	PART OF 268-90201	Wring 3.750 3.500 .750 GF	2
25	PART OF 268-90201	UCUP 3.500R .250CS .375 DZ	1
26	PART OF 268-90201	UCB G 3.520 3.995 .063 NYT	1
27	PART OF 268-90201	Wiper 3.500R D 90PU	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

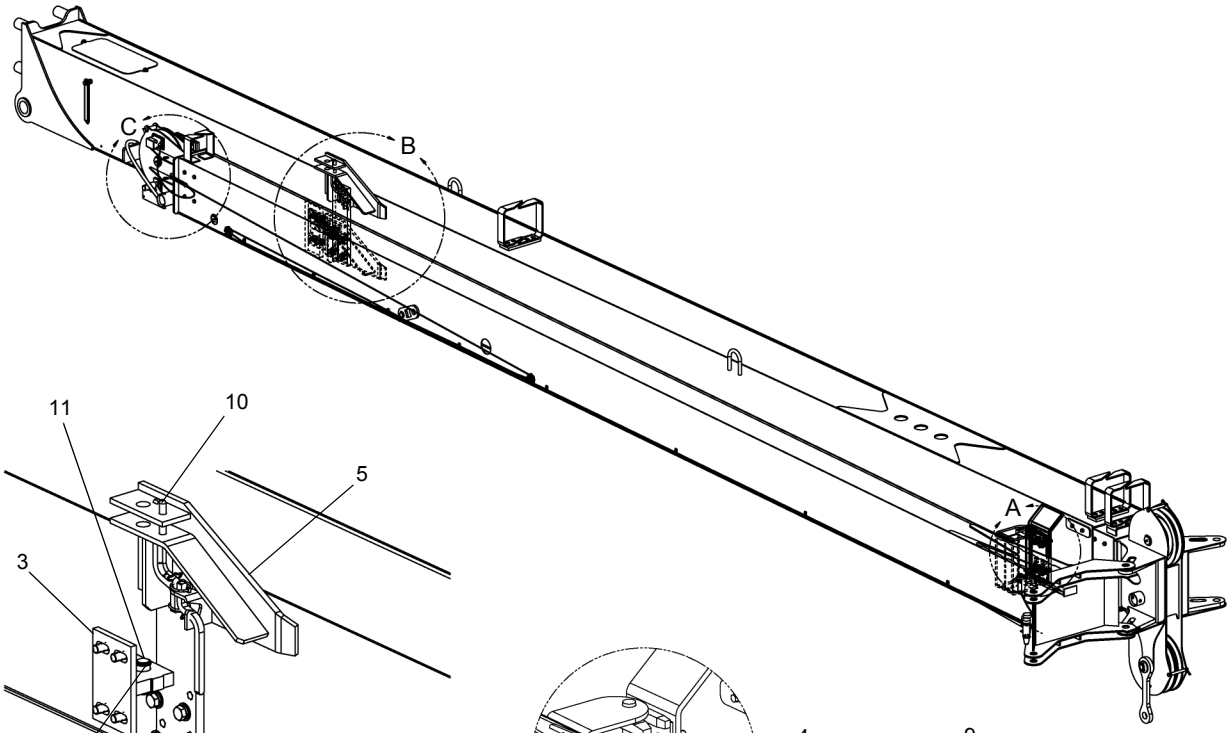


REF	PART NO.	DESCRIPTION	QTY
	730-51363 (Rev B)	*Jib Assembly, One Stage, Black Decal*	
1	655-00016	Decal INSTL, Jib - Black Terex	1
2	730-51354	Jib Assembly 24 FT-1 Stage	1

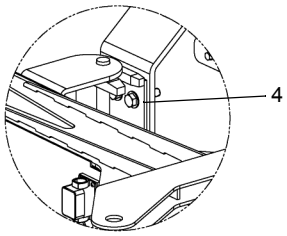


REF	PART NO.	DESCRIPTION	QTY
	730-51364 (Rev A)	*Jib Assembly, One Stage, White Decal*	
1	655-00017	Decal INSTL, Jib - White Terex	1
2	730-51354	Jib Assembly 24 FT-1 ST	1

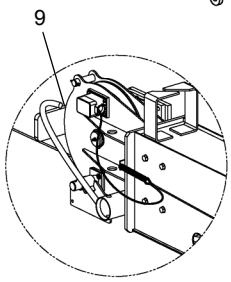
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



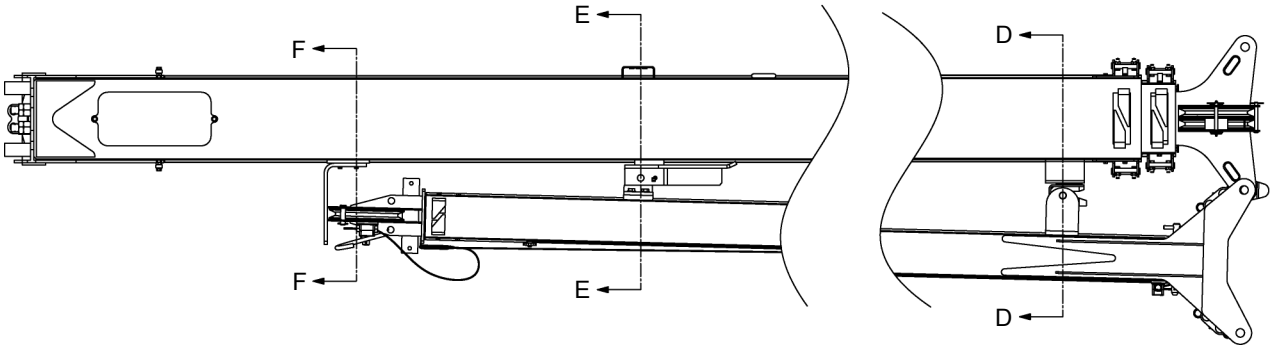
DETAIL B



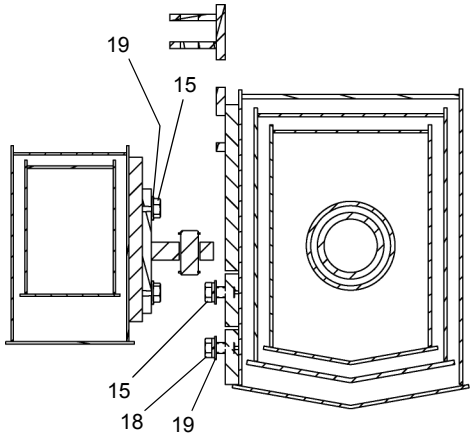
DETAIL A



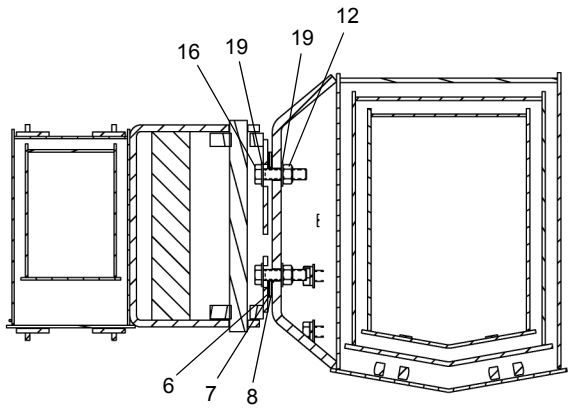
DETAIL C



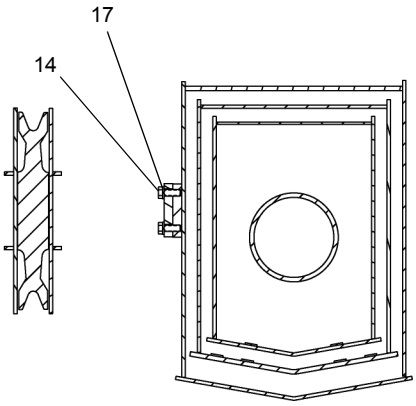
SEE PAGE 39A.3



SECTION E-E



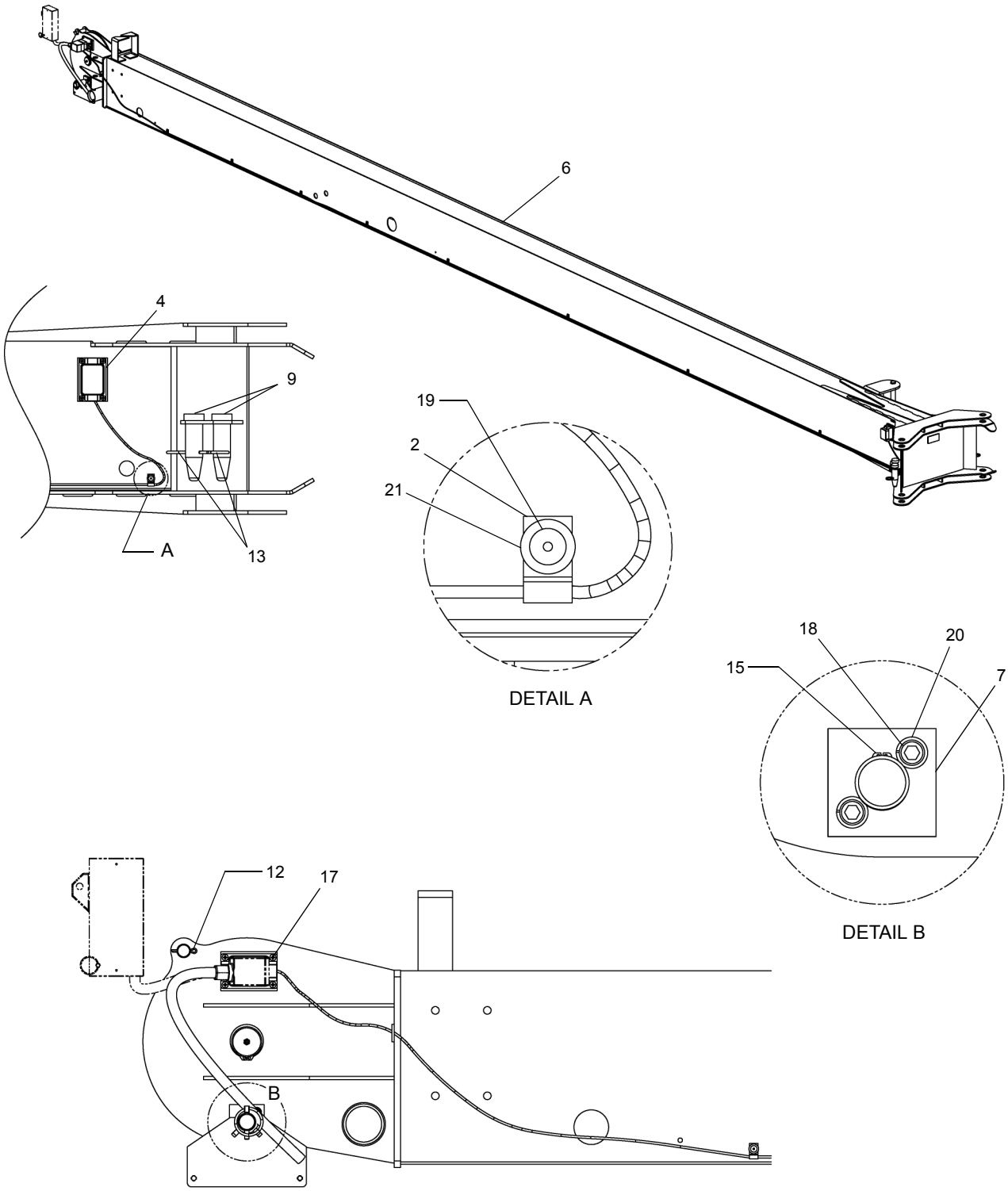
SECTION D-D



SECTION F-F

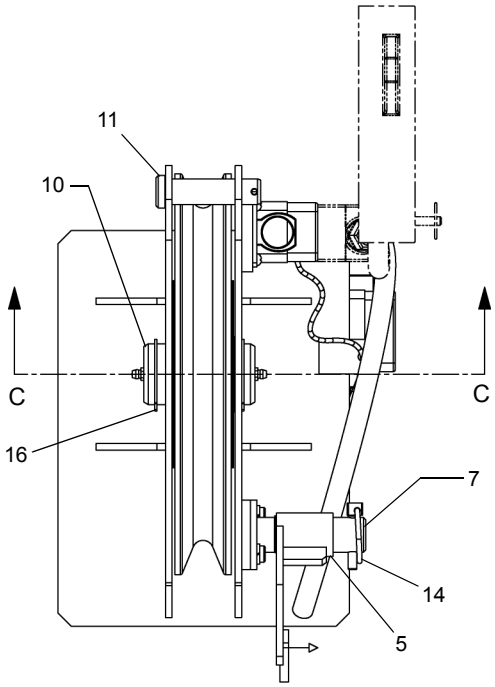
SEE PAGE 39A.2

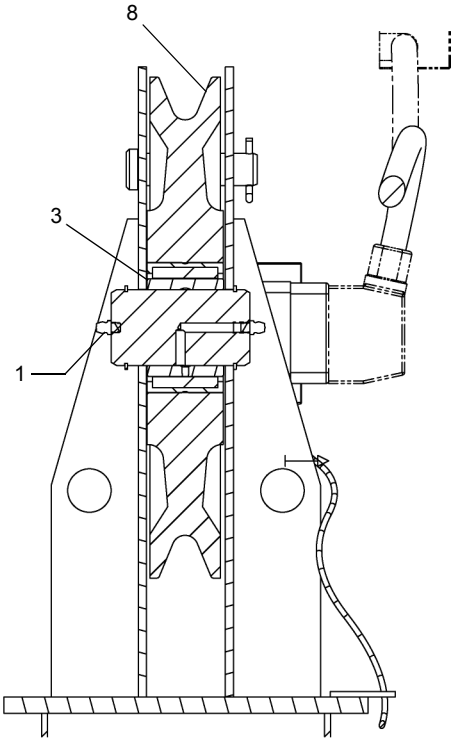
REF	PART NO.	DESCRIPTION	QTY
	730-51355 (Rev C)	*Jib Installation*	
1	T120656	Boom Assembly, 70FT	REF
2	730-51353	Jib Assembly 24-40 FT-2 ST	REF
	730-51354	Jib Assembly 24 FT - 1 ST	REF
3	770-01676	Bracket Weldment, Jib Stowage	1
4	770-01711	Bracket Weldment, Jib Stowage	1
5	770-01801	Bracket Weldment, Jib Stowage	1
6	787-00226	Shim 4.00X2.375X0.040, AL6061	2
7	787-00227	Shim 4.00X2.375X0.063, AL6061	2
8	787-00228	Shim 4.00X2.375X0.10, AL6061	2
9	789-05942	Safety Stop, Jib	1
10	870-00131	Pin Assembly, Jib Restrain	1
11	870-20243	Pin 1.00 X 2.48, Jib Stow	1
12	NTP-625C000-25	Nut, HEX TPLCK 0.625-11, ST Z GR5	4
13	REX-A00X078-BP	Ring, EXTSNP HVY 1.00X0.078, ST BP	2
14	SHF-375CA00-25	Screw, HHCS FT 0.375-16X1.00, STZ G5	4
15	SHF-625CA25-25	Screw, HHCS FT 0.625-11X1.25, STZ G5	8
16	SHF-625CB50-25	Screw, HHCS FT 0.625-11X2.50, STZ G5	4
17	W07-375X000-20	Washer, LCK, MED SPLT 0.375, ST Z	4
18	W07-625X000-20	Washer, LCK, MED SPLT 0.625, ST Z	4
19	WAN-62NX000-20	Washer, FL TYPA-NRW 0.625, ST Z	16



SEE PAGE 39A.5

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

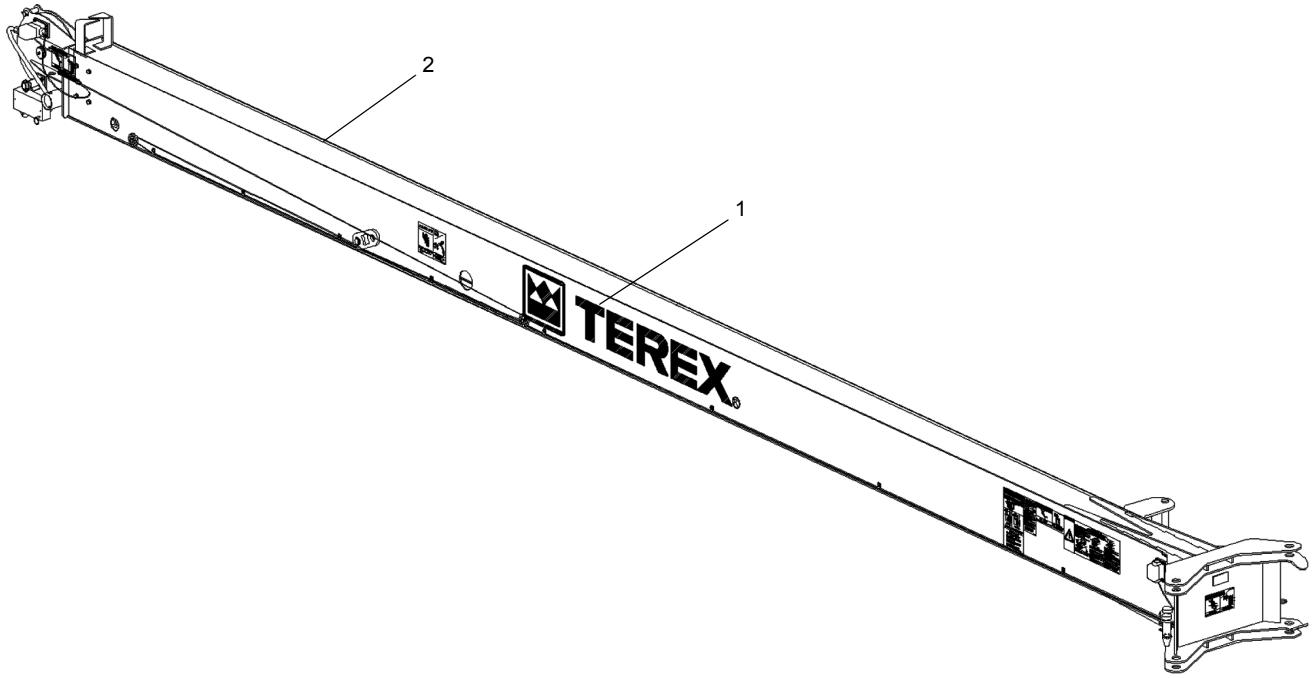




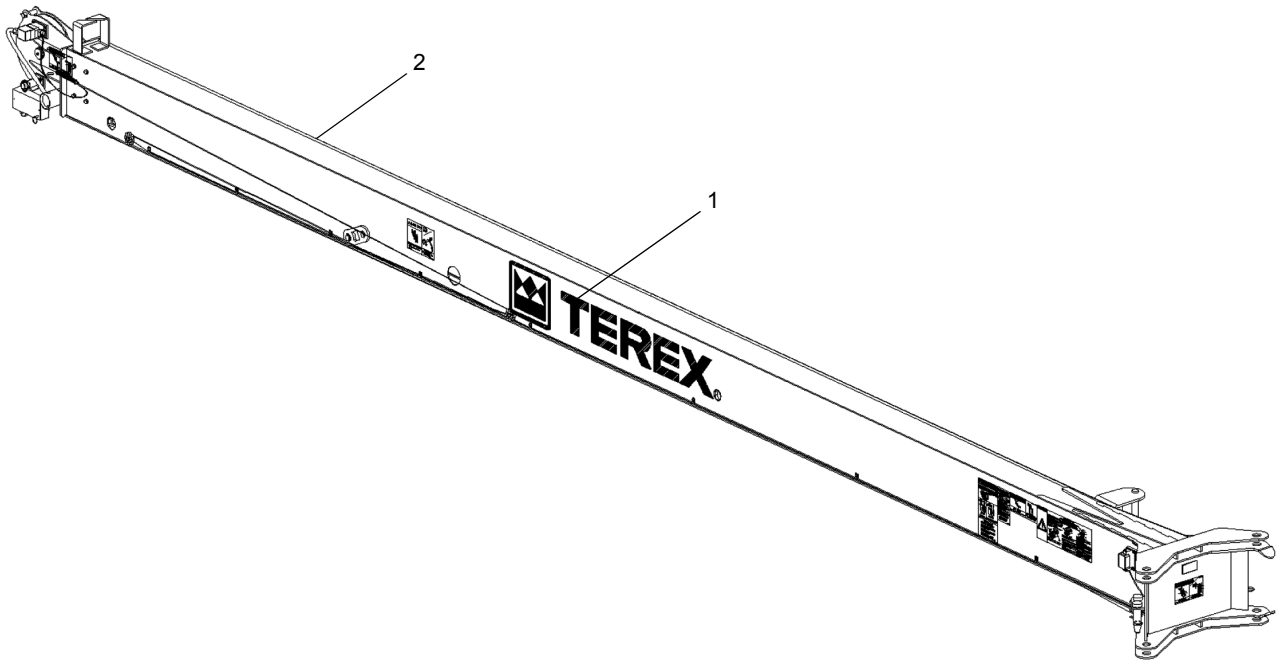
SECTION C-C

SEE PAGE 39A.4

REF	PART NO.	DESCRIPTION	QTY
	730-51354 (Rev F)	*Jib Assembly 24 FT-1 Stage*	
1	1213-7	Grease FTG, Zerk, 0.25-28 STR	2
2	201-00171	Clamp 0.125 DIA Tube	9
3	274-30004	Bearing, Inner Race, 1.75 Shaft	1
4	400-25212	LMI Harness ASSY-1 ST	1
5	729-02729	Bracket Weldment, LMI-ATB Switch	1
6	730-51359	Jib Base Weldment-1 Stage	1
7	774-00054	Adapter Bracket, ATB SW	1
8	860-40050	Sheave Assembly	1
9	870-30221	Pin 1.281 DIA, Jib INSTL	4
10	870-50058	Pin, Sheave 1.749 X 3.188	1
11	P01-750XB75-P0	Pin, Clevis 0.75X2.75, STL	1
12	P02-156XA00-20	Pin, Cotter 0.1562X1.00, ST Z	1
13	PHP-178XC75-20	Pin, CTRHAIR 0.178X3.75X1.03, ST Z	4
14	PLP-250XA56-20	Pin, LYNCH 0.25 X 1.562, ST Z	1
15	REX-875X042-BP	Ring, EXTSNP 0.875X0.042, ST BPH	1
16	REX-A75X062-BP	Ring, EXTSNP 1.75X0.062, ST BPH	2
17	SD1-190C375-20	SCR, CREC RND MS 10-24X0.375, ST Z	8
18	SLH-312C625-BX	SCR, LHSHCS 0.312-18X0.625, ST BX	2
19	VBB187X450-L5	RVT, BTNHD, BLND 0.187X0.45, AL	9
20	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST Z	2
21	WAR-216X000-22	WSH, FL TYPA-REG 12, ST Z	9

