



BT4792

PARTS GROUPS

- 2 CARRIER FRAME**
 - 2.1) Truck Chassis
 - 2.2) Subframe Assembly
 - 2.3) Rear Bumper Assembly
 - 2.4) Flatbed Options
 - 2.5) Flatbed Installation
 - 2.7) Boom Rest Assembly
 - 2.8) Mainframe Installation
 - 2.9) Mainframe Assembly
 - 2.10) Mainframe Assembly
 - 2.11) Mainframe Sub Assembly (Gray & Red)
 - 2.12) Operator Platform Installation
 - 2.13) Ladder Kit, Steel Bed
 - 2.14) Fire Extinguisher
- 3 OUTRIGGERS**
 - 3.1) Outriggers
 - 3.2) Main Outrigger Assembly (Gray & Red)
 - 3.4) Main Outrigger Cylinder Assembly
 - 3.5) Auxiliary Outrigger INSTL (Terex Gray)
 - 3.8) Auxiliary Outrigger INSTL (Terex Red)
 - 3.10) ASSY-HORZ AUX O/R (Terex Gray)
 - 3.13) ASSY-HORZ AUX O/R (Terex Red)
 - 3.16) Vertical Auxiliary Outrigger Cylinder
 - 3.17) Horizontal Auxiliary Outrigger Cylinder
 - 3.18) Front Jack Cylinder
 - 3.19) ASSY, Front Bumper (O/R)
 - 3.21) FRT Outrigger INSTL EXT Frame
 - 3.22) Frightliner EXT Frame
 - 3.23) Front Bumper EXT Frame
 - 3.24) SUBASSY, Front Bumper (O/R)
 - 3.26) ASSY, Front Bumper (O/R) 34" & 46" Frame
 - 3.29) SubASSY, Front Bumper (O/R) 34" & 46" Frame
- 8 STEEL PLATFORM**
 - 8.1) 1-Man Steel Platform INSTL
 - 8.2) 1 Person Steel Platform Assembly
 - 8.4) 2-Man Steel Platform INSTL
 - 8.5) 2 Person Steel Platform Assembly
- 12 SUPERSTRUCTURE**
 - 12.1) Turret Installation
Non - Continuous Rotation
 - 12.3) Swing Stop Installation
Non-continuous Rotation
 - 12.4) Turret Installation Continuous Rotation
 - 12.6) Swing Bearing
- 22 SWING SYSTEM**
 - 22.1) Rotation Gearbox Installation
 - 22.3) Rotation Gearbox Assembly
 - 22.5) Swing Cut-Out Kit
- 24 PUMP DRIVE CASE**
 - 24.1) Hydraulic Pump Installation
 - 24.2) Pump, Triple
- 25 HYDRAULIC SYSTEM**
 - 25.1) Hydraulic Reservoir Installation
 - 25.4) Hydraulic Reservoir Assembly 90GAL
 - 25.5) Filter Assembly
 - 25.6) Main Valve Assembly Combined Flow
 - 25.7) Main Valve Assembly Motor Shift
 - 25.8) Winch Valve Assembly Combined Flow
 - 25.9) Winch Valve Assembly Motor Shift
 - 25.10) Valve Assembly
 - 25.11) Hydraulic Piping, Mainframe Non-continuous Rotation
 - 25.14) Hydraulic Piping, Mainframe Continuous Rotation
 - 25.17) Main Valve Piping Continuous Rotation Option
- 28 OPERATOR'S CONTROLS**
 - 28.1) Control Console ASSY
4792 CF/MS Winch (Gray & Red)
 - 28.8) Control Console
ASSY/Weldment (Gray & Red)
 - 28.10) Throttle INSTL (Electric)
 - 28.12) Throttle Assembly
 - 28.13) Bump Throttle INSTL
 - 28.14) Throttle Pedal (Manual)
- 30 DECALS & PLACARDS**
 - 30.1) Marking Decal Placement (With Terex)
- 33 ELECTRICAL SYSTEM**
 - 33.1) Electrical System Outrigger Alarm Switch
 - 33.2) Subframe Electrical Installation
 - 33.3) Electrical Box Installation
 - 33.4) Electrical Box Installation
- 39 HYDRAULIC TELESCOPING BOOM**
 - 39.1) Boom Assembly - 92'
 - 39.6) Extension Cylinder Assembly - 92' Boom
 - 39.7) Cylinder, Extend
 - 39.8) Extension Tube Assembly 92' Boom
 - 39.9) Cable Guide Installation 92' Boom
 - 39.10) Boom Assembly - 92' CF & MS Winch
 - 39.11) Topping Cylinder Assembly
 - 39.12) Topping Cylinder



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PARTS GROUPS

39A JIB

- 39A.1) Jib Options
- 39A.2) Jib Assembly 26' & 26'/44'
- 39A.6) Jib Stowage
- 39A.7) ASSY, ATB/LMI Cable 2ND Stage Jib

40 HYDRAULIC WINCH

- 40.1) Winch Installation
- 40.2) Winch Installation 2 Speed Option
- 40.4) Winch Assembly

44 HOOK BLOCKS, BALLS

- 44.1) Load Block Assembly 17.5 Ton,
2 Part, 1 Sheave
- 44.2) Hook Block 1 Sheave / 17.5 Ton
- 44.3) Load Block Assembly 22.5 Ton,
4 Part, 2 Sheave
- 44.4) Hook Block 2 Sheave / 22.5 Ton
- 44.5) Hook Ball
- 44.6) Load Ball, 7 Ton
- 44.7) Non-swivel Overhaul Ball 7 Ton

45 WIRE ROPE & REEVING

- 45.1) Wire Rope And Reeving

51 OPTIONAL EQUIPMENT

- 51.1) Tool Box Installation
- 51.2) Oil Cooler Installation
- 51.4) Front Bumper Outrigger Valve
- 51.5) Hydraulic Piping, Aux O/R
- 51.8) Hydraulic Swivel INSTL
Continuous Rotation
- 51.10) Hydraulic Swivel, 15 Pass
Continuous Rotation

- 51.12) Radio Remote Control (W/Bump Throttle)
- 51.14) Actuator Linkage Kit
- 51.15) Radio Remote Control Throttle Installation
- 51.16) Radio Remote Assembly With Foot Throttle
- 51.18) Radio Remote Actuator Assembly
- 51.19) Foot Throttle Actuator Sub Assembly
- 51.20) Kit, Radio Remote System W/Foot Throttle
- 51.21) Actuator Linkage Kit
- 51.22) Winch Cable Tensioner Assembly
- 51.23) Roofer's Package Installation
- 51.26) HYD Ground Tool Circuit
- 51.28) Valve ASSY, Tool Circuit
- 51.29) Auxiliary Sheave
- 51.30) Sheave Assembly
- 51.31) Sheave ASSY 9/16 Rope
- 51.32) Sheave Assembly, Boom Retract
- 51.33) INSTL, Oil Cooler

52 VGA DISPLAY & COMPUTER

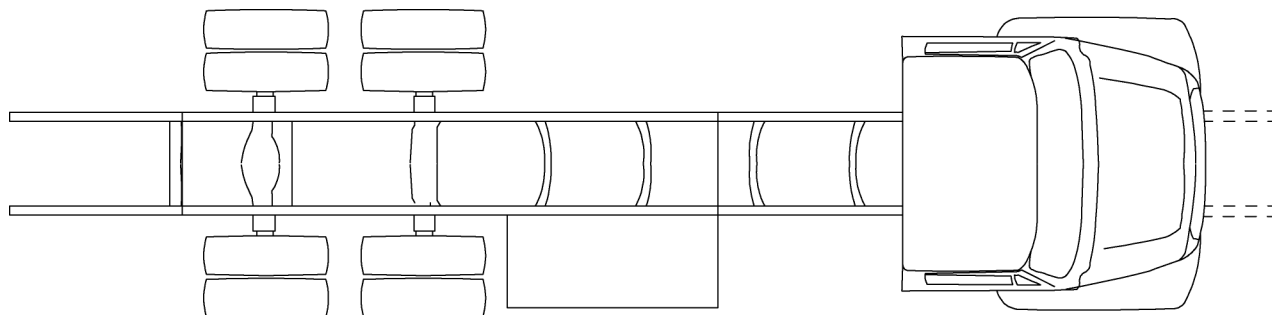
- 52.1) ATB/LMI Installation CYL/Boom Cable Guide INSTL
- 52.2) Non-Boom LMI Parts BT Machines
- 52.3) Greer Insight VGA Display
- 52.4) Greer UG500R Computer
- 52.5) Computer, Greer A450880
(Beginning W / S.N. # 140735)

55 RECOMMENDED SPARE PARTS

- 55.1) Recommended Spare Parts List

58 MANUALS

- 58.1) Manuals



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	660-00050-5 (Rev 00)	Truck Chassis	

Refer to Truck Chassis manufacturer (Freightliner, International etc.) 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

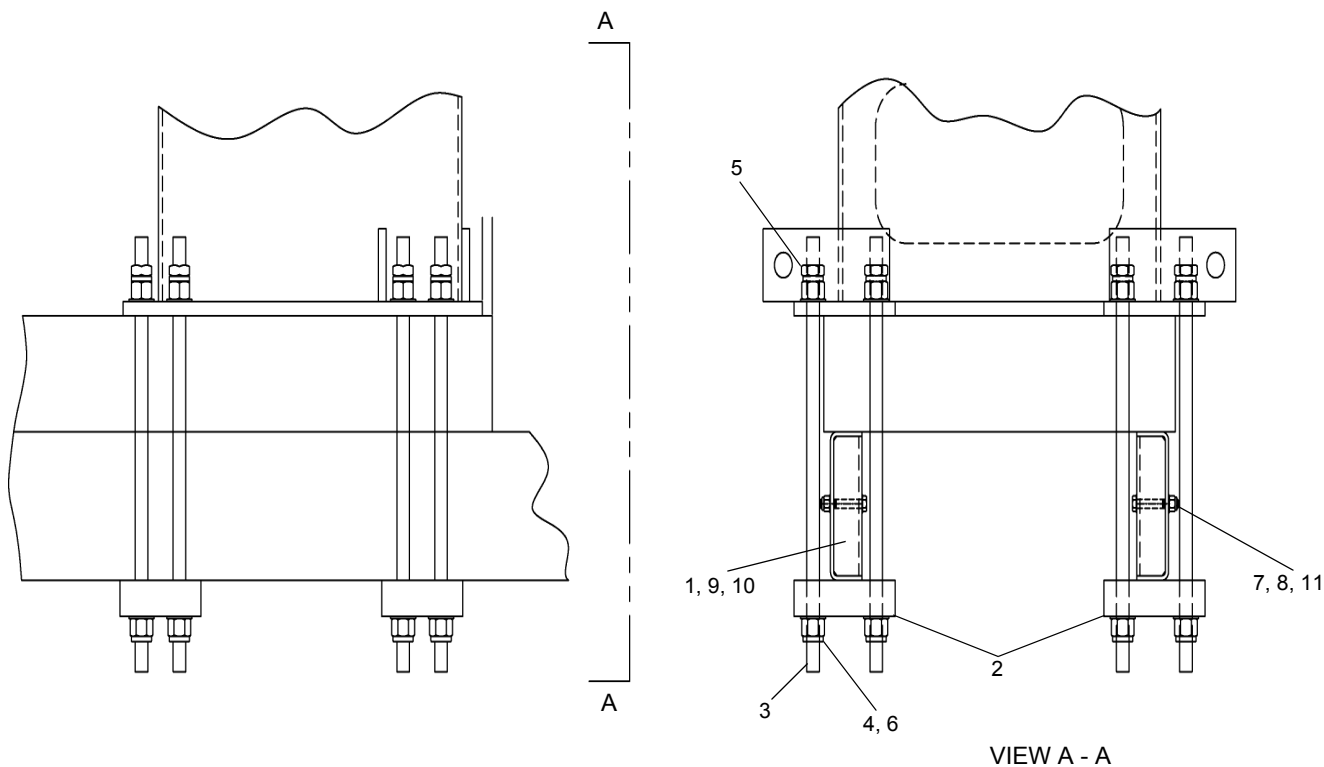
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	21Steel-STD	21' Steel STD Flatbed	1
1	600-38143	Flatbed, 21FT-Steel	1
2	696-00032-1	Flatbed INSTL, STD Duty	1
	21Wood-STD	21' Wood STD Flatbed	1
3	600-38142	Flatbed, 21FT-Wood	1
4	696-00032-1	Flatbed INSTL, STD Duty	1
	21Steel-Super	21' Steel Super Duty Flatbed	1
5	696-00032-2	Flatbed INSTL, Super Duty	1
6	600-38186	F/B-21' S/Duty 3/16 Steel.....	1
	21Wood-Super	21' Wood Super Duty Flatbed	1
7	696-00032-2	Flatbed INSTL, Super Duty	1
8	600-38172	FB-21FT-WD-Super Duty.....	1
	21Steel-STD-R	21' Steel STD Flatbed (Red)	1
9	600-38143.4	Flatbed, Steel, 21 Feet Paint Red	1
10	696-00032-1	Flatbed INSTL, STD Duty	1
	21Wood-STD-R	21' Wood STD Flatbed (Red)	1
11	600-38142.4	Flatbed, Wood, 21 Feet Paint Red.....	1
12	696-00032-1	Flatbed INSTL, STD Duty	1