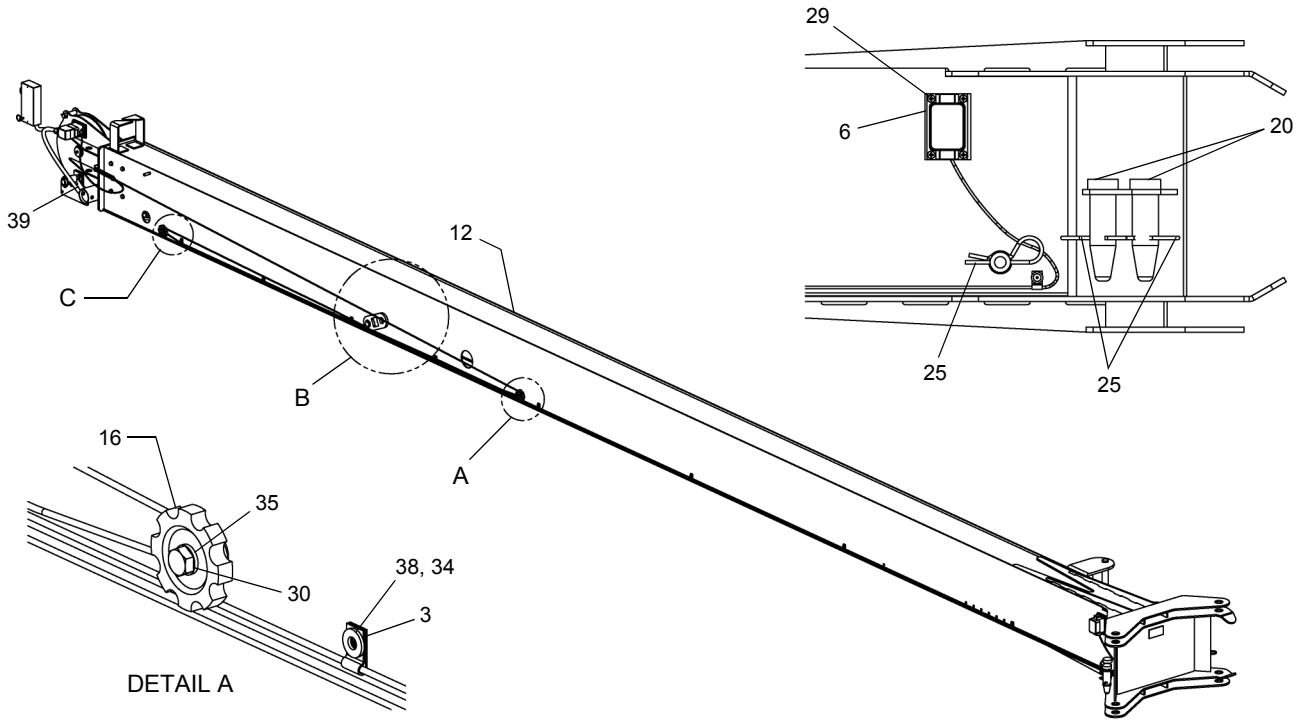


REF	PART NO.	DESCRIPTION	QTY
	730-51361 (Rev A)	*Jib Assembly, Two Stage, Black Decal*	
1	655-00016	Decal INSTL, Jib - Black Terex	1
2	730-51353	Jib Assembly 24-40 FT-2 ST	1

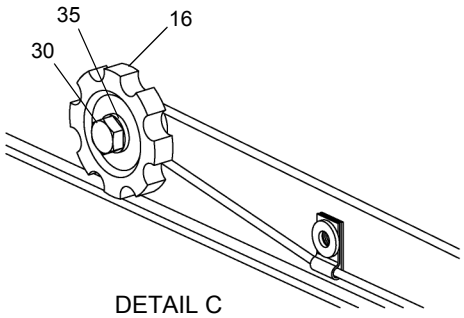


REF	PART NO.	DESCRIPTION	QTY
	730-51362 (Rev A)	*Jib Assembly, Two Stage, White Decal*	
1	655-00017	Decal INSTL, Jib - White Terex	1
2	730-51353	Jib Assembly 24-40 FT-2 ST	1

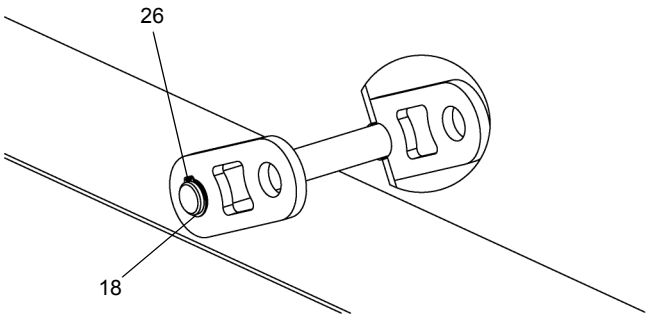
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



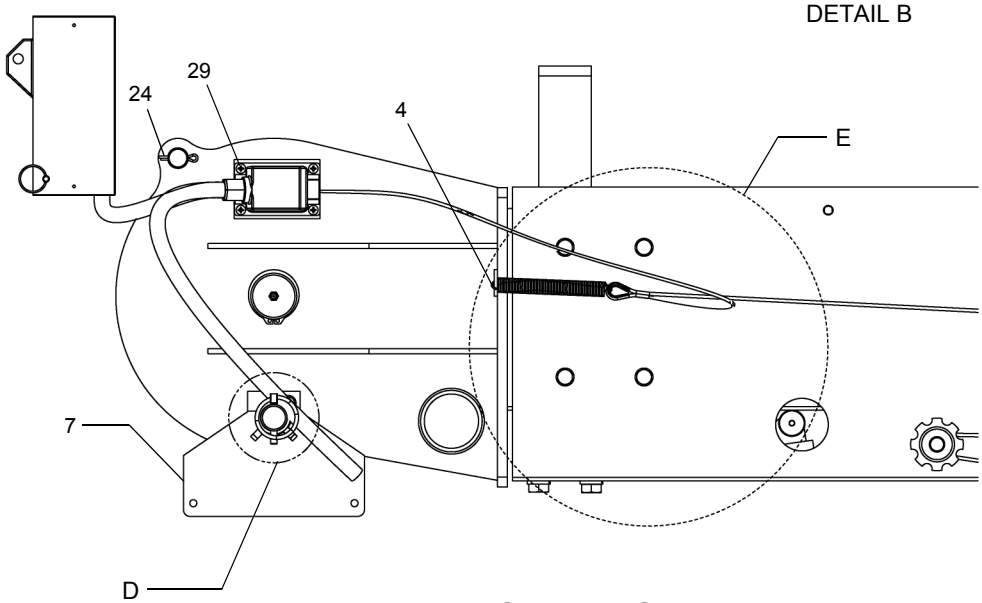
DETAIL A

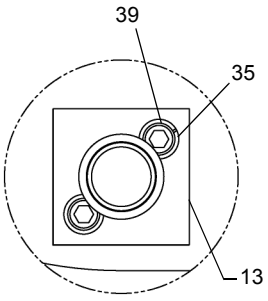


DETAIL C



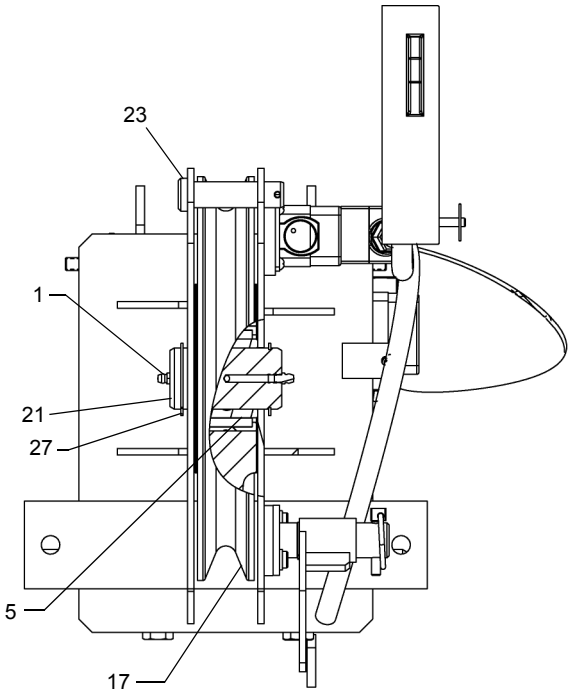
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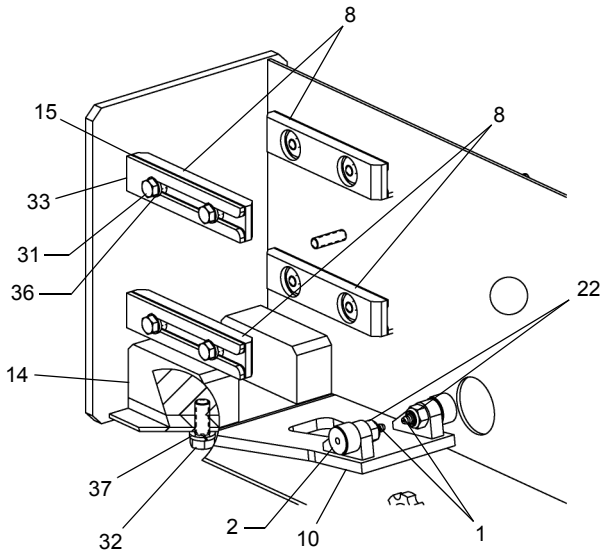




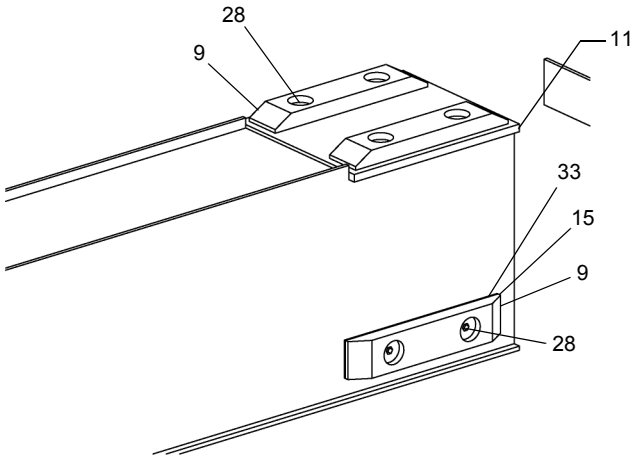
DETAIL D

SEE PAGE 39A.9

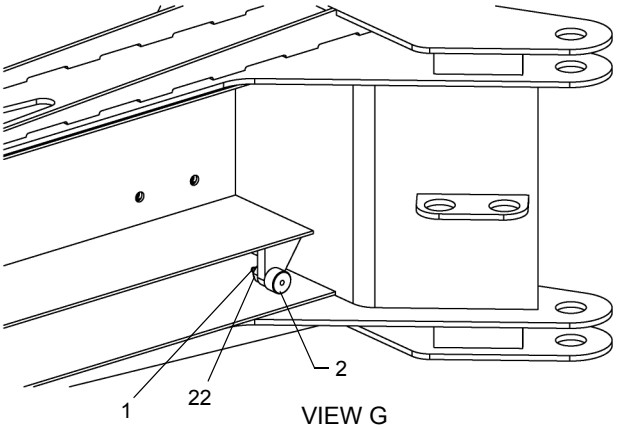




VIEW E



VIEW F



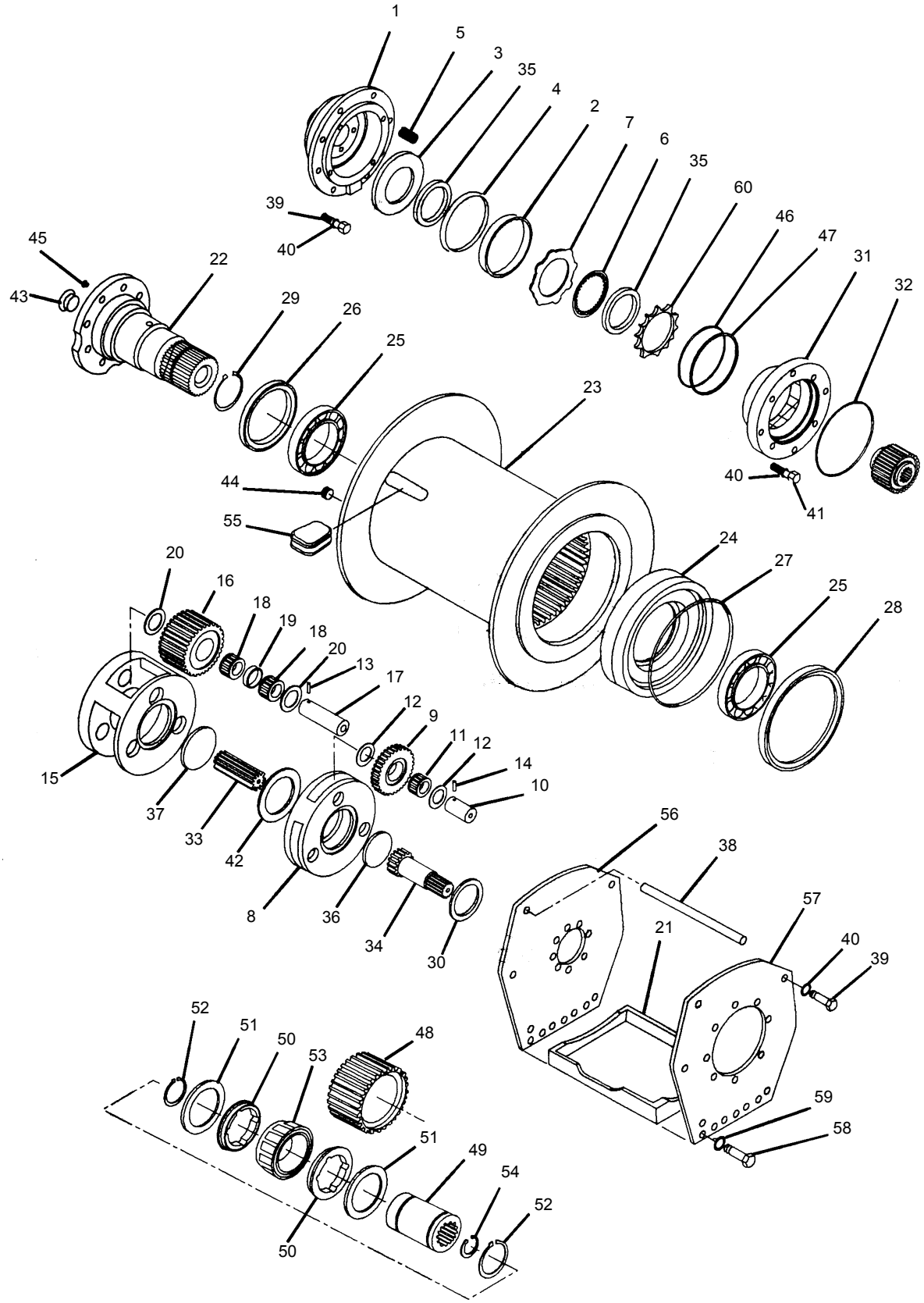
VIEW G

SEE PAGE 39A.9

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGES 39A.7 & 39A.8

REF	PART NO.	DESCRIPTION	QTY
	730-51353 (Rev H)	*Jib ASSY 24-40 FT-2 ST*	
1	1213-7	Grease FTG, ZERK, 0.25-28 STR	6
2	1217-49	Cam Follower	4
3	201-00171	Clamp 0.125 DIA Tube	9
4	202-10066	Spring, Cable Tension	1
5	274-30004	Bearing, Inner Race, 1.75 Shaft	1
6	400-25104	LMI Harness ASSY-2 ST	1
7	729-02729	Bracket Weldment, LMI-ATB Switch	1
8	729-02862	Wear Pad 6.00 X 1.25 X 0.50	4
9	729-02872	Wear Pad 6.00 X 1.25 X 0.50	4
10	730-51351	Support Weldment, Roller	1
11	730-51358	Jib Stinger Weldment	1
12	730-51360	Jib Base Weldment	1
13	774-00054	Adapter Bracket, ATB SW	1
14	783-03719	Block 4.00 X 2.00 X 1.50	2
15	787-00329	Shim 6.00 X 1.25 X 0.048	6
16	808-00047	Knob, Hand	2
17	860-40050	Sheave Assembly	1
18	870-20227	Pin, Retaining 1.00 X 8.00	1
19	870-20268	Pin ASSY, Jib Stinger Retaining	1
20	870-30221	Pin 1.281 DIA, Jib INSTL	4
21	870-50058	Pin, Sheave 1.749 X 3.188	1
22	NYL-438F000-Y8	Nut, HX NYL-INS 0.438-20, ST YZ G8	4
23	P01-750XB75-P0	Pin, Clevis 0.75X2.75, STL	1
24	P02-156XA00-20	Pin, Cotter 0.1562X1.00, ST Z	1
25	PHP-178XC75-20	Pin, CTRHAIR 0.178X3.75X1.03, ST Z	5
26	REX-A00X042-BP	Ring, EXTSNP 1.00X0.042, ST BPH	2
27	REX-A75X062-BP	Ring, EXTSNP 1.75X0.062, ST BPH	2
28	S16-375C875-20	SCR, FHSHCS 0.375-16X0.875, ST Z	8
29	SD1-190C375-20	SCR, CREC RND MS 10-24X0.375, ST Z	8
30	SHF-312CA00-25	SCR, HHCS FT 0.312-18X1.00, STZ G5	2
31	SHF-375C750-Y8	SCR, HHCS FT 0.375-16X0.75, STYZG8	8
32	SHF-500CA38-Y8	SCR, HHCS FT 0.50-13X1.375, STYZ G	4
33	T116216	Wear Pad Shim, .1875 THK	6
34	VBB-187X450-L5	RVT, BTNHD, BLND 0.187X0.45, AL	9
35	W07-312X000-20	WSH, LCK, MED SPLT 0.3125, ST Z	4
36	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	8
37	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4
38	WAR-216X000-22	WSH, FL TYPA-REG 12, ST Z	9
39	SLH-312C625-BX	SCR, LHSHCS 0.312-18X0.625, ST BX	2