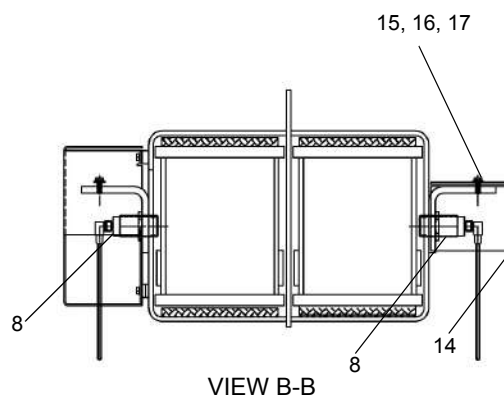
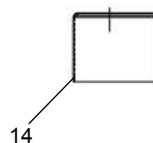
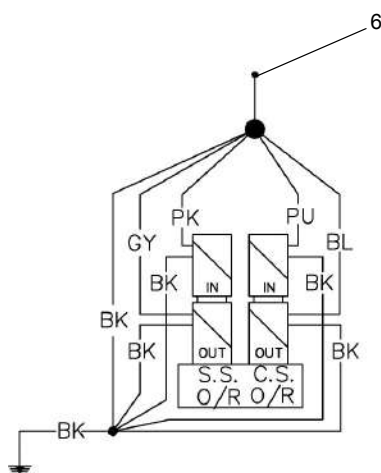
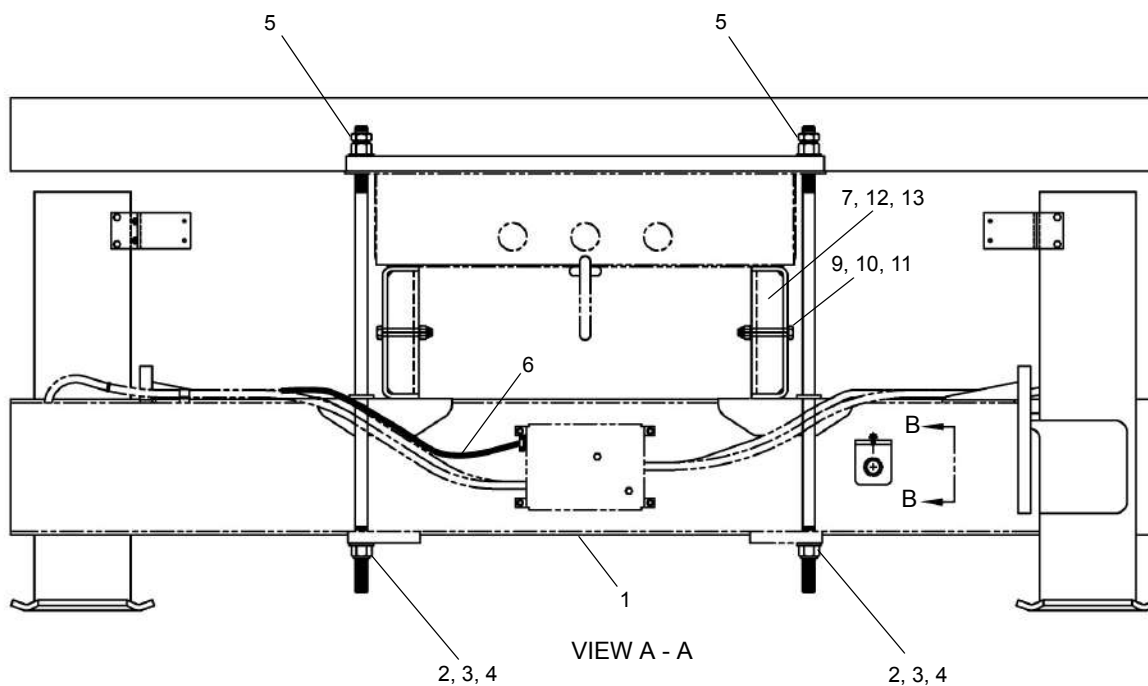
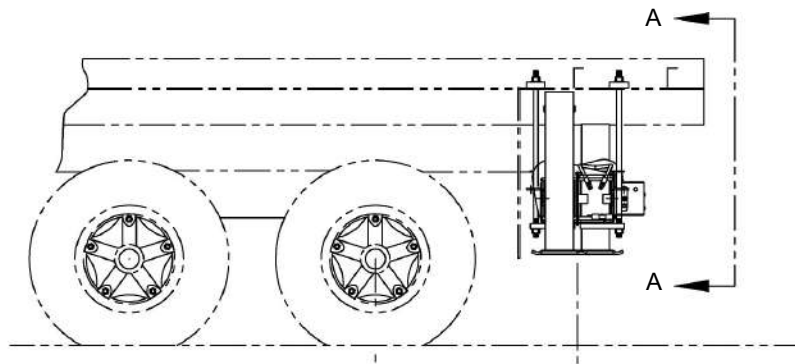
ITEMS 1 TO 12 ARE NOT ILLUSTRATED