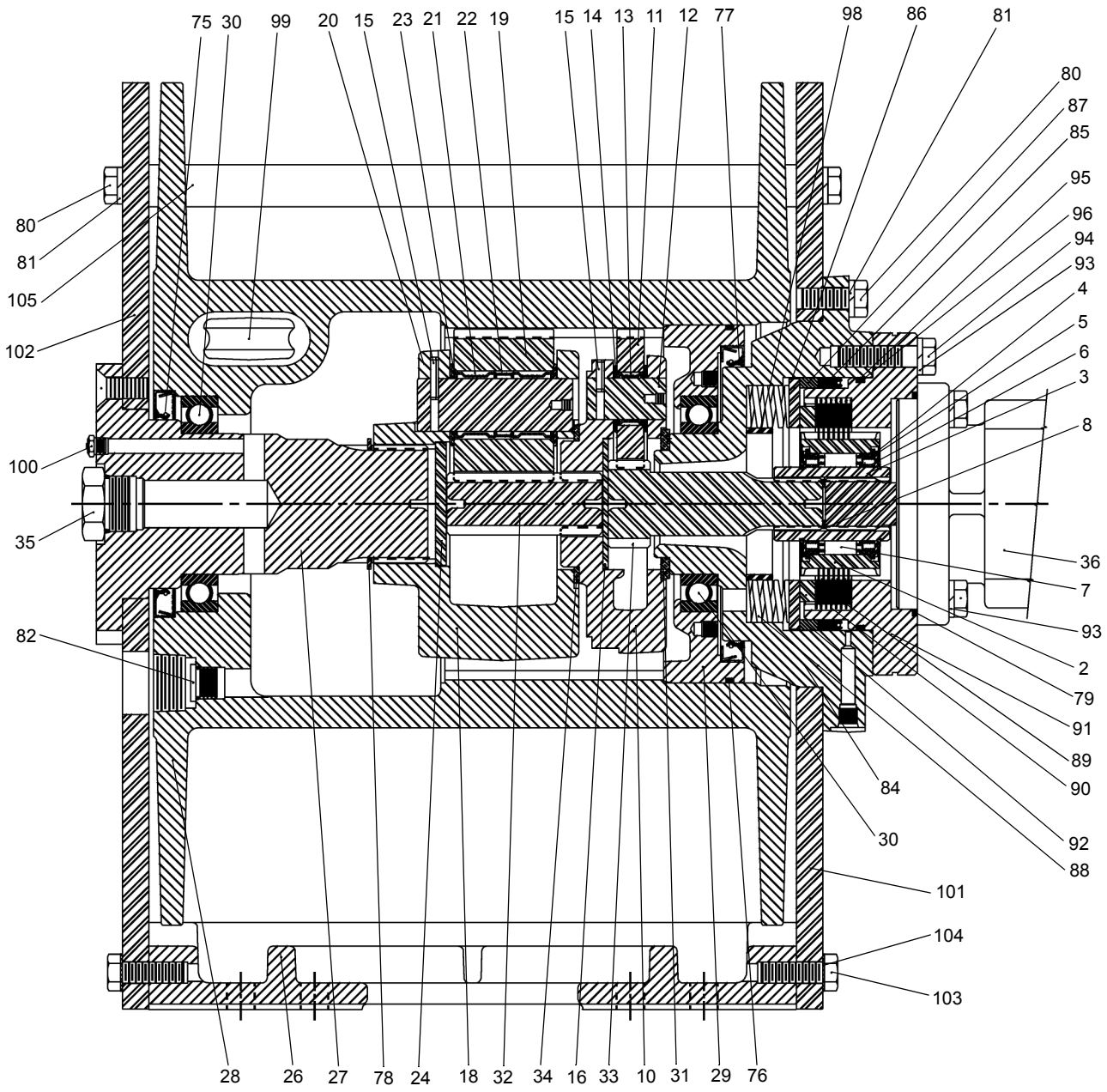
SEE PAGE 40.2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 40.1

REF	PART NO.	DESCRIPTION	QTY
	293-00037-2.2 (Rev D)	*Winch*	
1	058-00632	Brake Cylinder	1
2*	058-00429	Seal	1
3	058-00430	Pressure Plate	1
4	058-00432	Backup Ring	1
5	058-00431	Spring	12
6	058-00634	Disc, Friction	7
7	058-00629	Disc, Steel	8
8	058-00584	Primary Planet Carrier	1
9	058-00585	Primary Planet Gear	3
10	058-00396	Primary Planet Gear Shift	3
11	058-00397	Bearing, Roller	3
12	058-00398	Washer, Thrust	6
13	058-00399	Spirol Pin, Primary Planet Carrier	3
14	085-00627	Spirol Pin Output Planet Carrier	3
15	058-00402	Output Planet Carrier	1
16	058-00403	Output Planet Gear	3
17	058-00404	Output Planet Gear Shift	3
18	058-00405	Bearing, Roller	6
19	058-00406	Bearing, Spacer	3
20	058-00407	Washer, Thrust	1
21	058-00579	Base	1
22	058-00636	Bearing Support	1
23	058-00581	Cable Drum	1
24	058-00582	Cable Drum Closure	1
25	058-00413	Bearing, Ball	2
26*	058-00420	Seal	1
27*	058-00421	O-Ring Flush Plug	1
28*	058-00487	Seal	1
29	058-00423	Retaining ring	1
30	058-00610	Washer, thrust	1
31	058-00637	Motor Support	1
32*	058-00540	O-Ring	1
33	058-00415	Output Sun Gear	1
34	058-00416	Primary Sun Gear	1
35	058-00433	Spacer	1
36	058-00400	Primary Thrust Plate	1
37	058-00408	Output Thrust Plate	1
38	058-00444	Spacer, Bar	2
39	058-00568	Capscrew	14
40	058-00034	Washer, Lock	22
41	058-00565	Capscrew	4
42	058-00611	Washer, Lock	1
43	058-00595	O-Ring Flush Plug	1
44	058-00426	O-Ring, Flush Plug	1
45	058-00608	Plug, Vent	1
46*	058-00434	O-Ring	1
47*	058-00435	Backup Ring	1
	058-00597	**Brake Clutch Assembly** (Items 48 through 54)	1
48		Outer Brake Race	1
49		Inner Brake Race	1
50	058-00609	Sprag Bearing	2
51	058-00389	Washer, Thrust	2
52	058-00390	Retaining Ring	2
53		Sprag, Clutch	1
54	058-00391	Retaining Ring	1
55	058-00639	Cable, Wedge	1
56	058-00598	Side Plate, Support End	1
57	058-00599	Side Plate, Motor End	1
58	058-00440	Capscrew	8
59	058-00607	Washer, Lock	8
60	058-00643	Spring, Cover	1

* ITEMS CONTAINED IN SEAL KIT 058-00728

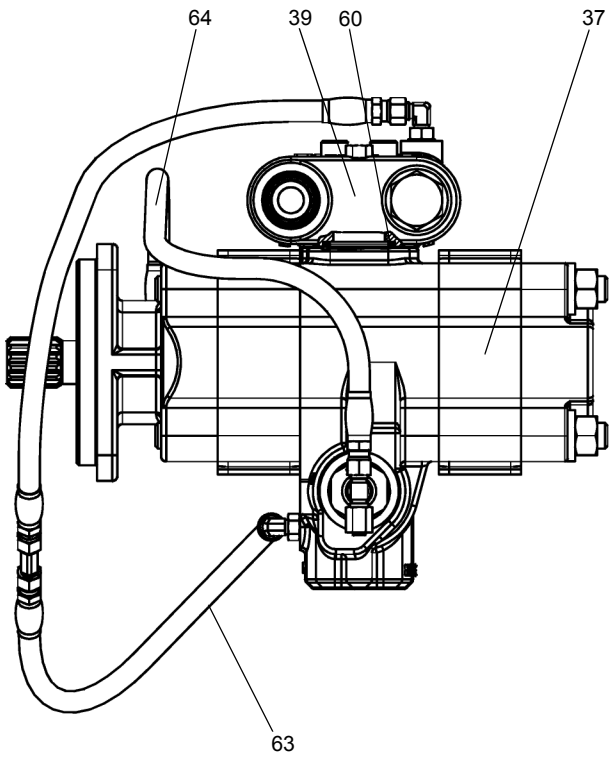

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80 87 85 95 96 94 93 4 5 6 3 8
80 81 105 102 100 35 82
36 7 93 2 79 91 89 90 92 88
84 30 101 104 103
28 26 27 78 24 18 32 34 16 33 10 31 29 76

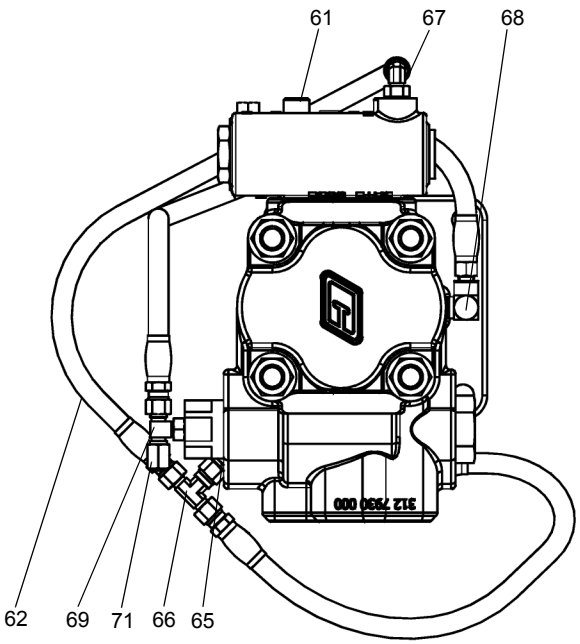
SEE PAGE 40.4

SEE PAGE 40.3

REF	PART NO.	DESCRIPTION	QTY
	293-00044-2.2	*Winch ASSY, 12K 2 Speed (White)*	
1*	215553	Sprag Clutch ASSY (C SPL SHAF)	1
2	215461	Outer Brake Race	1
3	224376	Inner Brake Race	1
4	215723	Sprag Bearing	2
5	215557	Thrust Bearing	2
6	215725	21-B3-1 Snap Ring	2
7	215466	Sprag Clutch	1
8	215560	Retaining Ring	1
9*	224984	Primary Planet Carrier ASSY	1
10	224979	Primary Planet Carrier	1
11	224968	Planet Gear	3
12	215427	Primary Planet Gear Shaft	3
13	215428	Roller Bearing	3
14	215429	Thrust Washer	6
15	215430	SPIROL Pin	3
16	215451	Spacer, Primary	1
17*	224985	Output Planet Carrier ASSY	1
18	224969	Output Planet Carrier	1
19	224970	Planet Gear	3
20	215433	Planet Gear Shaft	3
21	215434	Roller Bearing	6
22	215435	Bearing Spacer	3
23	215436	Thrust Washer	6
24	215474	Spacer, Output	1
25*	218982	Pin-SPIROL	3
26	226860	Base	1
27	224971	Bearing Support, SP Only	1
28	224972	Cable Drum	1
29	224973	Cable Drum Closure	1
30	215440	Ball Bearing	2
31	215445	Thrust Washer	1
32	224975	Output Sun Gear	1
33	224976	Primary Sun Gear	1
34	215455	Thrust Washer	1
35	224978	Plug	1
36	225005	HYD Motor SUB ASSY (2SP 4.9/2)	1
75	215441	Oil Seal	1
76	224974	O-Ring	1
77	215443	Seal-Oil	1
78	215444	Retaining Ring, External	1
79	215465	O-Ring	1
80	220135	Capscrew	20
81	215470	Lockwasher	12
82	215457	16496-8 Plug, O-Ring Flush	1
83*	224377	Brake CYL ASSY - 4 Bolt C	1
84	215418	Brake Cylinder	1
85	215419	Seal	1
86	215420	Pressure Plate	1
87	215421	Piston Backup Ring	1
88	215422	Die Spring	12
89	215423	850170 Disc-Friction	7
90	215424	Brake Disc	8
91	224378	Motor Support	1
92	215450	Spacer	1
93	215470	Lockwasher	4
94	224379	Capscrew	4
95	215459	O-Ring	1
96	215460	Back-up Ring	1
97*	215468	Shipping Plug HYD	1
98	218782	Spring Spacer	1
99	215473	Cable Wedge	1
100	215458	Relief Valve 7.5-15 PSI	1
101	224981	Sideplate Motor End	1
102	224980	Sideplate Support End	1
103	219424	Capscrew	16
104	224982	Lockwasher KEV *1	24
105	224977	Spacer	2
106*	224983	Cover, Back PD12C	1
107*	215495	Pipe Plug	1
108*	218656	Name Plate, GH5, PD5 Winches	1
109*	218655	Drive Screw	4

* ITEMS 1, 9, 17, 25, 83, 97 & 106 TO 109 ARE NOT SHOWN IN THE ILLUSTRATION

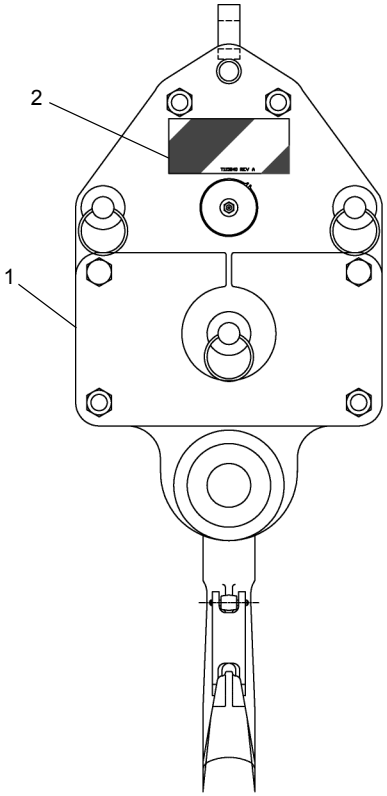




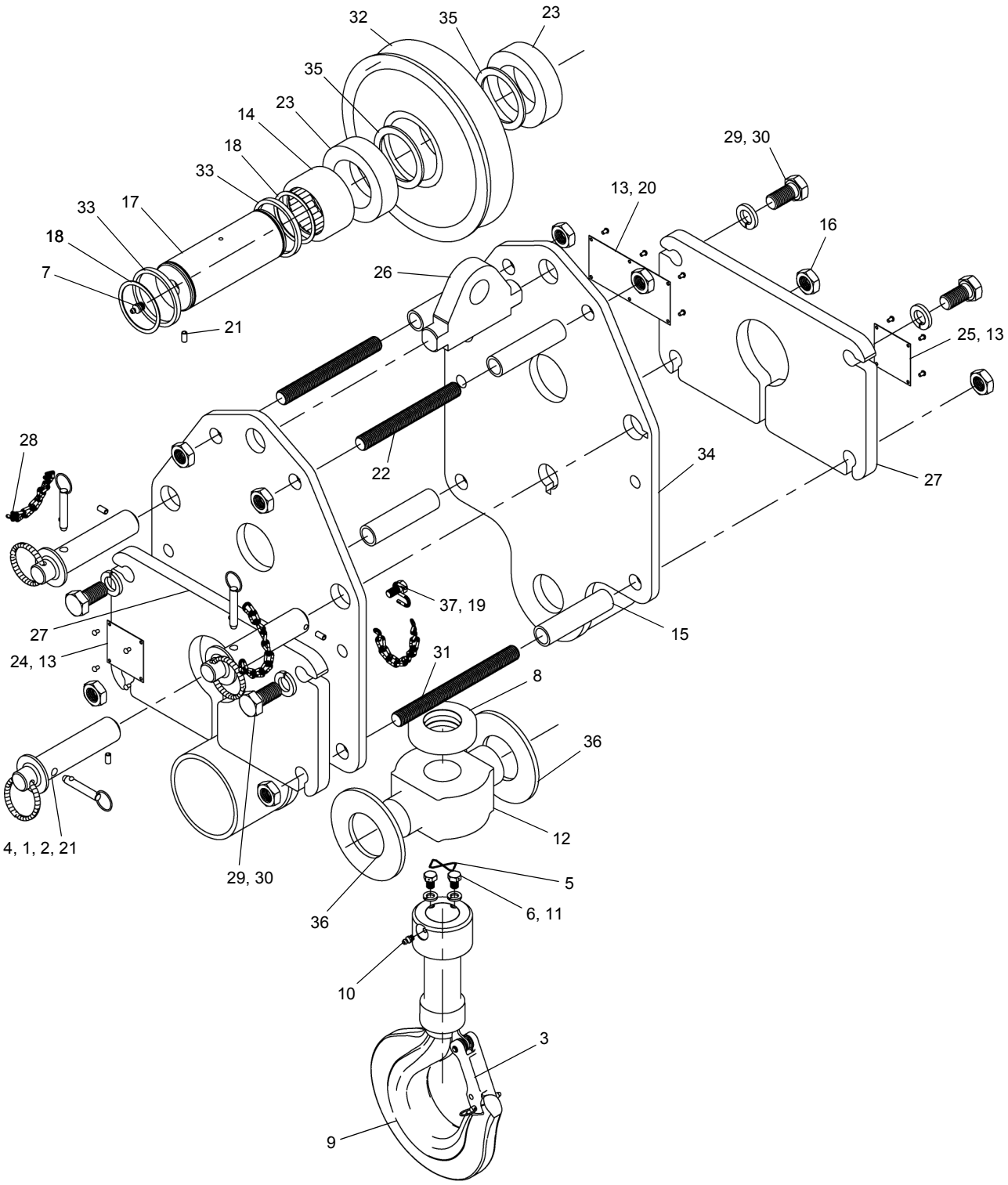
REF	PART NO.	DESCRIPTION	QTY
	225005	*HYD Motor Sub-ASSY*	
37	225008	HYD Motor, Gear	1
38*	225012	Seal Kit	1
39	224999	Brake Valve ASSY - 1.25-61	1
40*	224997	Brake Valve Housing	1
41*	215481	Spool	1
42*	215482	Damper Piston	1
43*	215486	Check Valve Spring	1
44*	224998	Valve Spring Retainer	1
45*	215479	Spring Retainer	1
46*	215480	Plug	1
47*	215483	O-Ring	2
48*	225000	Check Valve Poppet	1
49*	215485	Pilot Orifice	1
50*	215487	Spool Spring	1
51*	215488	O-Ring	1
52*	215489	O-Ring	1
53*	215490	O-Ring	1
54*	215491	Back-up Ring	1
55*	215492	Back-up Ring	1
56*	215468	Shipping Plug HYD	1
57*	225001	Shipping Plug	1
58*	225002	Shim, Valve Spring	2
59*	225003	HEX Head Plug (-4 SAE)	1
60	219465	O-Ring	1
61	215524	Capscrew	4
62	219757	Hose ASSY	1
63	218757	Hose ASSY	1
64	225007	Hose ASSY	1
65	215527	Adapter	1
66	218755	Swivel Tee	1
67	215526	Elbow Fitting	2
68	225006	Reducer Elbow	1
69	225009	Tee, -4 ORB	1
70*	225010	Warning Tag	1
71	225011	16445-4 Cap Nut	1
72*	225003	HEX Head Plug (-4SAE)	1
73*	225001	Shipping Plug	1
74*	215483	O-Ring	1

* ITEMS 38, 40 TO 59, 70 & 72 TO 74 ARE NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REF	PART NO.	DESCRIPTION	QTY
	T115989 (Rev C)	*Load Block ASSY, Q Reeve 15T*	
1	861-60109	Load Block, Q Reeve, 15T, 1 Sheave	1
2	T115240	Safety Stripe 2.5 X 5.5	2

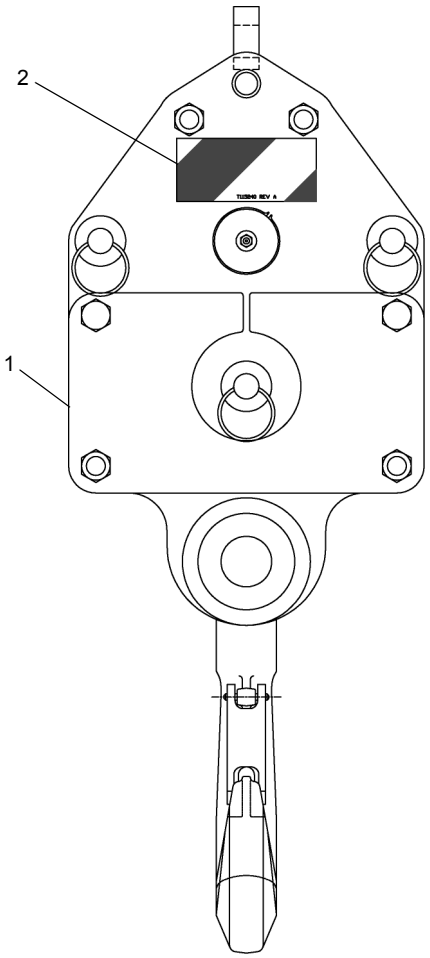


SEE PAGE 44.3

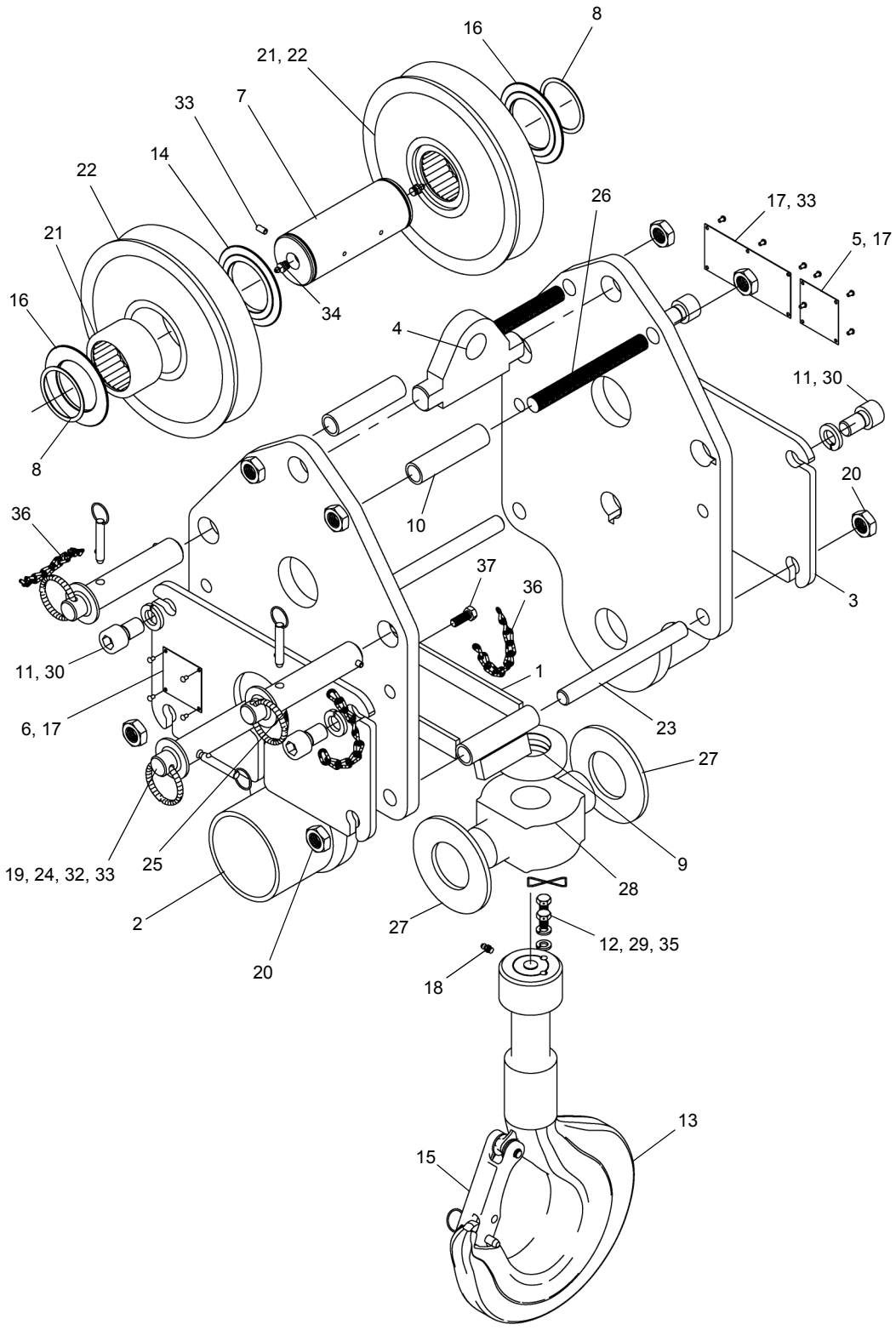
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 44.2