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



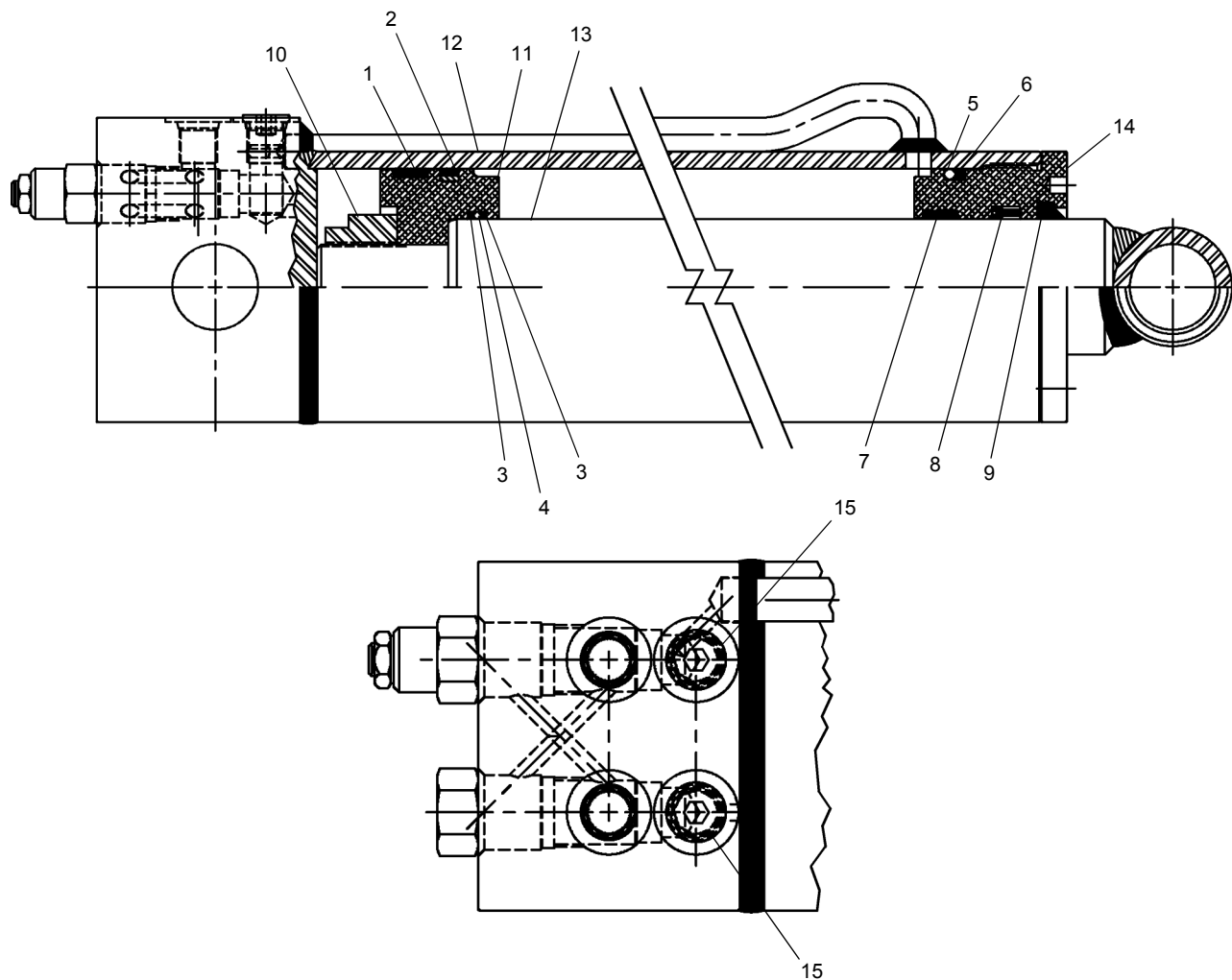
REF	PART NO.	DESCRIPTION	QTY
	700-00990-1 (Rev C)	M/F Turret Installation	
1	709-01902-1	Frame Stiffener 9.50" (021-40046)	A/R
2	783-02895	Clamp Bar	4
3	220-09078	Tiedown Stud 1-1/4 NF X 30	16
4	NYH-A25F000-22	Nut, NYL-INS HVY 1.25-12, ST Z	32
5	N05-A25F000-Y8	Nut, HEX Jam 1.25-12 ST YZ GR8	16
6	WAH-A2NX000-Y2	WSH, FL HRD A-NRW 1.25 ST YZ	32
7	WAH-62NX000-Y2	WSH, FL HRD A-NRW 0.625 ST YZ	8
8	NYL-625C000-25	Nut, HEX NYL_INS 0.625-11, ST Z G5	4
9	709-01902-2	Frame Stiffener 9.63" (021-40042)	4
10	709-01902-3	Frame Stiffener 9.75" (021-40051)	A/R
11	S01-625CD00-25	SCR, HHCS 0.625-11 X 4.00, ST Z GR5	4