REF	PART NO.	DESCRIPTION	QTY
	861-60109	*Load Block, Q Reeve, 15T, 1 Sheave*	
1	215303	2Ring Split	3
2	215290	Pin QK-REL 0.38ODX1.50LG	3
3	217143	A15J Latch Kit Installed	1
4	221153	Pin QK Reeve 1.25ODX5.35LG	3
5	217119	STN SAFTY Wire	1
6	217898	Screw Cap HX0.38ODX0.50LG NC	2
7	215304	Fitting 1/8NPT	1
8	215312	T176 RT BRG	1
9	221154	J 15HK & Nut F-A	1
10	215286	-28 Fitting 1/4	1
11	217899	L Wash 3/8	2
12	215311	J DHSG Casting	1
13	216955	Screw DR RD0.14 ODX0.25LGNC CD	14
14	215278	BRG R 3.25ODX2.50IDX1.75WD	1
15	221148	Spacer 1.05ODX0.75IDX4.31LG	4
16	219133	-10 Nut J 3/4	8
17	219135	Pin Center2.50ODX6.44LG-1	1
18	215294	SPRLOX21/2	2
19	215301	S Hook	1
20	217135	QRJ Caution Plate	1
21	215305	Pin Spirol 0.25ODX0.50LG	4
22	221155	T Bolt 6.50X3/4	2
23	219136	SPR 4.00ODX2.53IDX1.09LG	2
24	220256	Name Plate Terex F/Block	1
25	220253	CAUT Plate Terex	1
26	221156	QRJ D End 1 TRN	1
27	221157	PLT CKWT QRJBK 10SHV.75TK	2
28	215291	No. - 3 MACH Twist Link Chain	3
29	215901	Screw Cap HX0.75ODX1.50LG NC	4
30	215287	L Wash 3/4	4
31	221161	T Bolt 0.75ODX8.00LG All THD	2
32	226861	SHV MC 9.81ODX3.25IDX2.00TK	1
33	221160	SPR 3.00ODX2.63IDX0.25LG	2
34	221158	QRJ 10PL Group W/Stabilizer	1
35	219137	Wash TH 3.24ODX2.52IDX0.13 TKBR	2
36	215326	SPR 4.75ODX2.38IDX0.22LG	2
37	221159	Screw Cap HX0.38ODX0.75LG NC	1



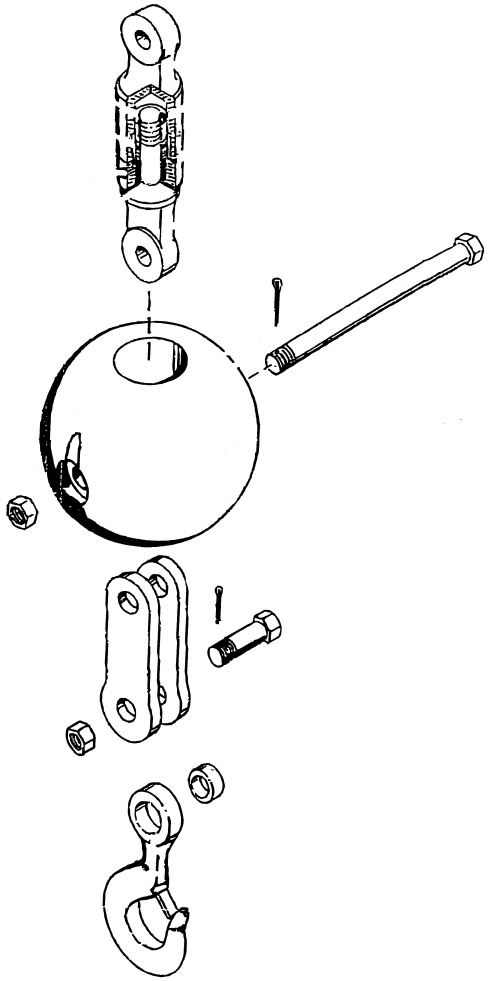
REF	PART NO.	DESCRIPTION	QTY
	T115990 (Rev C)	*Load Block ASSY, Q Reeve 25T*	
1	861-60110	Load Block, Q Reeve 25T, 2 Sheave	1
2	T115240	Safety Stripe 2.5 X 5.5	2


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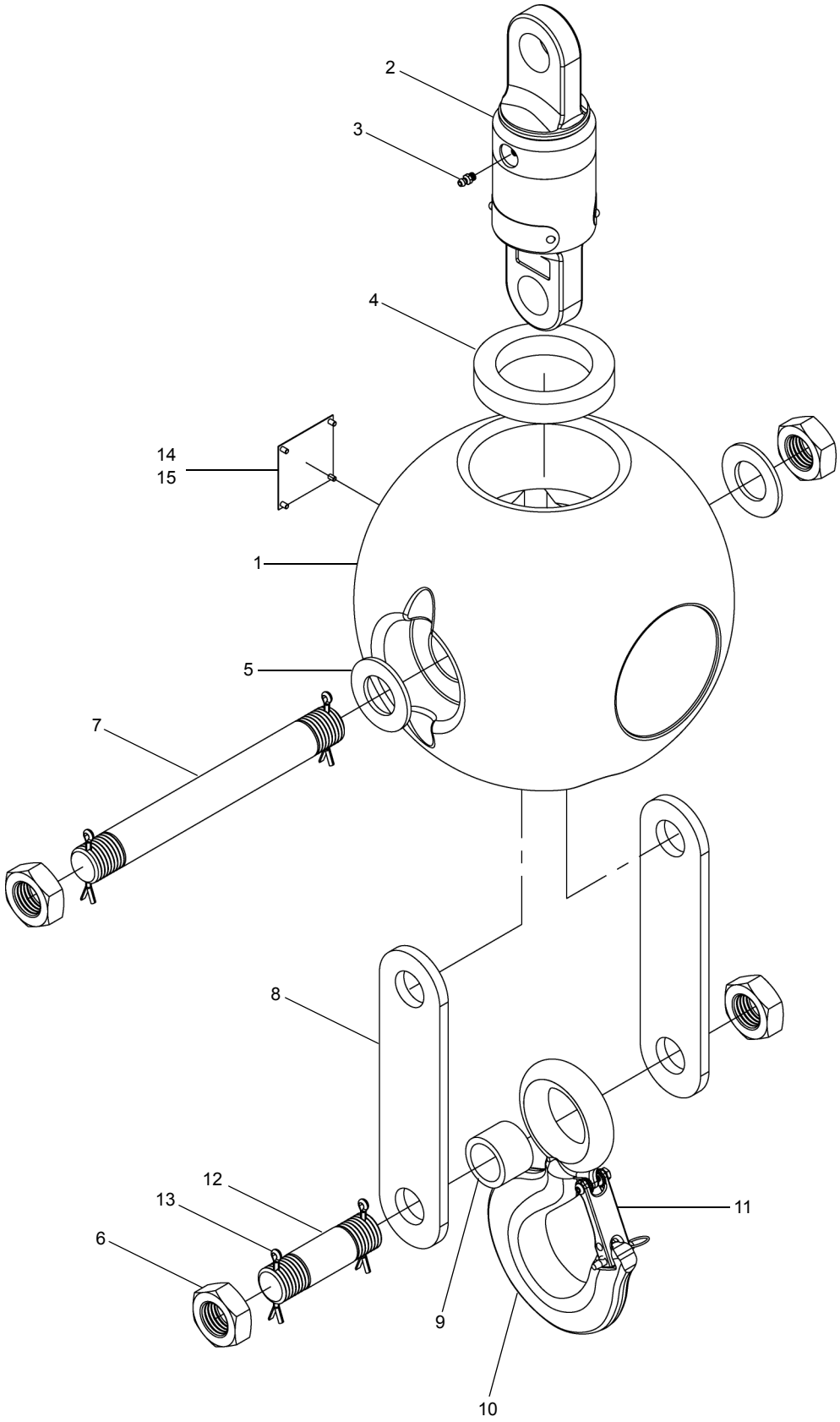
SEE PAGE 44.6

SEE PAGE 44.5

REF	PART NO.	DESCRIPTION	QTY
	861-60110	*Hook Block-2 Sheave/25 Ton*	
1	221144	QRJ 10R Guide AY	1
2	221145	QJ D 10PL Group W/Stabilizer	1
3	221146	PLT CKWT QRJBK 10SHV.75TK	2
4	221147	QRJ D End 1 TRN	1
5	220253	CAUT Plate Terex	1
6	220256	Name Plate Terex F/Block	1
7	215317	Pin Center 2.50ODX6.47LG-2	1
8	215294	SPRLOX21/2	2
9	215312	T176 RT BRG	1
10	221148	Spacer 1.05ODX0.75IDX4.31LG	2
11	215287	L Wash 3/4	4
12	217899	L Wash 3/8	2
13	221149	J 25HK & Nut A25	1
14	215310	Wash TH 4.00ODX2.53IDX0.30TKBR.	1
15	215323	A22J Latch Kit Installed	1
16	215309	Wash TH 4.00ODX2.53IDX0.20TKBR.	2
17	216955	Screw DR RD0.14ODX0.25LGNC CD.	14
18	215286	- 28Fitting 1/4	1
19	215303	2Ring Split	3
20	219133	- 10Nut J 3/4	8
21	215278	BRG R 3.25ODX2.50IDX1.75WD	2
22	226861	SHV MC 9.81ODX3.25IDX2.00TK	2
23	221151	T Bolt 0.75ODX7.75LG All THD	2
24	215290	Pin QK-REL 0.38ODX1.50LG	3
25	215301	S Hook	1
26	219134	T Bolt 0.75ODX7.00LG ALL THD	2
27	215326	SPR 4.75ODX2.38IDX0.22LG	2
28	215311	J DHSG Casting	1
29	217898	Screw Cap HX0.38ODX0.50LG NC	2
30	221152	Screw Cap SC 0.75ODX1.25LG NC	4
31	217135	QRJ Caution Plate	1
32	215321	Pin QK Reeve 1.25ODX5.88LG	3
33	215305	Roll Pin 0.25 DIA X .50 Deep	4
34	215304	Fitting 1/8NPT	2
35	217119	1/32 STN SAFTY Wire	1
36	215291	No.3 MACH Twist Link Chain	3
37	215327	Screw Cap HX0.38ODX1.00LG NC	1



REF	PART NO.	DESCRIPTION	QTY
	861-90288	*Hook Ball 6 1/4 Ton Swivel*	



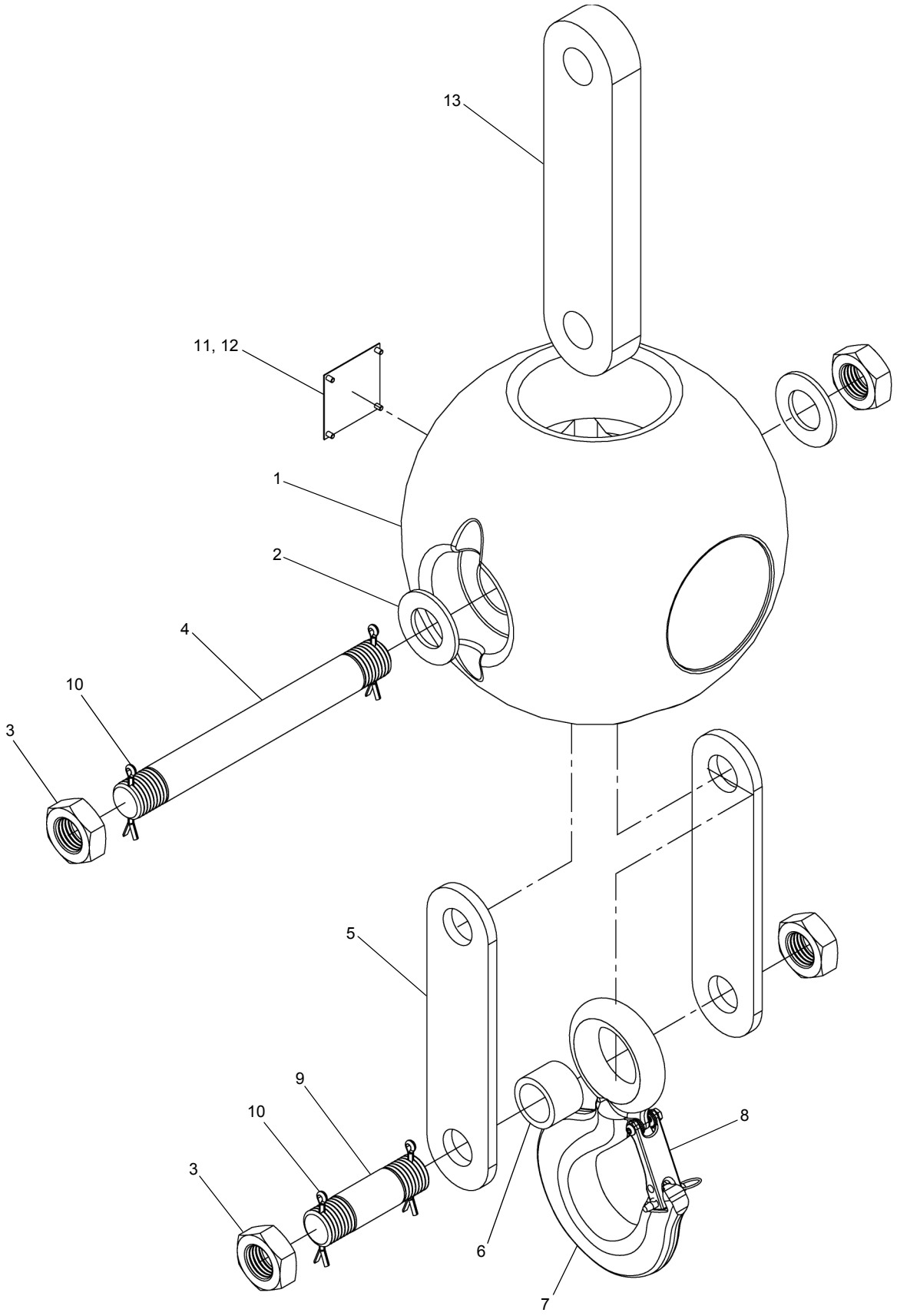
SEE PAGE 44.9

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

SEE PAGE 44.8

REF	PART NO.	DESCRIPTION	QTY
	861-60087	*Hook Ball-7 Ton Swivel*	
1	861-90565	OHB 200 Ball	1
2	861-90564	7EE	1
3	861-90563	-28 Fitting 1/4	1
4	861-90542	7EE200C Ring	1
5	861-90539	Washer11/4	2
6	861-90509	-7Nut J 11/4	4
7	861-90562	Pin Latch 1.25ODX11.1LG	1
8	861-90543	OHB ADP B 3/8	2
9	861-90544	SPR 1.75ODX1.31IDX1.25LG	1
10	861-90513	7EYE HK A 7	1
11	209-00714	Latch Kit	1
12	861-90511	Pin Latch 1.25ODX4.38LG	1
13	861-90510	Pin Cotter 0.19ODX1.75LG	4
14		Name Plate Terex	1
15	861-90490	Screw DR RD0.14ODX0.25LGNC	4

Contact Terex Service for parts availability



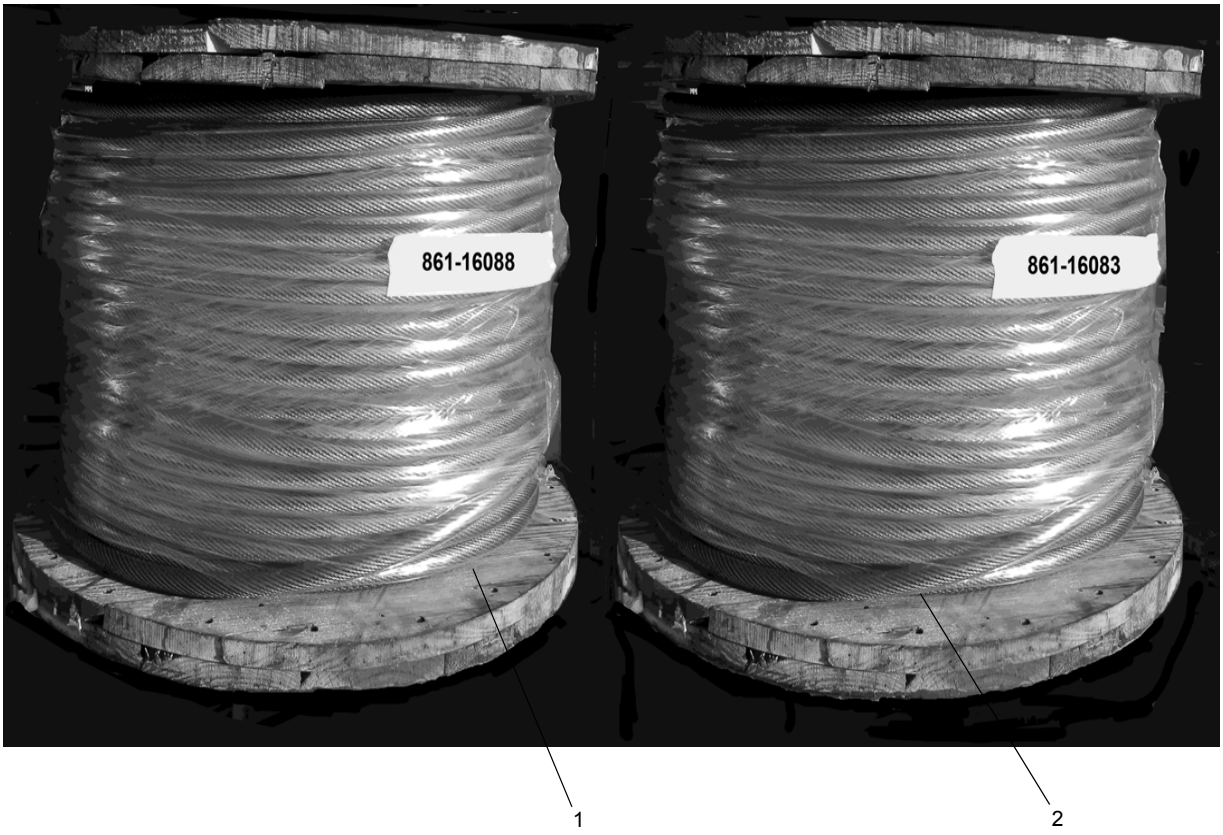
SEE PAGE 44.11

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

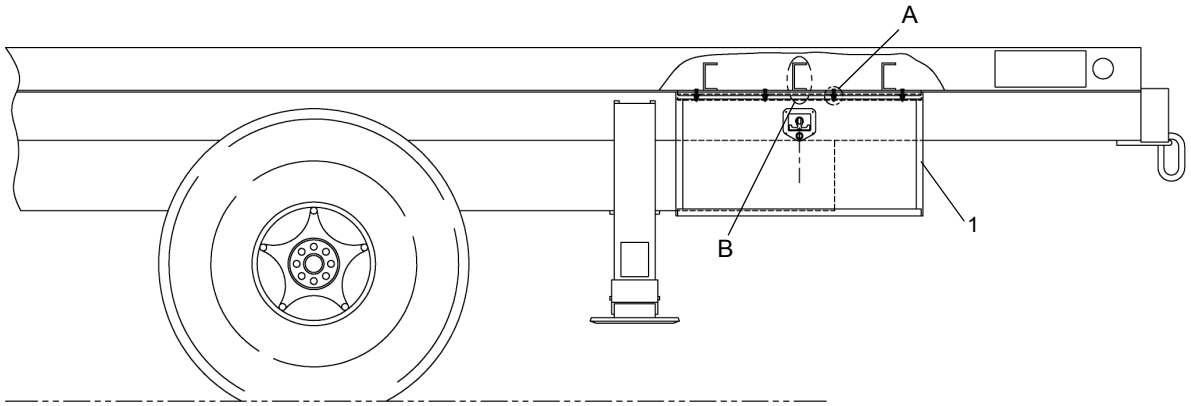
SEE PAGE 44.10

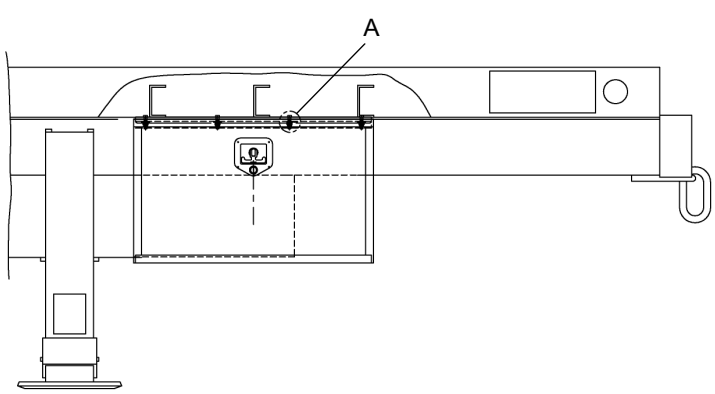
REF	PART NO.	DESCRIPTION	QTY
	861-60089	*Hook Ball-7 Ton Non-Swivel*	
1	861-90565	OHB 200 Ball	1
2	861-90539	Washer 11/4	2
3	861-90509	-7 Nut J 11/4	4
4	861-90562	Pin Latch 1.25 OD X 11.1 LG	1
5	861-90543	OHB ADP B 3/8	2
6	861-90544	SPR 1.75 OD X 1.31 ID X 1.25 LG	1
7	861-90513	7 Eye HK A 7	1
8	209-00714	A-7J Latch Kit Installed	1
9	861-90511	Pin Latch 1.25 OD X 4.38 LG	1
10	861-90510	Pin Cotter 0.19 OD X 1.75 LG	4
11		Name Plate Terex	1
12	861-90490	Screw DR RD 0.14 OD X 0.25 LGNC	4
13	861-90514	OHB ADP B 11/4	1