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



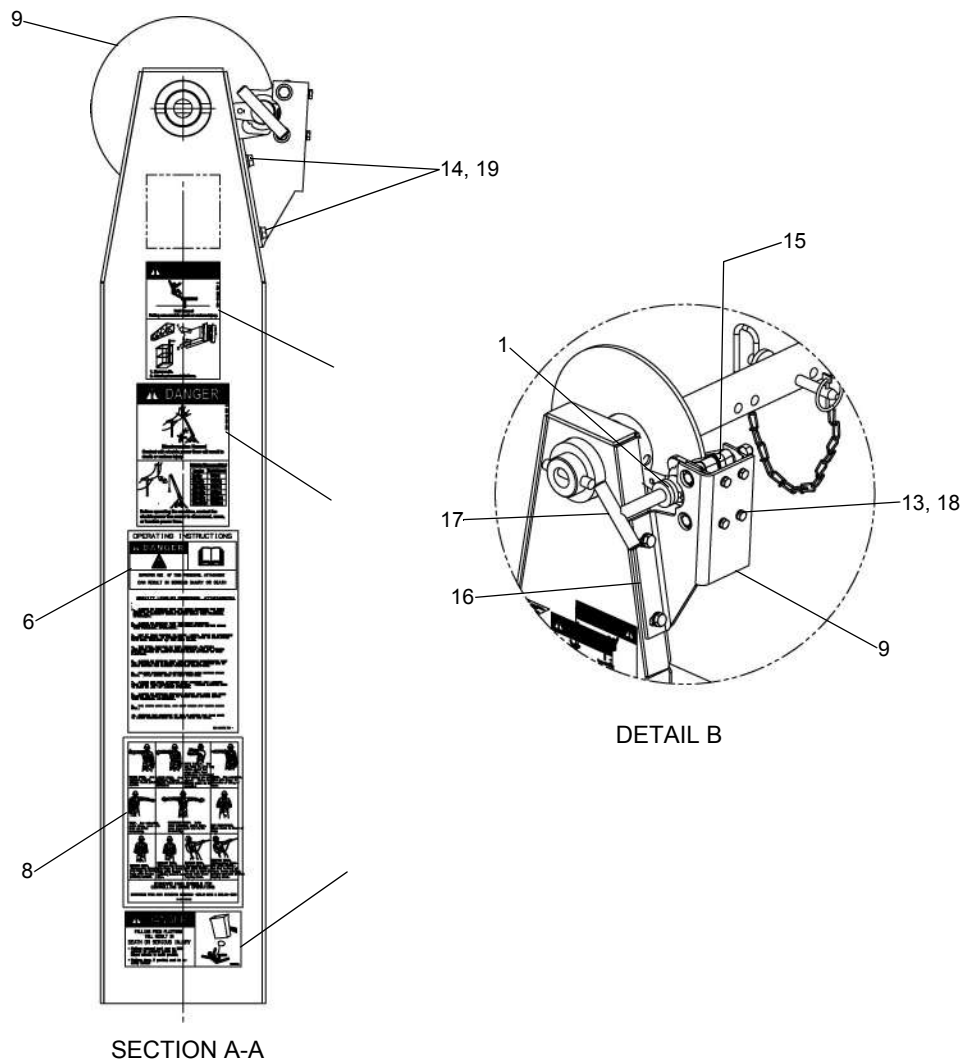
SEE PAGE 3.9

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



REF	PART NO.	DESCRIPTION	QTY
	540-20142-2 (Rev 00) <i>Front Jack Cylinder</i>		
	226098	<i>Seal Kit (Items 1 thru 9)</i>	
1	226086	Wear Ring	1
2	226087	PSP Seal	1
3	226088	Back-Up Ring	2
4	226089	O'Ring	1
5	226090	O'Ring	1
6	226091	Back-Up Ring	1
7	218901	Wear Ring	1
8	226092	Loaded U-Cup	1
9	217985	Rod Wiper	1
10	226093	Locknut	1
11	226094	Piston	1
12	226095	Barrel Assembly	1
13	226096	Rod Assembly	1
14	226097	Internal Head	1
15	218693	Steel Plugs	2

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



SEE PAGE 8.2

REF	PART NO.	DESCRIPTION	QTY
	730-20431 (Rev C) ASSY. Platform 1-Man (Steel)		
1	222-01003	Washer, Brake S/ASSY-BUCKT	2
2	224-19004	Roll - Pin - 1/2 X 3LG	2
3	419264A	Platform Danger Decal (Terex TEL).....	1
4	651-00412	Decal, Electrocution	1
5	651-00422	Decal, JIB Removal, Lift Attach.....	2
6	651-00466	Danger Label - Pers	2
7	651-00469	Decal, Hands Off Rail.....	5
8	651-00496	Decal, Crane Hand Signals	2
9	730-20064	Disc Brake Weldment.....	1
10	730-20432	Weld, 1-Man Platform (Steel)	1
11	870-00131	PIN ASSY, JIB Restrain	1
12	870-60206	Pin, 1-Man Platform.....	1
13	SHF-250C500-25	SCR, HHCS FT 0.25-20 X 0.50, ST Z G5	4
14	SHF-375CA00-25	SCR, HHCS FT 0.375-16 X 1.00, ST Z G5	2
15	T124468	Mechanical Brake W/Bracket	1
16	T124483	Brake MTG BRKT - 10" Disc.....	1
17	T124496	Gravity Brake Handle	1
18	W07-250X000-20	WSH, LCK, MED SPLT 0.25, ST Z	4
19	W07-375X000-20	WSH, LCK, MED SPLT 0.375, ST Z	2