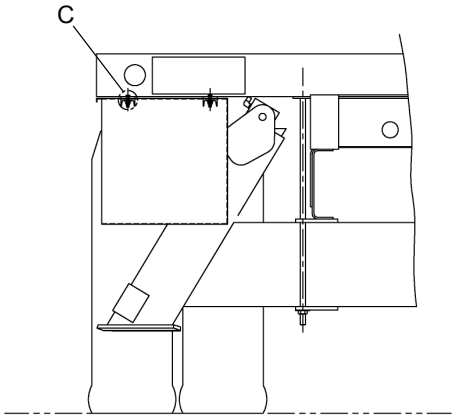
Contact Terex Service for parts availability

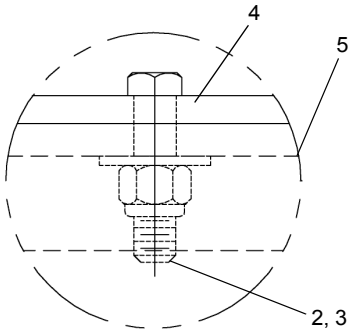


REF	PART NO.	DESCRIPTION	QTY
		Wire rope & Reeving	
1	861-16088	Rope, Wire 9/16" X 240' EEIPS 1	
2	861-16083	Rope, 9/16 X 240 FT-ROT Rotation Resistant 1	

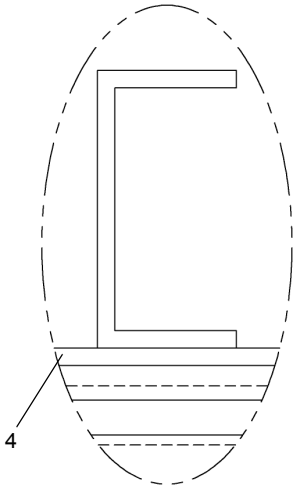




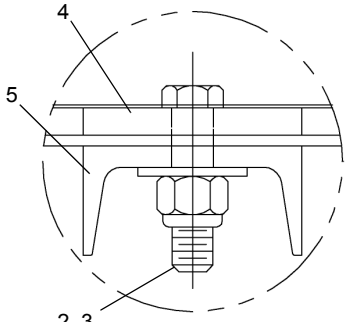




DETAIL A



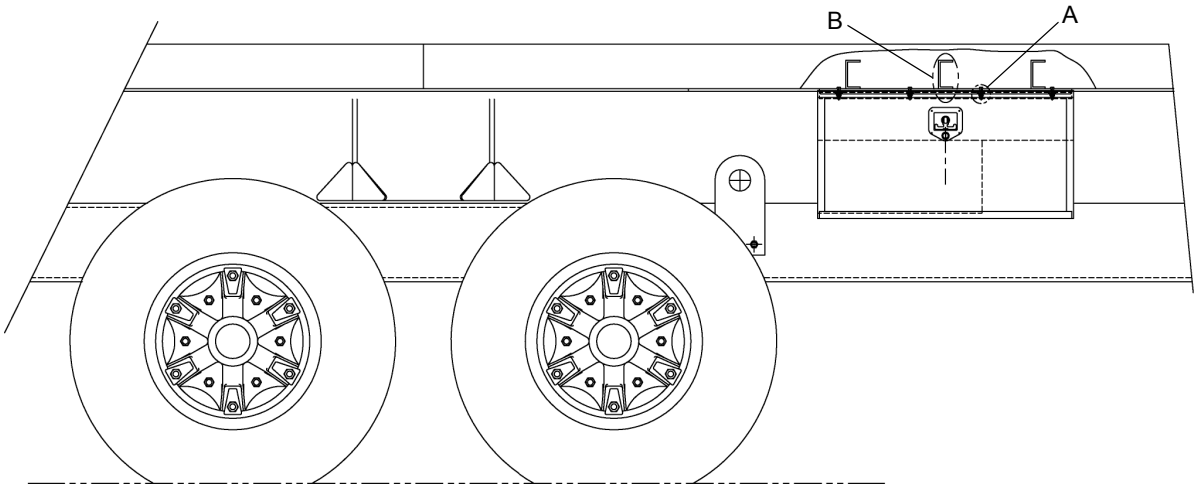
DETAIL B

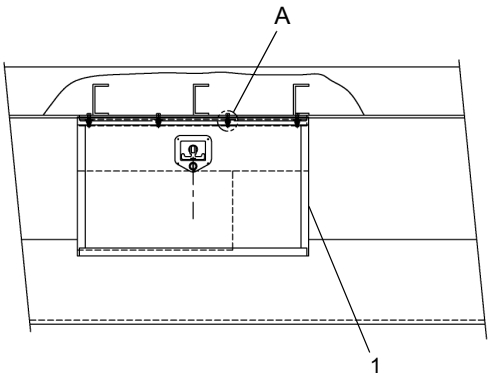


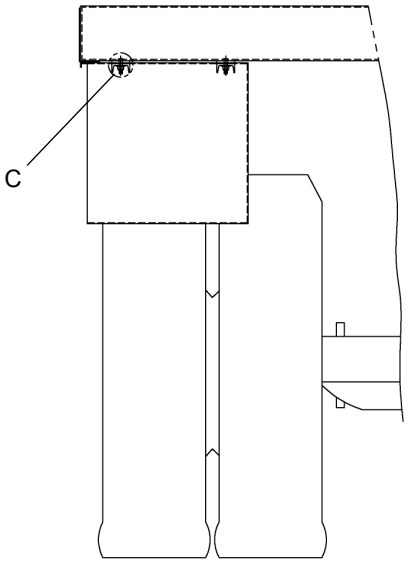
DETAIL C

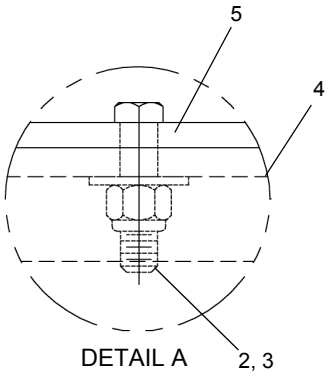
REF	PART NO.	DESCRIPTION	QTY
	697-00007-1 (Rev C)	*Tool Box Installation 36”*	
1	600-32312	Tool Box - 36 X 18 X 18	1
2	221-00032-2	Nylon Lock HEX Nut 3/8-16 Zinc	8
3	222-00025-8	Flatwasher, 3/8 Zinc PLTD	8
4	770-02848.3	Stud Bar - 36” Tool Box S/W	2
5	786-01897.3	36” Tool Box MTG Channel	1

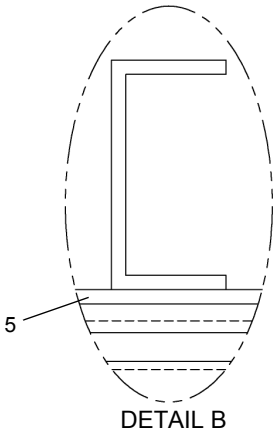
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED

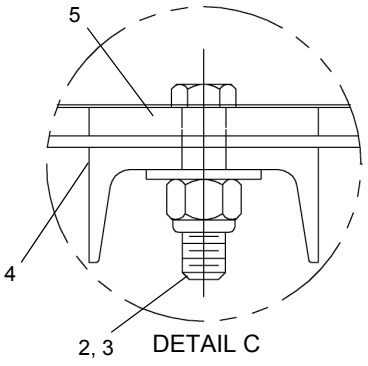






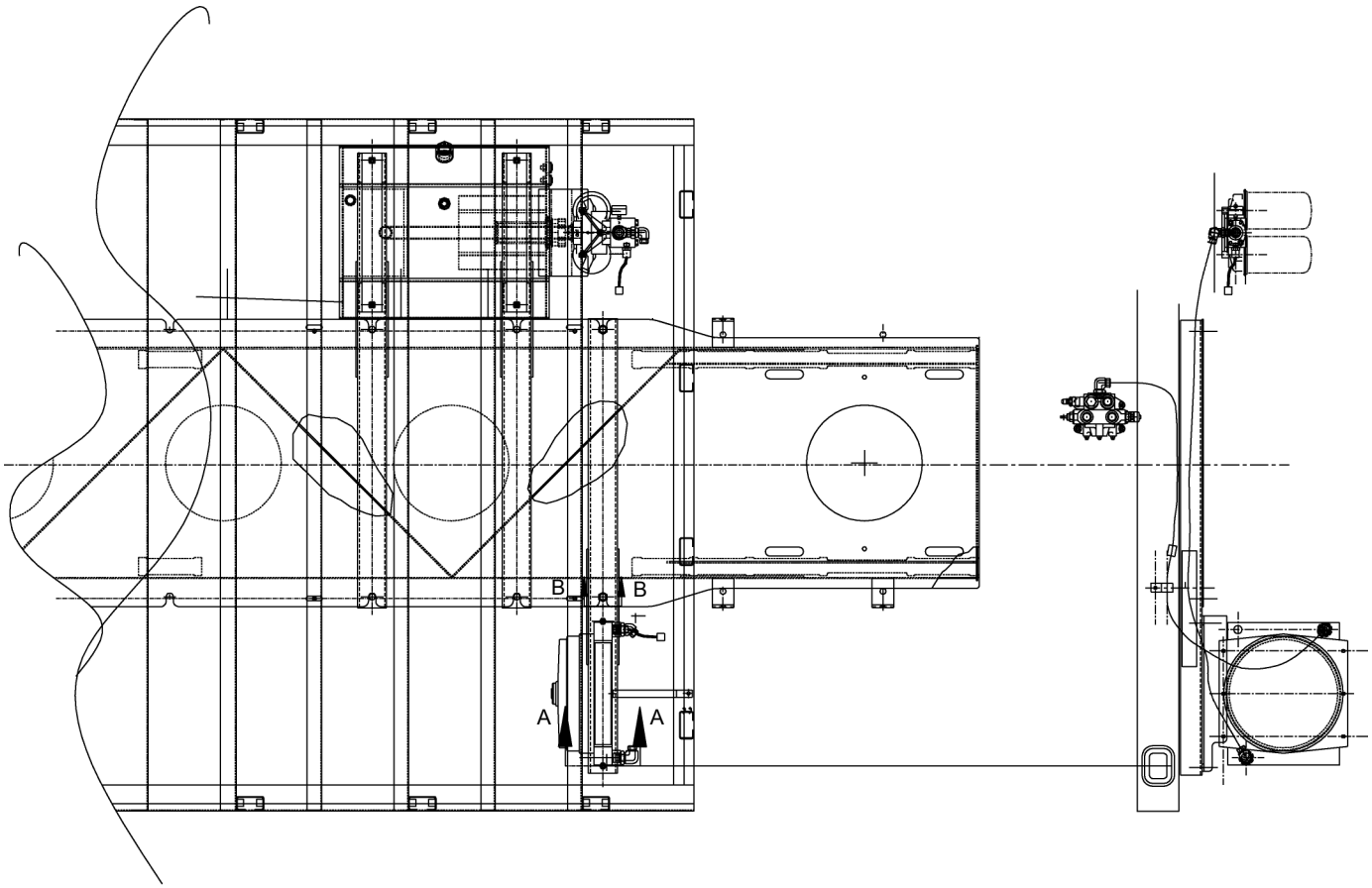


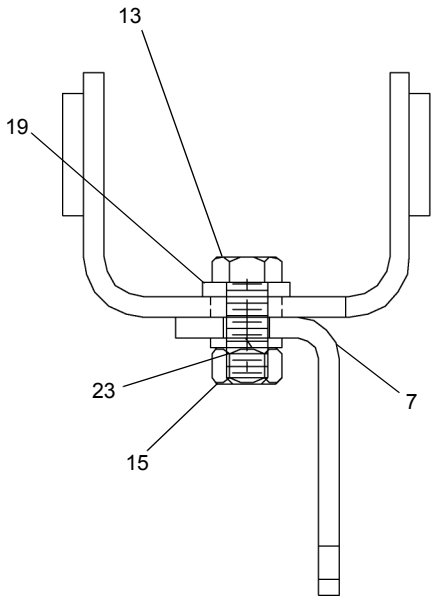




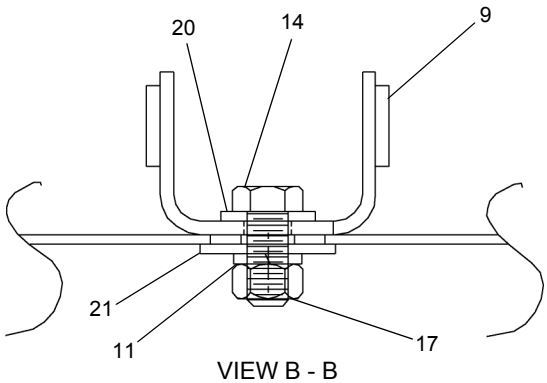
REF	PART NO.	DESCRIPTION	QTY
	697-00007-2 (Rev C)	*Tool Box Installation - 30" Box*	
1	600-32576	Tool Box - 30 X 18X 18	1
2	221-00032-2	Nylon Lock HEX Nut 3/8-16 Zinc	8
3	222-00025-8	Flatwasher, 3/8 Zinc PLTD	8
4	786-01896.3	30" Tool Box MTG Channel	1
5	770-02847.3	Stud Bar - 30" Tool Box S/W	2

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



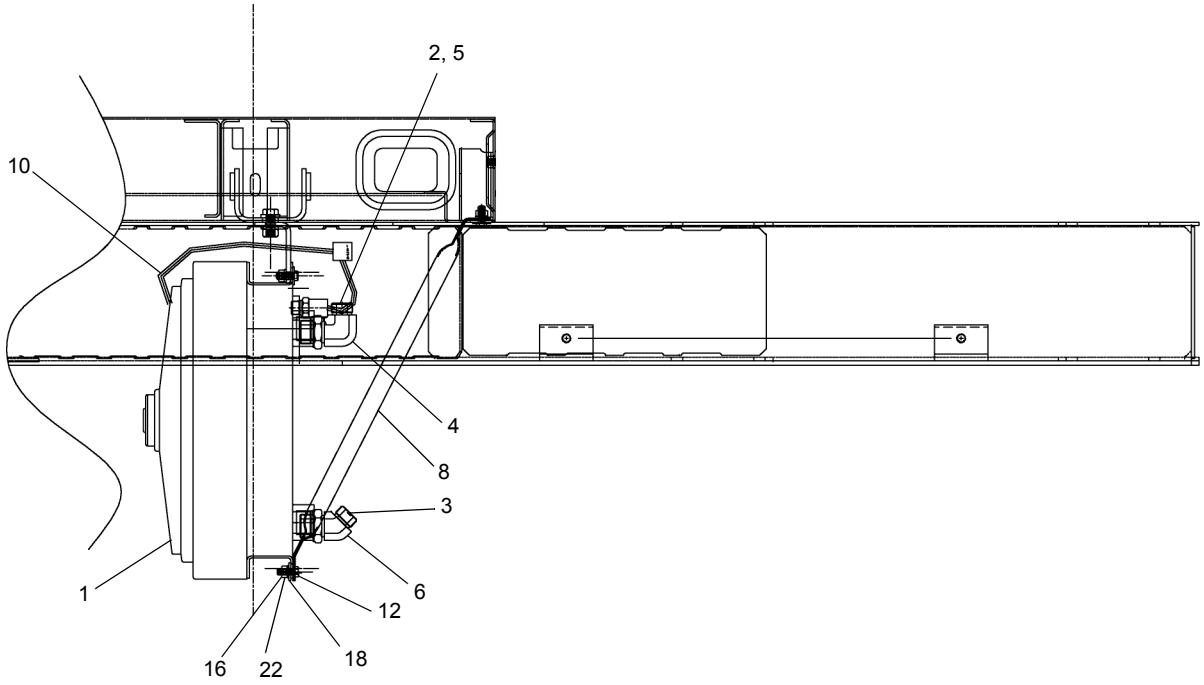


VIEW A - A



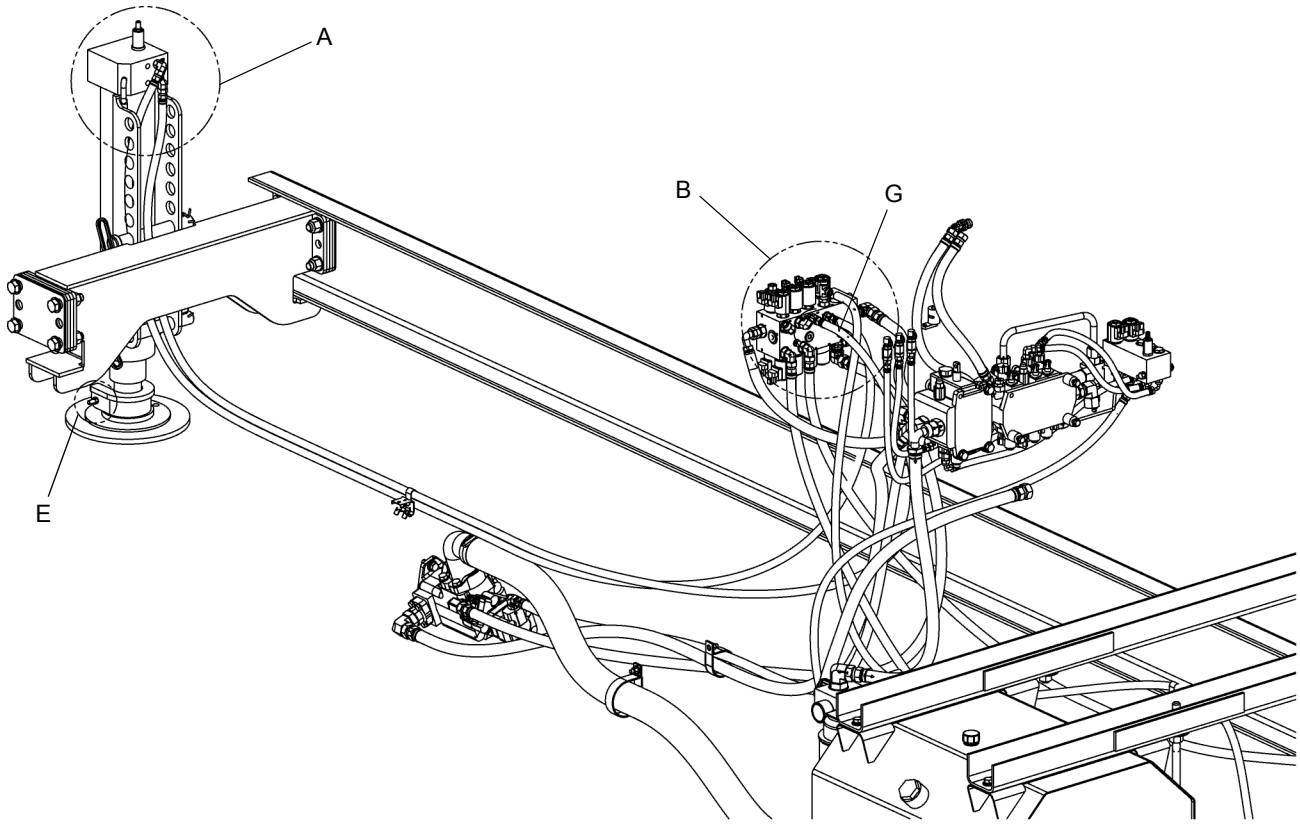
VIEW B - B

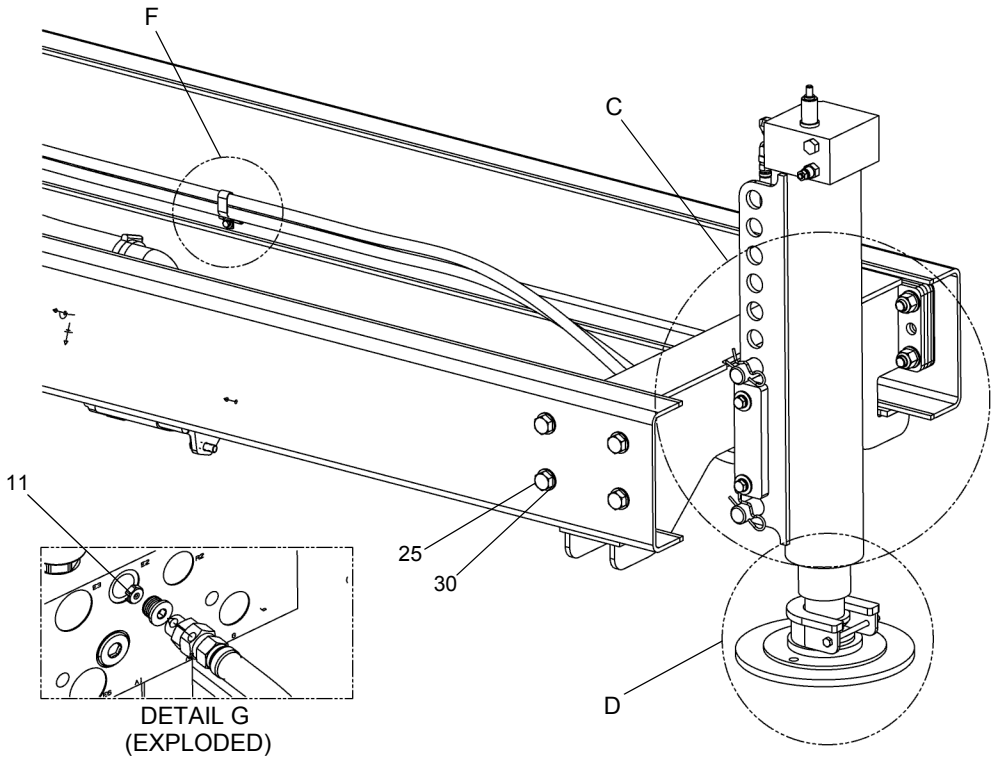
SEE PAGE 51.4



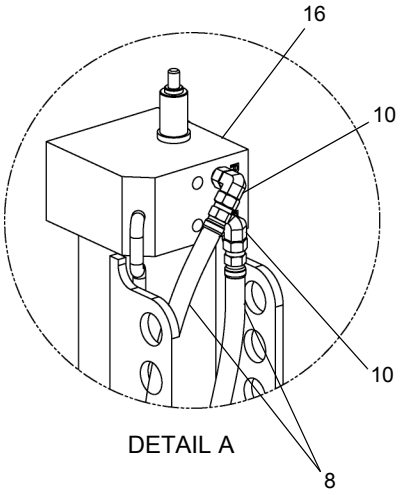
SEE PAGE 51.3

REF	PART NO.	DESCRIPTION	QTY
	500-01841 (Rev B)	*INSTL, Oil Cooler C.S.*	
1	501-05021	Oil Cooler, 64K 12V Fan	1
2	502-41013	Hose, Cooler Return	1
3	T119082	Hose ASSY Main Valve C.S.	1
4	514-59023	90 Elbow #FGFF6801-12-16	1
5	514-67004	Elbow Swivel 90º	1
6	515-07003	Elbow 45º	1
7	785-02123	Angle, Cooler	1
8	785-02124	Angle, BRKT, Cooler	1
9	875-90370.3	MTG Bracket, HYD. RES.	1
10	400-25222	Wiring Harness, Oil Cooler	1
11	W07-750X000-20	WSH, LCK, MED SPLT 0.75, ST Z	2
12	SHF-312CA00-25	SCR, HHCS FT 0.312-18X1.00, ST Z G5	6
13	SHF-500CA25-25	SCR, HHCS FT 0.50-13 X 1.25, ST Z G5	2
14	S01-750CA75-Y8	SCR, HHCS 0.75-10 X 1.75, ST Z G8	2
15	N04-500C000-25	Nut, HEX 0.50-13, ST Z G5	2
16	N04-312C000-25	Nut, HEX 0.312-18, ST Z G5	6
17	N04-750C000-Y8	Nut, HEX 0.75-10, ST Z G8	2
18	WAN-31NX000-20	WSH FL TYPA-NRW 0.3125, ST Z	6
19	WAN-50NX000-20	WSH FL TYPA-NRW 0.50, ST Z	2
20	WAH-75NX000-Y2	WSH FL HRD A-NRW 0.75, ST YZ	2
21	WFD-750XB00-E8	WSH FNDR 0.75 X 2.00, SS18-8	2
22	W07-312X000-20	WSH LCK, MED SPLT 0.312, ST Z	6
23	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	2

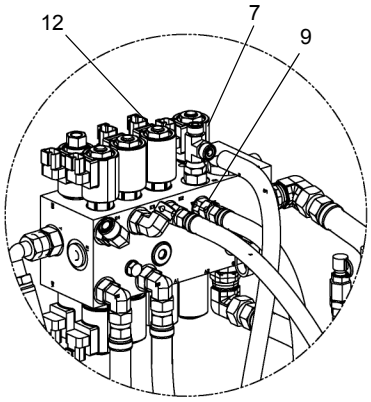




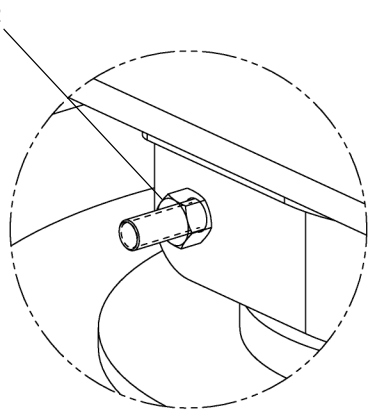
SEE PAGE 51.6



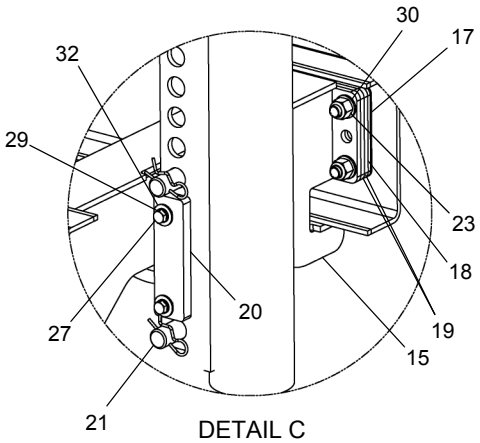
DETAIL A



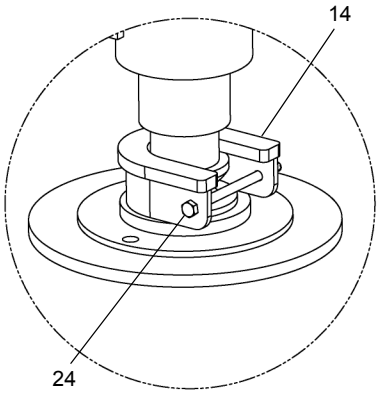
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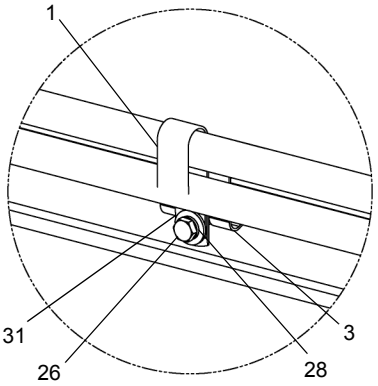
DETAIL E



DETAIL C



DETAIL D



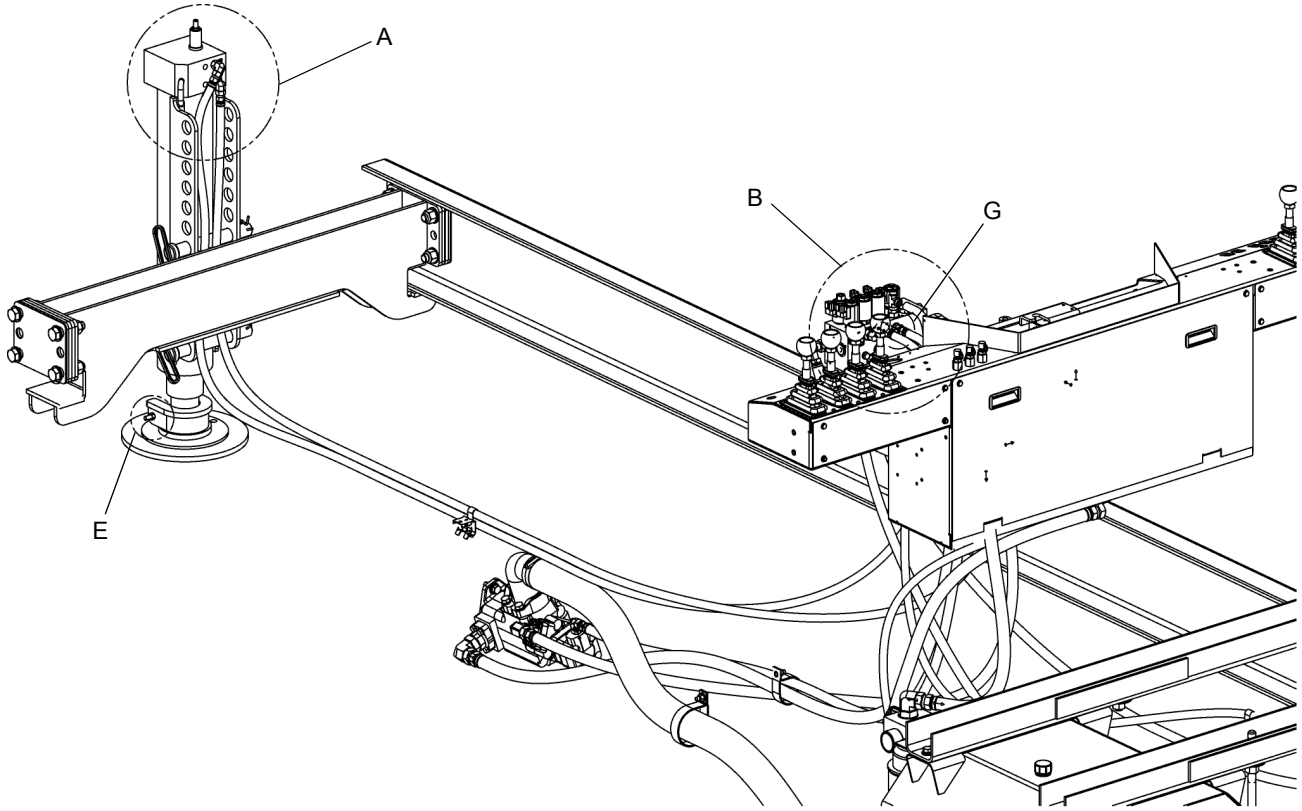
DETAIL F

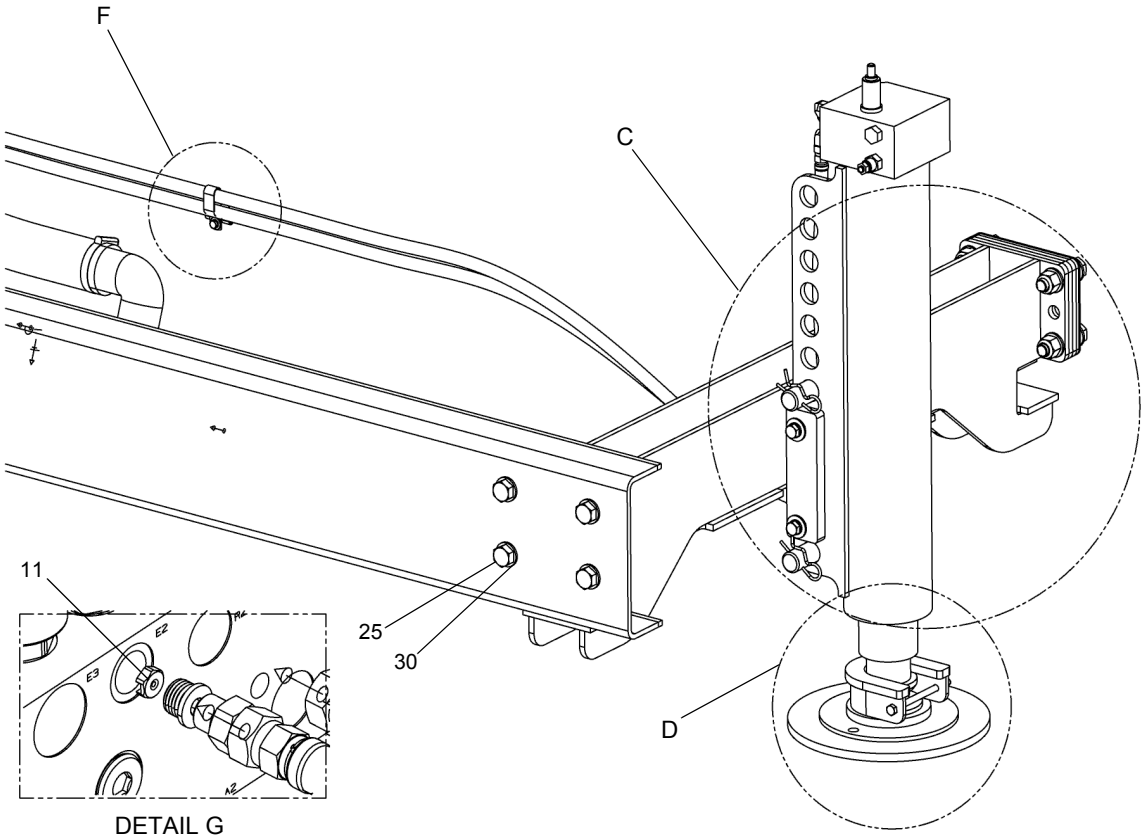
SEE PAGE 51.5

REF	PART NO.	DESCRIPTION	QTY
	765-00059-1 (Rev C)	*INSTL, 34.00 Front Jack*	
1	201-00193	Clamp Block, DBLE	1
2*	209-00877	Tape, Foam 4” X 1”	2
3	209-00879	Frame Clip CADDY, DBLE	1
4*	400-04122	AUX O/R Switch	1
5*	400-25201	Harness, Front Jack	1
6*	402-00049	Toggle Switch Enclosure	1
7	500-01838-01	HYD INSTL, SUBFRM-MAINFRM	REF
8	502-21018	Hose, Front outrigger	2
9	513-40014	STR CONN M#6 OFS X M#6 ORB	2
10	514-54004	Elbow 90º, -6	2
11	551-00153	FBO Cartridge	REF
12	559-00263	Valve, Outrigger	1
13*	655-00013	Optional Decal Location	1
14	717F0362	Pad, FRT Jack	1
15	760-00462	FRT BMPR MTG BRKT	1
16	760-00463	FBO Cylinder Weldment	1
17	789-06043	Plate 7.75 X 6.00 X 0.125	2
18	789-06044	Plate 7.75 X 6.00 X 0.250	2
19	789-06045	Plate 7.75 X 6.00 X 0.375	4
20	789-06084	FRT BMPR MTG BRKT Spacer	2
21	870-30234	Front Jack Pin	2
22	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	1
23	NYL-750C000-Y8	Nut, HEX NYL-INS 0.75-10, ST YZ G8	8
24	S01-375CE50-25	SCR, HHCS 0.375-16 X 5.50, ST Z GR5	1
25	S01-750CC25-Y8	SCR, HHCS 0.75-10X3.25, ST YZ GR8	8
26	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	1
27	SHF-500CA25-25	SCR, HHCS FT 0.50-13X1.25, ST Z G5	4
28	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	1
29	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4
30	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	16
31	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	1
32	WBR-50RXA37-20	WSH, FL TYPB-REG 0.50, ST Z	4

* ITEMS 2, 4, 5, 6 & 13 ARE NOT SHOWN IN THE ILLUSTRATION

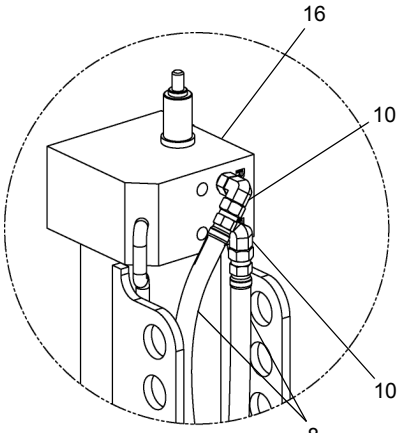
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



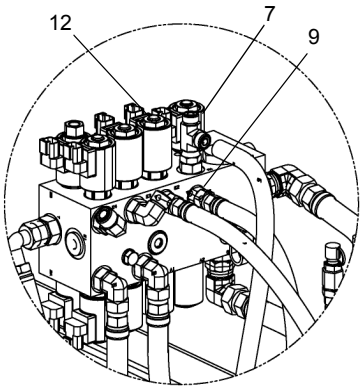


DETAIL G
(EXPLODED)