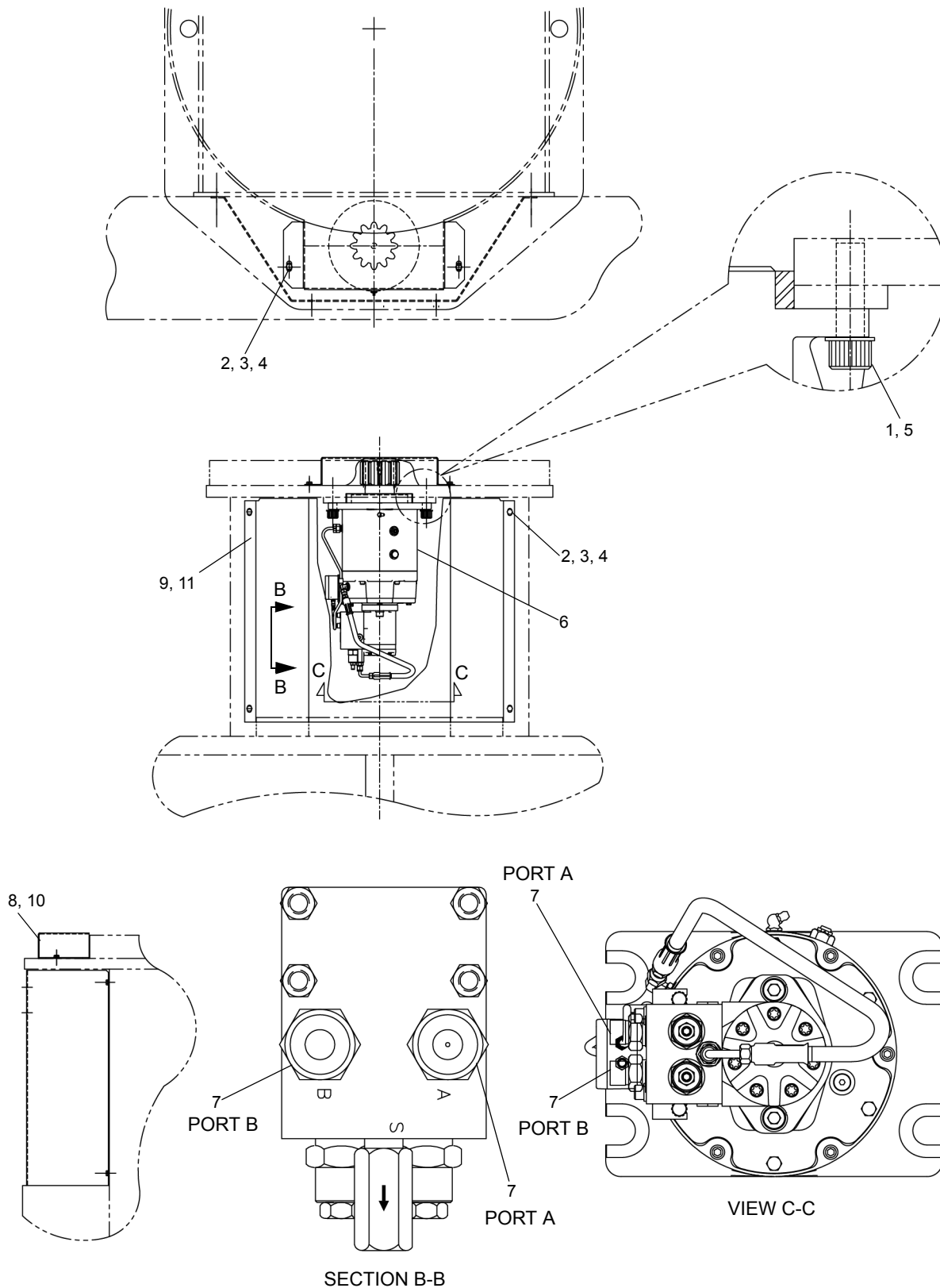
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