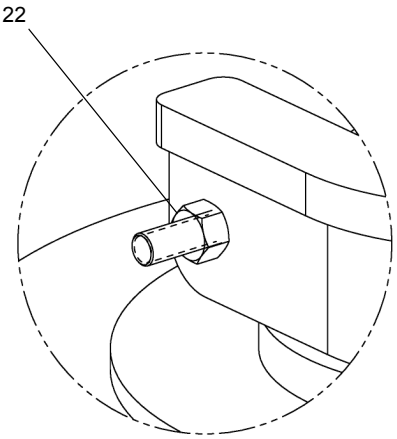
SEE PAGE 51.8



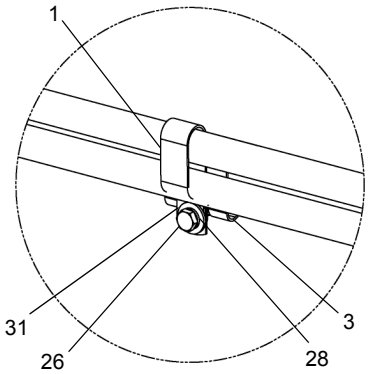
DETAIL A



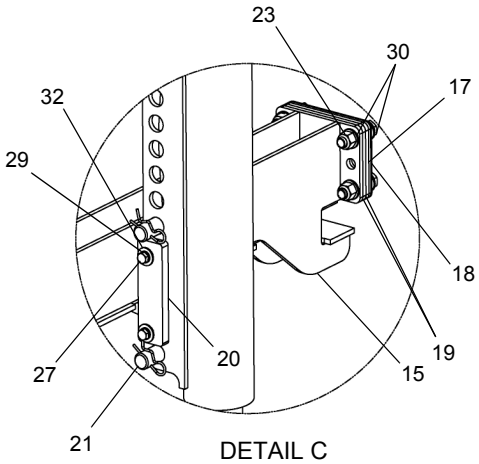
DETAIL B



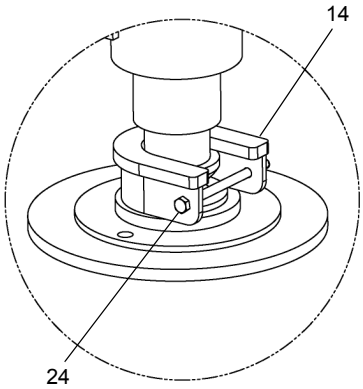
DETAIL E



DETAIL F



DETAIL C



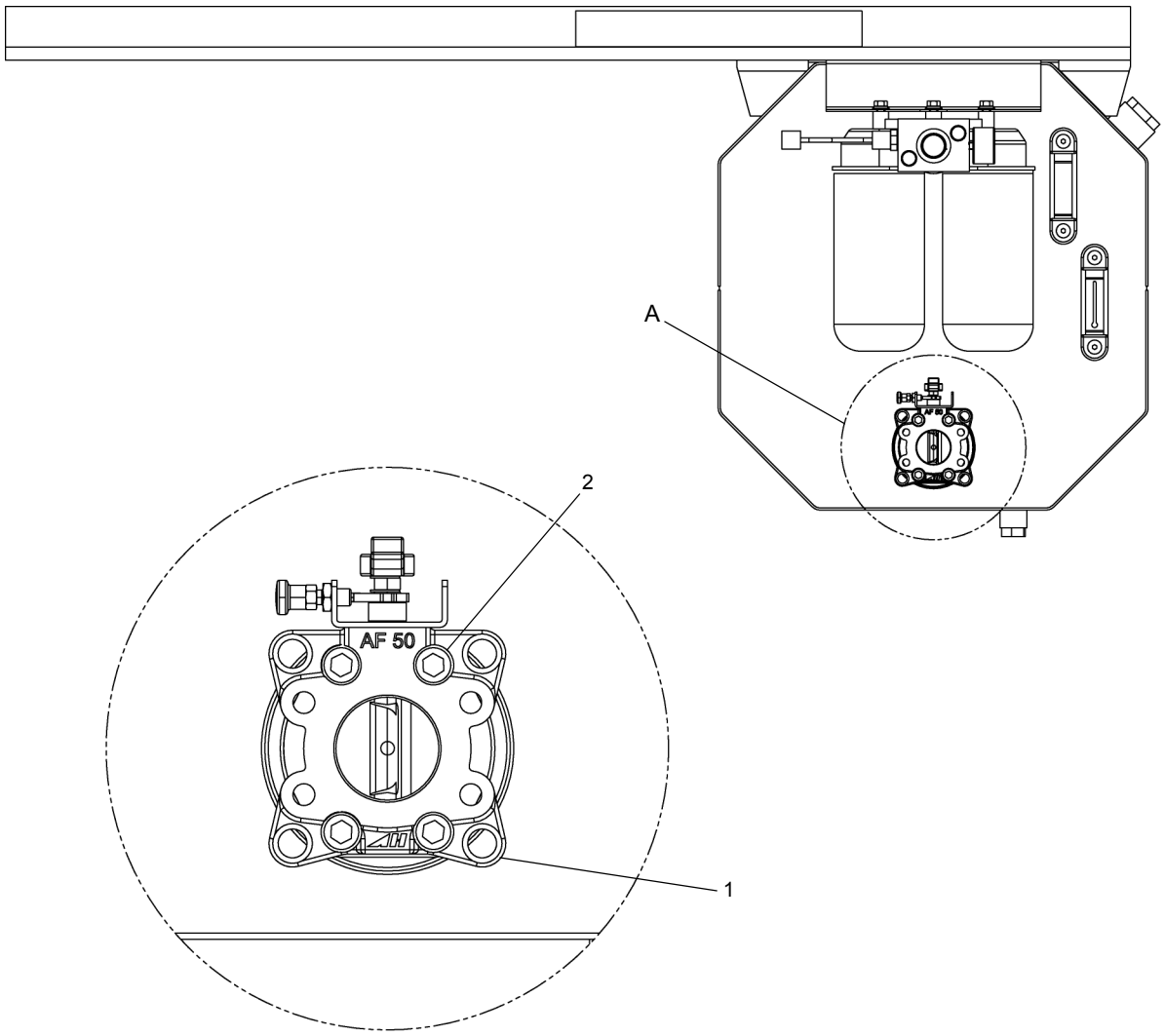
DETAIL D

SEE PAGE 51.7

REF	PART NO.	DESCRIPTION	QTY
	765-00059-2 (Rev B)	*INSTL, 46.00 Front Jack*	
1	201-00193	Clamp Block, DBLE	1
2*	209-00877	Tape, Foam 4" X 1"	2
3	209-00879	Frame Clip CADDY, DBLE	1
4*	400-04122	AUX O/R Switch	1
5*	400-25201	Harness, Front Jack	1
6*	402-00049	Toggle Switch Enclosure	1
7	500-01838-01	HYD INSTL, SUBFRM-MAINFRM	REF
8	502-21018	Hose, Front outrigger	2
9	513-40014	STR CONN M#6 OFS X M#6 ORB	2
10	514-54004	Elbow 90º, -6	2
11	551-00153	FBO Cartridge	REF
12	559-00263	Valve, Outrigger	1
13*	655-00013	Optional Decal Location	1
14	717F0362	Pad, FRT Jack	1
15	760-00460	FRT BMP MTG BRKT	1
16	760-00463	FBO Cylinder Weldment	1
17	789-06043	Plate 7.75 X 6.00 X 0.125	2
18	789-06044	Plate 7.75 X 6.00 X 0.250	2
19	789-06045	Plate 7.75 X 6.00 X 0.375	4
20	789-06084	FRT BMPR MTG BRKT Spacer	2
21	870-30234	Front Jack Pin	2
22	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	1
23	NYL-750C000-Y8	Nut, HEX NYL-INS 0.75-10, ST YZ G8	8
24	S01-375CE50-25	SCR, HHCS 0.375-16 X 5.50, ST Z GR5	1
25	S01-750CC25-Y8	SCR, HHCS 0.75-10X3.25, ST YZ GR8	8
26	SHF-250C750-25	SCR, HHCS FT 0.25-20X0.75, ST Z G5	1
27	SHF-500CA25-25	SCR, HHCS FT 0.50-13X1.25, ST Z G5	4
28	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	1
29	W07-500X000-20	WSH, LCK, MED SPLT 0.50, ST Z	4
30	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	16
31	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z	1
32	WBR-50RXA37-20	WSH, FL TYPB-REG 0.50, ST Z	4

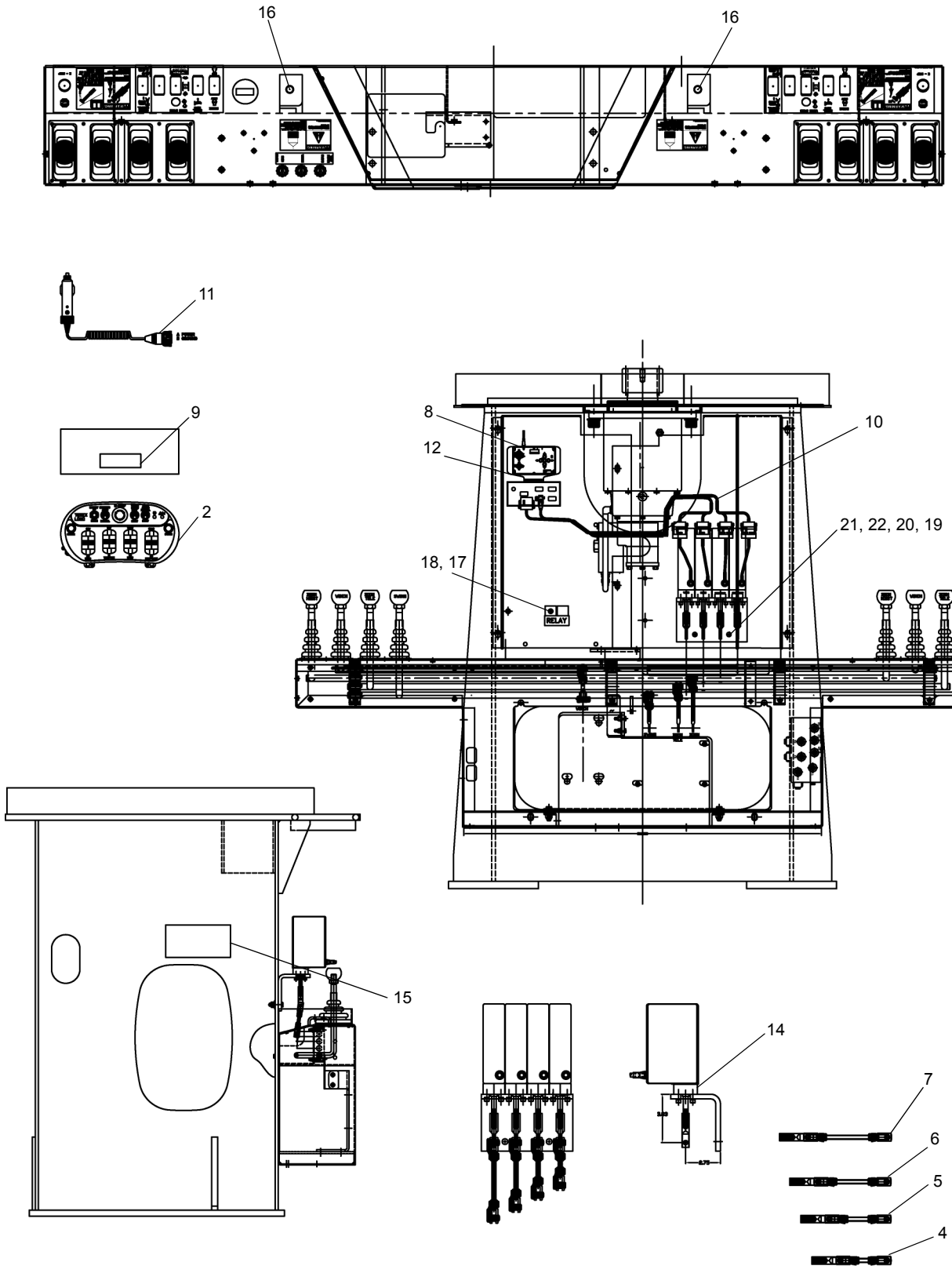
* ITEMS 2, 4, 5, 6 & 13 ARE NOT SHOWN IN THE ILLUSTRATION

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



DETAIL A

REF	PART NO.	DESCRIPTION	QTY
	T125785 (Rev A)	*Hydraulic Tank Shut Off ASSY*	
1	T125772	Valve, Butterfly 1	
2	S14-500CA50-H2	SCR, SHCS 0.50-13 X 1.50, ST Z 4	



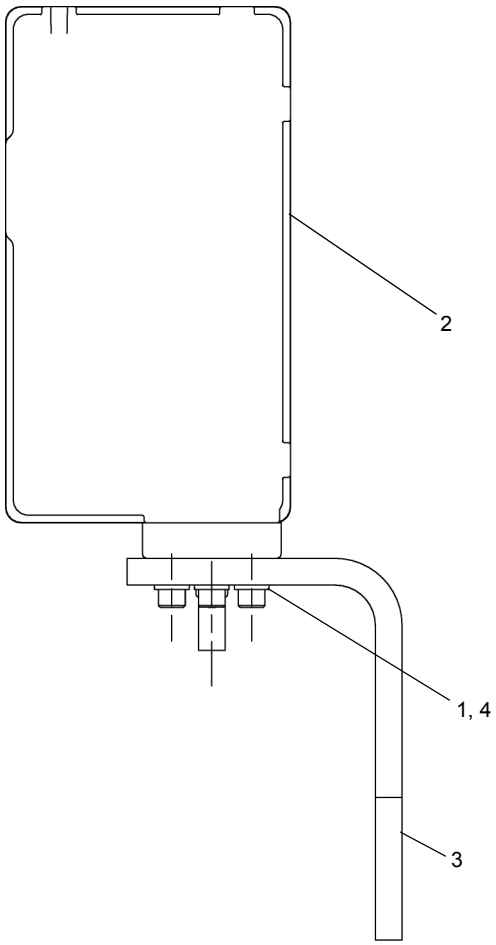
SEE PAGE 51.11

SEE PAGE 51.10

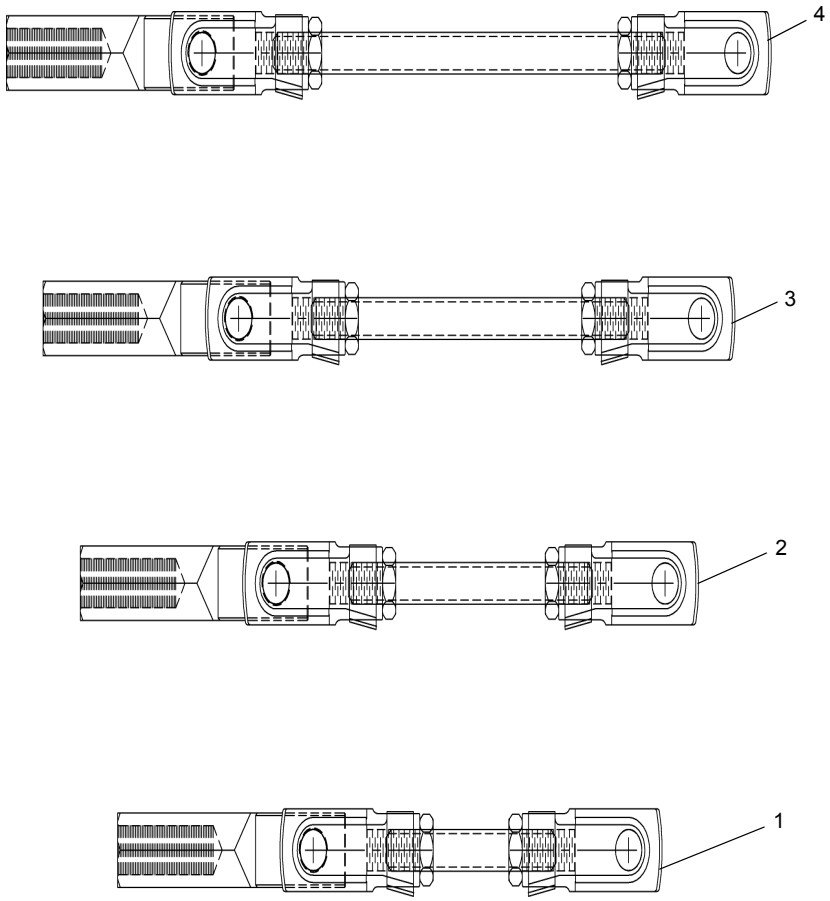
REF	PART NO.	DESCRIPTION	QTY
	T127107 (Rev B)	*Radio Remote ASSY*	
1	T127004	Kit Radio Remote Conlrol System	1
2	T127365	Radio Remote Transmitter	1
3	T127100	Actuator Linkage Kit	1
4	T127396	Actuator Linkages SUB ASSY 3.72	1
5	T127397	Actuator Linkages SUB ASSY 4.59	1
6	T127367	Actuator Linkages SUB ASSY 5.46	1
7	T127101	Actuator Linkages SUB ASSY 6.32	1
8	T127366	Receiver, Main Control	1
9	T127259	Decal-Remote Warning	1
10	T127369	Wire Harness, Ranger 4 Crane	1
11	403-00107	Cigarette Lighter Charger	1
12	T128166	Mounting Bracket	1
13	T127105	Actuator 3.0 Inch Travel	4
14	T127106	Radio Actuator Valve Assembly	1
15	650-00663	Decal, Operating INSTR, Radio Remote	2
16	651-00432	Decal, Remote Control	2
17	NYL-190C000-22	Nut, HEX NYL-INS 10-24, ST Z G2	1
18	SL4-19OC750-25	SCR, SLT RND MS 10-24X0.750, STZG5	1
19	N04-375C000-25	Nut, HEX 0.375-16, ST Z GR5	2
20	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	2
21	S01-375CA50-25	SCR, HHCS 0.375-16X1.50, ST Z GR5	2
22	WAH-37NX000-Y2	WSH, FL HRD A-NRW 0.375, ST YZ	2

REF	PART NO.	DESCRIPTION	QTY
	T127004 (Rev A)	*Kit Radio Remote Control System*	
1	T127365	Transmitter, Radio Remote	1
2	T127366	Receiver, Radio Remote	1
3	T127369	Wire Harness, Ranger 4 Crane	1
4	403-00107	Cigarette Lighter Charger	1
5	T127100	Actuator Linkage Kit	1
6	T127105	Servo Actuator Can, 90 LBS 3" Stroke	4

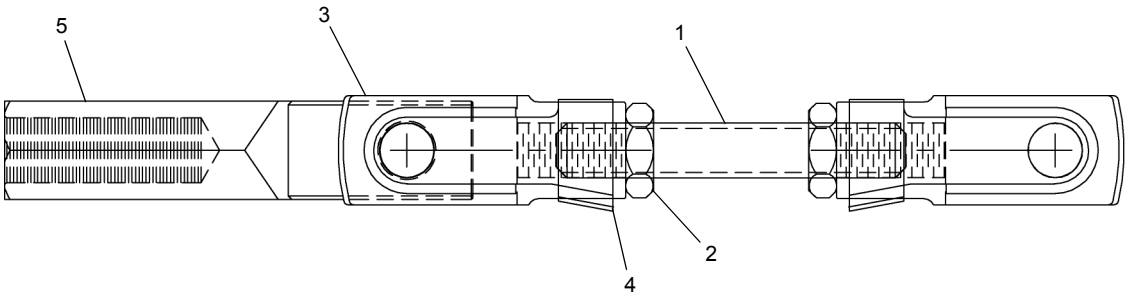
ITEMS 1 TO 6 ARE NOT ILLUSTRATED



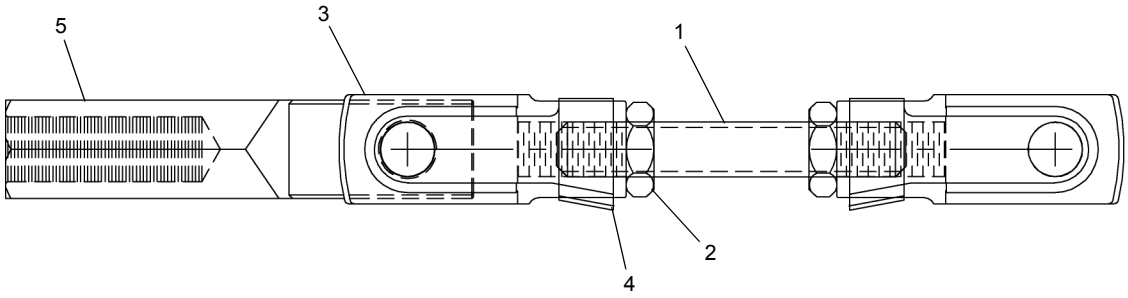
REF	PART NO.	DESCRIPTION	QTY
	T127106 (Rev A)	*Radio Actuator Valve Assembly*	
1	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	16
2	T127105	Servo Actuator 3 Inch Travel	REF
3	T127086	Plate, Actuator MRG BRKT	1
4	S14-250C750-H2	SCR, SHCS 0.25-20 X 0.75, ST Z	16



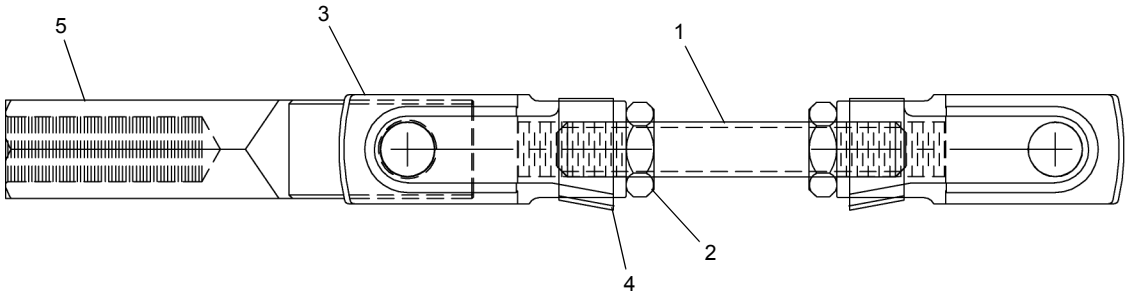
REF	PART NO.	DESCRIPTION	QTY
	T127100 (Rev A)	*Actuator Linkage Kit*	
1	T127396	Actuator Linkage Sub ASSY 3.72	1
2	T127397	Actuator Linkage Sub ASSY 4.59	1
3	T127367	Actuator Linkage Sub ASSY 5.46	1
4	T127101	Actuator Linkage Sub ASSY 6.32	1



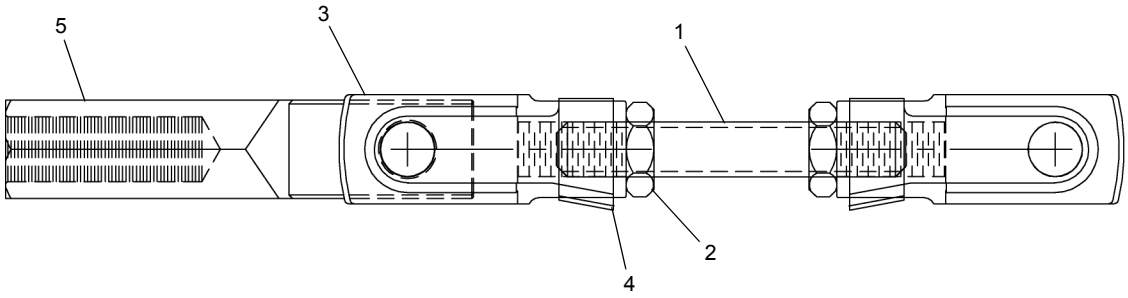
REF	PART NO.	DESCRIPTION	QTY
	T127396 (Rev A)	*Actuator Linkage Subassembly 3.72*	
1	806-00279-1	Actuator Link Thread Rod 5/16-24 X 2.00	1
2	N05-312F000-25	Nut, HEX Jam 0.3125-24, ST Z GR5	2
3	809-00510	Clevis Housing 5/16-24 W/5/16 Pin	2
4	809-00511	Clevis Spring Pin 5/16 DIA	2
5	809-00521	Valve Rod End 3/8-25 THRD 5/16 Pin	1



REF	PART NO.	DESCRIPTION	QTY
	T127397 (Rev A)	*Actuator Linkage Subassembly 4.59*	
1	806-00279-2	Actuator Link Thread Rod 5/16-24 X 2.88	1
2	N05-312F000-25	Nut, HEX Jam 0.3125-24, ST Z GR5	2
3	809-00510	Clevis Housing 5/16-24 W/5/16 Pin	2
4	809-00511	Clevis Spring Pin 5/16 DIA	2
5	809-00521	Valve Rod End 3/8-25 THRD 5/16 Pin	1



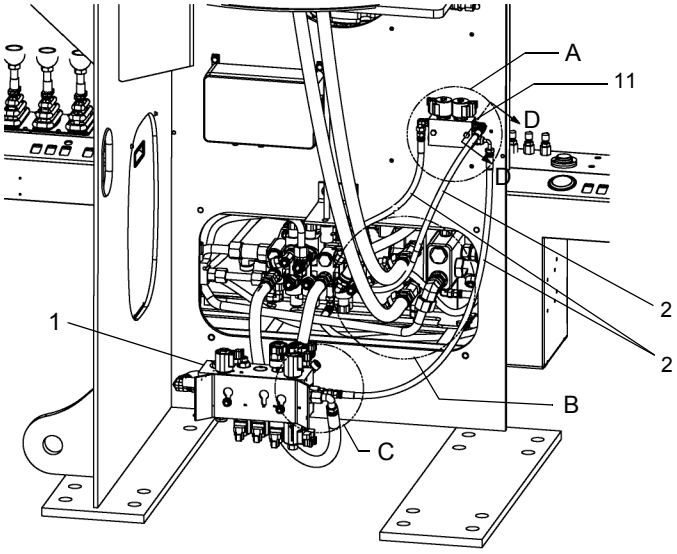
REF	PART NO.	DESCRIPTION	QTY
	T127367 (Rev A)	*Actuator Linkage Subassembly 5.46*	
1	806-00279-3	Actuator Link Thread Rod 5/16-24 X 3.75	1
2	N05-312F000-25	Nut, HEX Jam 0.3125-24, ST Z GR5	2
3	809-00510	Clevis Housing 5/16-24 W/5/16 Pin	2
4	809-00511	Clevis Spring Pin 5/16 DIA	2
5	809-00521	Valve Rod End 3/8-25 THRD 5/16 Pin	1

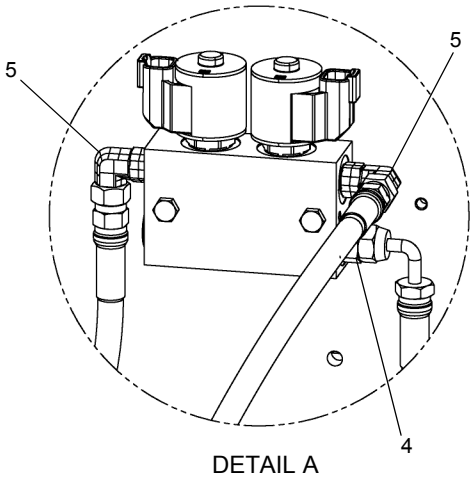


REF	PART NO.	DESCRIPTION	QTY
	T127101 (Rev A)	*Actuator Linkage Subassembly 6.32*	
1	806-00279-4	Actuator Link Thread Rod 5/16-24 X 4.63	1
2	N05-312F000-25	Nut, HEX Jam 0.3125-24, ST Z GR5	2
3	809-00510	Clevis Housing 5/16-24 W/5/16 Pin	2
4	809-00511	Clevis Spring Pin 5/16 DIA	2
5	809-00521	Valve Rod End 3/8-25 THRD 5/16 Pin	1

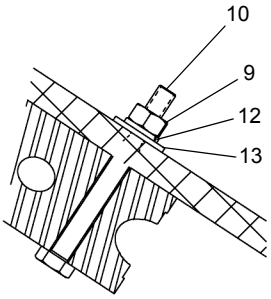
REF	PART NO.	DESCRIPTION	QTY
	T129697 (Rev A)	*Swing Cut-Out Kit*	
1	514-55011	Elbow,90,MOFS-8/MORB-8	2
2	514-55020	Elbow, CONN 90° M#6 OFS X M#8 ORB	1
3	1219-624	Plug	1
4	516-85004	Tee, Swivel	1
5	516-85005	Tee, ORB Port	1
6	516-90010	Tee, Swivel	1
7	T128207	Swing Control Valve	1
8	502-30780	Hose, Swing, 25.75"	1
9	502-30779	Hose, Swing, 28"	1
10	T129629	-6 Hose X 36"	1
11	T128914	Weld Plate	2
12	T128916	Limit Plate	2
13	T128915	Guide Plate	2
14	442-2201	Switch	2
15	S14-190C625-H2	SCR, SHCS 10-24 X 0.625, ST Z	4
16	S14-250C750-H2	SCR, SHCS 0.25-20 X 0.75, ST Z	4
17	W07-250X000-20	WSH,LCK,MED SPLT 0.25, ST Z	4
18	WMF-60MX000-20	WSH, Flat M6 DIN125, ST Z	4
19	S01-250CB00-25	Valve Bolt	2
20	WBR-25RX734-20	Valve Washer	4
21	W07-250X000-20	Valve Lock Washer	2
22	T129695	Wire Harness	1

ITEMS 1 TO 22 ARE NOT ILLUSTRATED

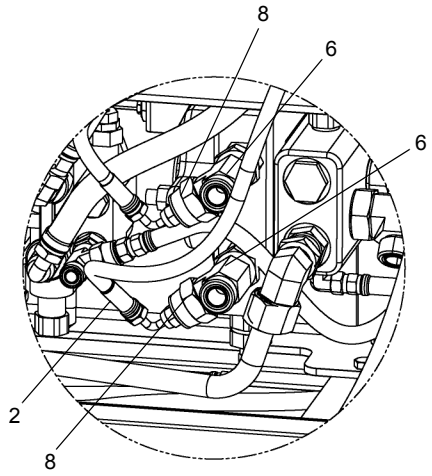




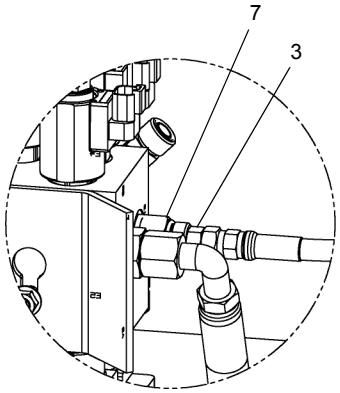
DETAIL A



SECTION D-D



DETAIL B

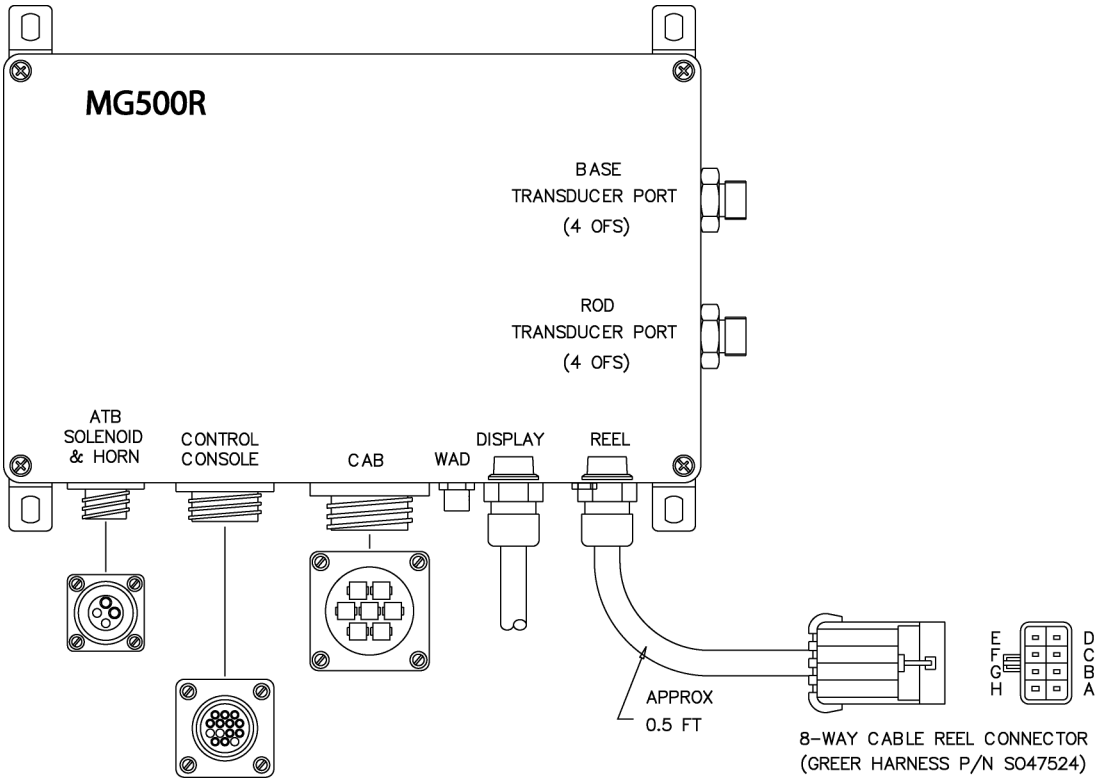


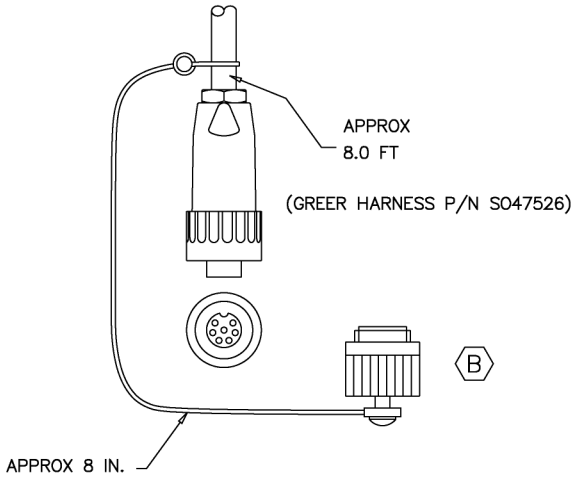
DETAIL C

REF	PART NO.	DESCRIPTION	QTY
	500-01831 (Rev C)	*Inching Valve Option*	
1	500-01837-01	HYD Installation, Mainframe-Console	1
2	502-11340	Hose Assembly, Inch Valve	3
3	513-20017	Adapter, MOFS-4/MORB-4	1
4	513-20019	CONN	1
5	514_52005	ELBOW 90°	2
6	516-87006	Tee -12	2
7	517-00102	Reducer 10 ORB X 4 ORB	1
8	519-70034	Adapter, MOFS-4/FOFS-12	2
9	N04-250C000-25	Nut, HEX 0.25-20, ST Z GR5	2
10	S01-250CB50-25	Screw, HHCS 0.25-20X2.50, ST Z GR5	2
11	T125073	Valve, Inching	1
12	W07-250X000-20	Washer, LCK, MED SPLT 0.25, ST Z	6
13	WBR-25RX734-20	Washer, FL TYPB-REG 0.25, ST Z	2



REF	PART NO.	DESCRIPTION	QTY
1	T117745 (Rev A)	*Display, Greer Insight*.....1	

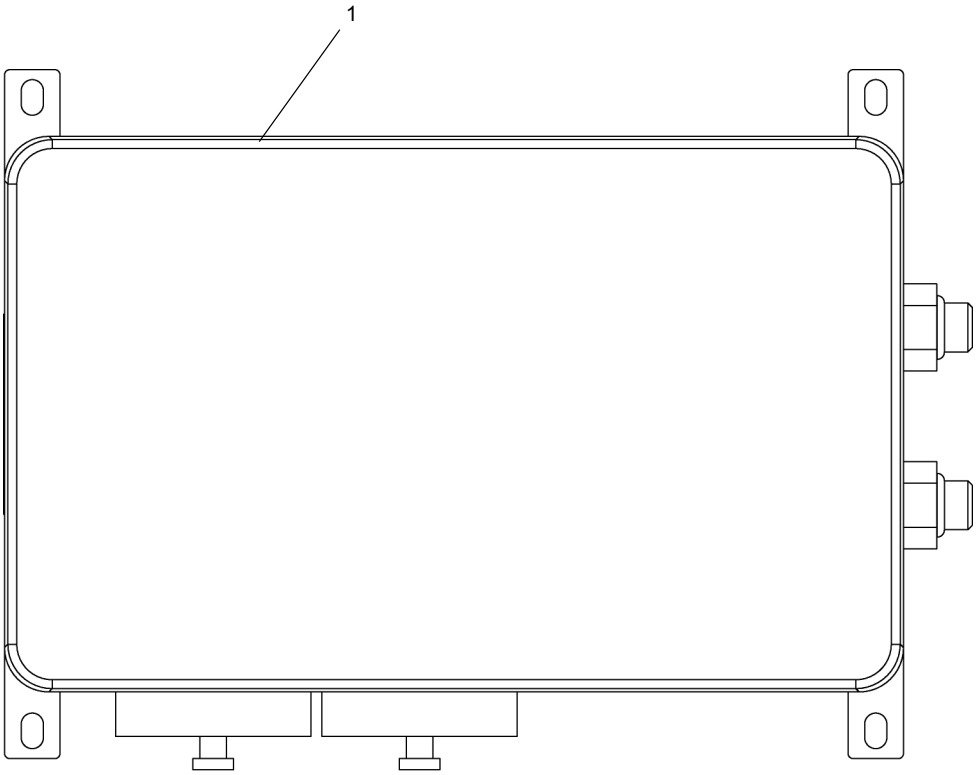




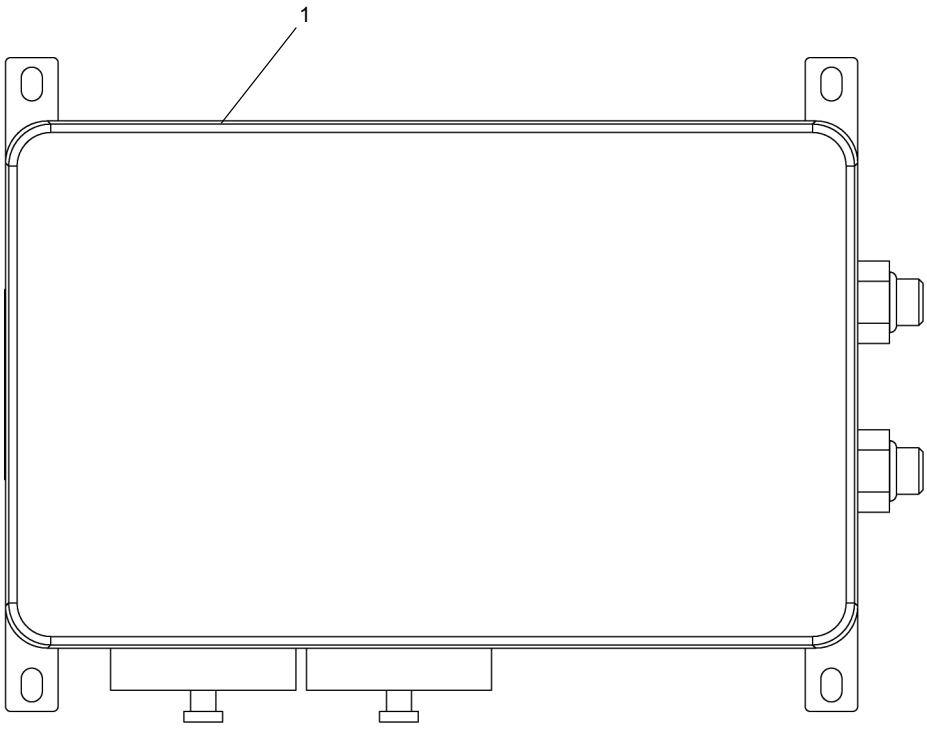
REF	PART NO.	DESCRIPTION	QTY
	400-16141 (Rev 00)	*Control Unit Greer (510 RCI/WAD)*	

NOTE: Return to Manufacturer if component becomes damaged or defective.

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



REF	PART NO.	DESCRIPTION	QTY
1	T118006 (Rev B)	*Computer, Greer A450658*	1



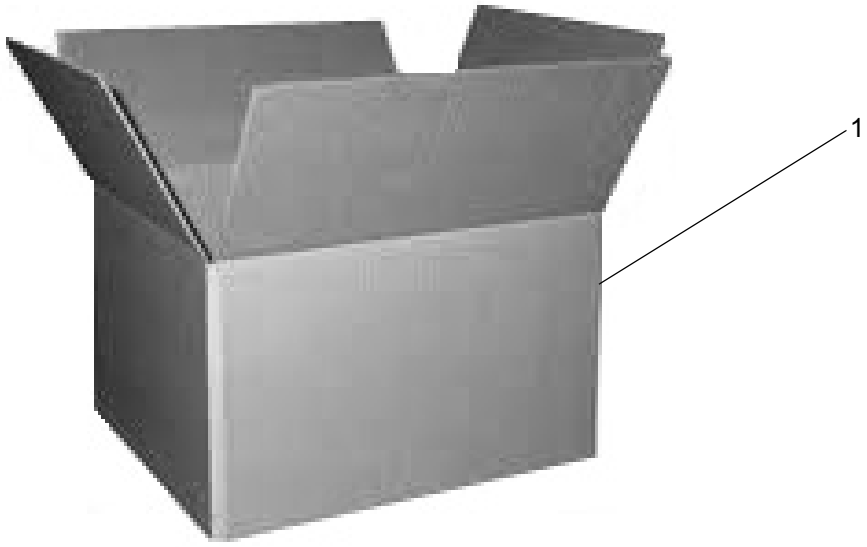
REF	PART NO.	DESCRIPTION	QTY
1	T132578 (Rev A)	*Computer, Greer A450858*	1

SPARE PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
	Winch Parts		
1	058-00431	Die Spring - Winch	12
2	058-00432	Piston Backup Ring - Winch	1
3	058-00597	Sprague Clutch Assembly - Winch	1
4	058-00634	Disc Friction - Winch	7
5	058-00629	Brake Disk - Winch	8
6	058-00728	Seal Kit - Winch	1
7	268-90196	Seal Kit for 540-50049.4 AUX Outrigger	1
8	268-90179	Seal Kit for 540-50046.4 Main Outrigger CYL	1
9	268-90201	Seal Kit for 540-80096.2 Hoist Cylinder	1
10	552-00145	Counterbalance Valve	1
11	501-02018	Hydraulic Filter	4
12	935-00113	Gauge-Filter	1
13	875-90360	Strainer, Suction	2
14	875-90362	Breather Cap 1/2NPT	2
15	875-90395	Sight Gauge, Oil Level	2
16	875-90396	Sight Gauge, Oil Level W/TEMP.	2
17	S01-750CD00-Y8	SCR, HHCS 0.75-10X4.00, ST YZ GR8	20
18	S01-750CD50-Y8	WSH, LCK, MED SPLT 0.25, ST Z	36
19	WAH-75NX000-Y2	WSH, FL HRD A-NRW 0.75, ST YZ	130
20	271-17004	BRG Journal 2.25 DIA.	6
21	274-20004	RLR BRG-Inner Race	2
22	274-30004	Bearing-Inner Race	7
23	729-02836	Wear Pad - Boom	4
24	729-02856	Wear Pad - Boom	2
25	729-02857	Wear Pad - Boom	2
26	729-02860	Cast Side Wear Pad - Boom	4
27	729-02862	Wear Pad - Boom	8
28	729-02872	Wear Pad - Boom	8
29	787-00329	Wear Pad Shim	18
30	860-10009	Sheave ASSY 5.50 DIA 5/16 RO	2
31	860-40050	Sheave ASS'Y 9/16 Rope	5
32	729-02890	Wear Pad - Boom	4
33	729-02819	Wear Pad - Main O/R	4
34	729-02908	Wear Pad - Main O/R	2
35	729-02820	Wear Pad - AUX O/R	2
36	729-02883	Wear Pad - Boom Rest	2

ITEM	PART NO.	DESCRIPTION	QTY
	Gearbox Parts		
37	901-00407	Shaft, Output & Pinion	1
38	901-00354	Kit, Seal	1
39	901-00192	Cone, Bearing	1
40	901-00193	Cup, Bearing	1
41	901-00395	Cone, Bearing	1
42	901-00396	Cup, Bearing	1
43	901-00148	Spring, Green	6
44	901-00149	Plate, Stator	6
45	901-00150	Disc Friction	5
46	901-00029	Breather	1
47	901-00359	Sensor, Hall Effect	1
48	901-00363	Conditioner, W.A.D.	1
49	222906	Coil (1/2" ID Short & 20.5 Watt)	2
50	861-90434	ATB SWCH HVY DTY	1

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MANUAL PACK

ITEM	PART NO. (ENGLISH)	PART NO. (SPANISH)	PART NO. (PORTUGUESE)	PART NO. (FRENCH)	PART NO. (RUSSIAN)	DESCRIPTION	QTY
1	219781 *(Includes items below)*	220571 *(Includes items below)*	-- *(Includes items below)*	-- *(Includes items below)*	-- *(Includes items below)*	*Standard Manual Pack*	1
	12261-379	12261-521	--	--	--	CD-Operator's, Parts, Shop & Schematics	1
	12261-533	12261-471	--	--	--	BT3870/BT28106 Operator's Manual	1
	12261-302	12261-302	--	--	--	Customer Orientation & Operation Checkout	1
	C-70-2	C-70-2	--	--	--	AEM Safety Manual	1
	V-CR	V-CR	--	--	--	AEM Safety Video	1
	12261-644	12261-644	--	--	--	Greer Insight Operation's Video - DVD	1
	T132522	T132523	--	--	--	Terex Product Warranty Certificate-24 Month	1

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