1 PERSON STEEL PLATFORM ASSEMBLY

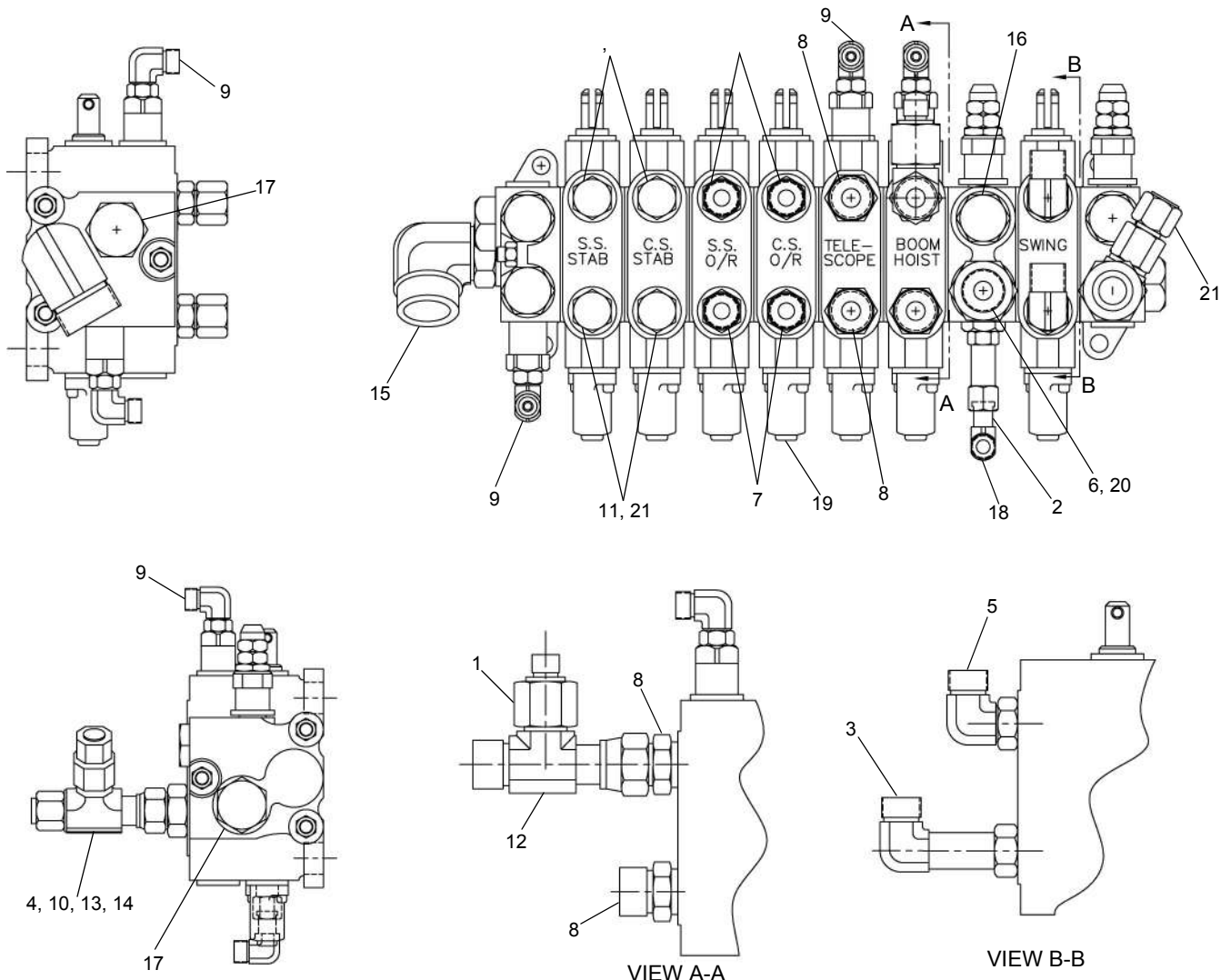
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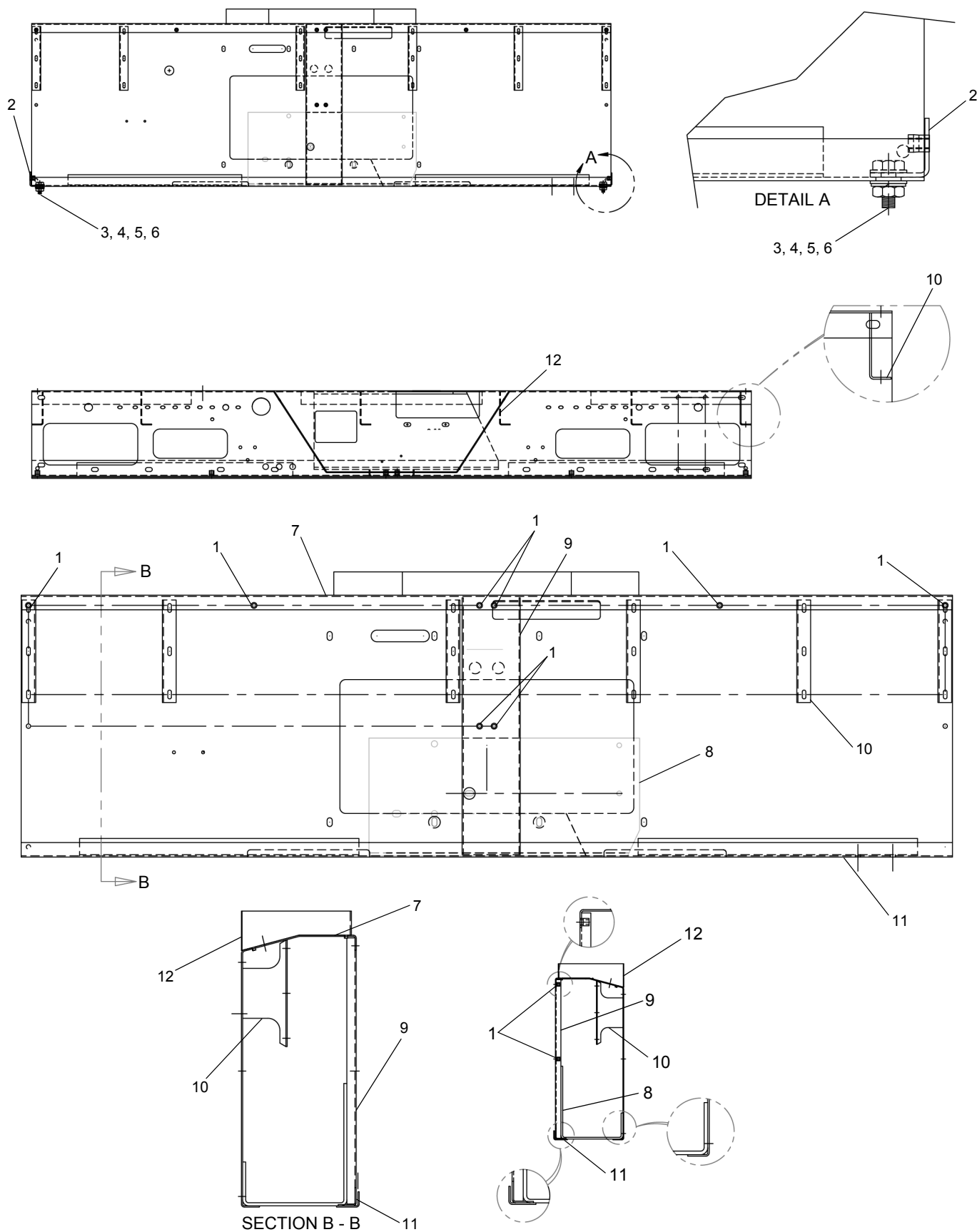
SEE PAGE 22.2

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



REF	PART NO.	DESCRIPTION	QTY
500-01804-2 (Rev F) Valve ASSY, Main W/FTGS, CF WINCH			
1	375-0002	Reducer, F10 OFS X M4 OFS	1
2	513-30003	Connector, L M#4 OFS x M#4 ORB	1
3	514-55015	90 Elbow, M#8 OFS x M#8 ORB	1
4	519-50012	Reducer, F#8 OFS x M#4 OFS	1
5	514-55011	90 Elbow, M#8 OFS x M#8 ORB	1
6	513-70038	CONN, L M#10 OFS x #10 ORB	1
7	513-50023	CONN, M#8 OFS x M#8 ORB	4
8	513-60012	CONN, M#10 OFS x M#8 ORB	4
9	514-52003	90 Elbow, M#4 OFS x M#4 ORB	3
10	516-85004	Tee 2x, M#8 OFS x F#8 OFS	1
11	513-40018	CONN, M#6 OFS x M#8 ORB	4
12	516-86002	Tee, Swivel Nut F100FS x M100FS x M100FS	1
13	513-50027	STR CONN, M#8 OFS x M10 ORB	1
14	519-50010	Cap, Tube, F#8 OFS	1
15	514-59024	90 Elbow, M#16 OFS x M#12 ORB	1
16	517-30002	Plug, M#10 ORB	1
17	517-30004	Plug, M#12 ORB	1
18	514-62002	90 Elbow, M#4 OFS x M#4 ORB	1
19	550-00422	Valve ASSY, Main (7000)	1
20	519-70032	Cap, Tube, F#12 OFS	1
21	519-40007	Cap, Tube, F#6 OFS	5

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



SEE PAGE 28.9

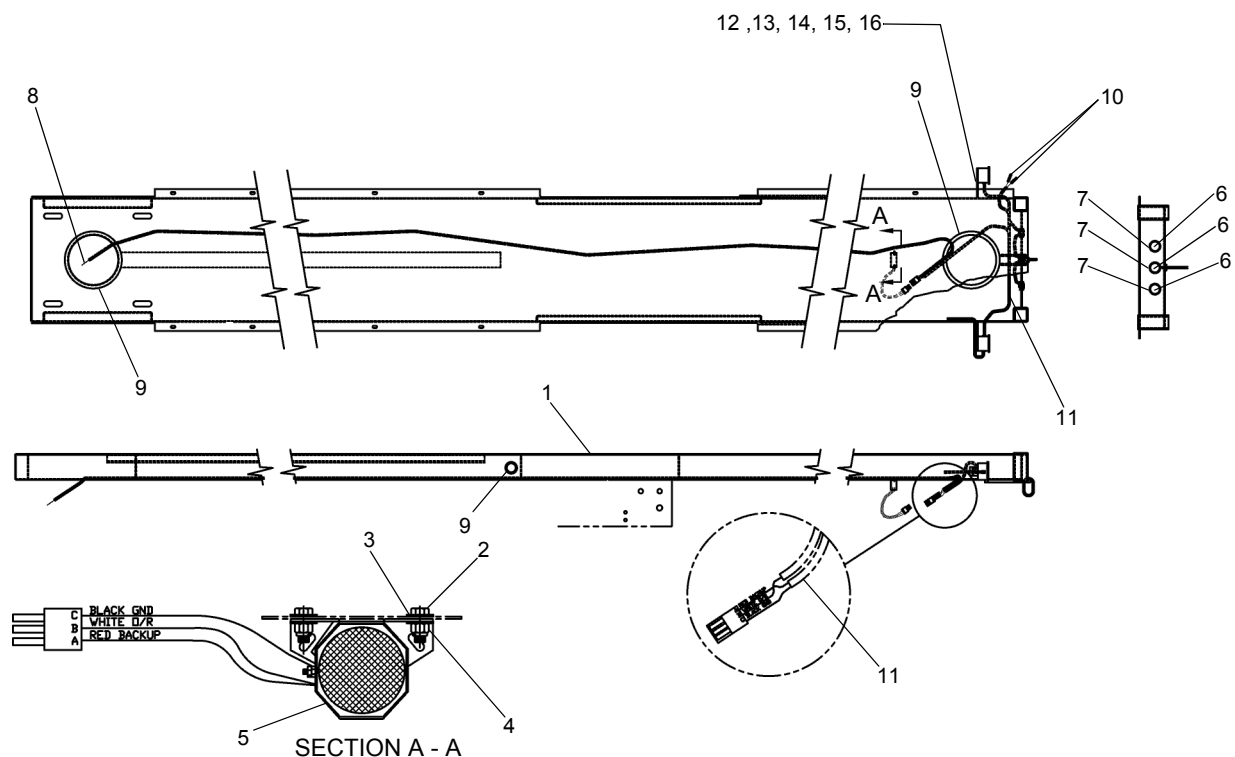
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**CONTROL CONSOLE
ASSY/WELDMENT (GRAY & RED)**

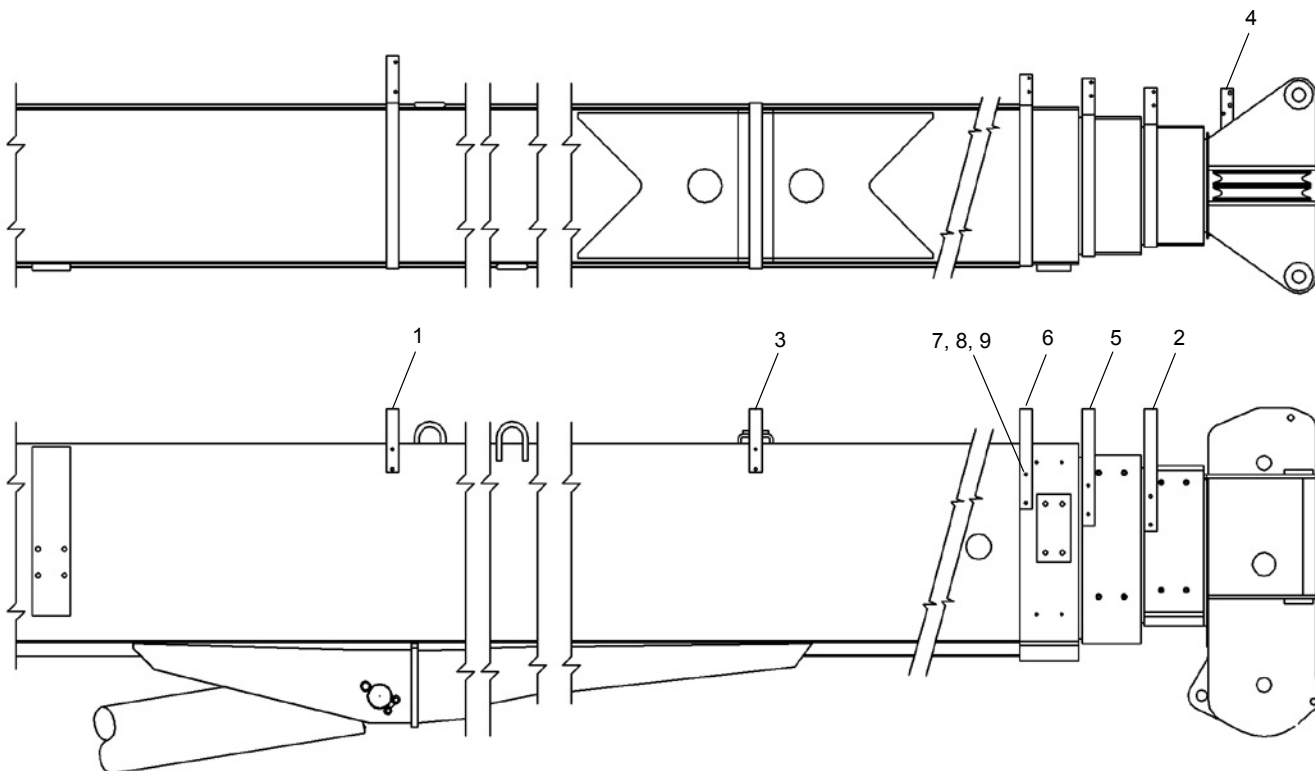
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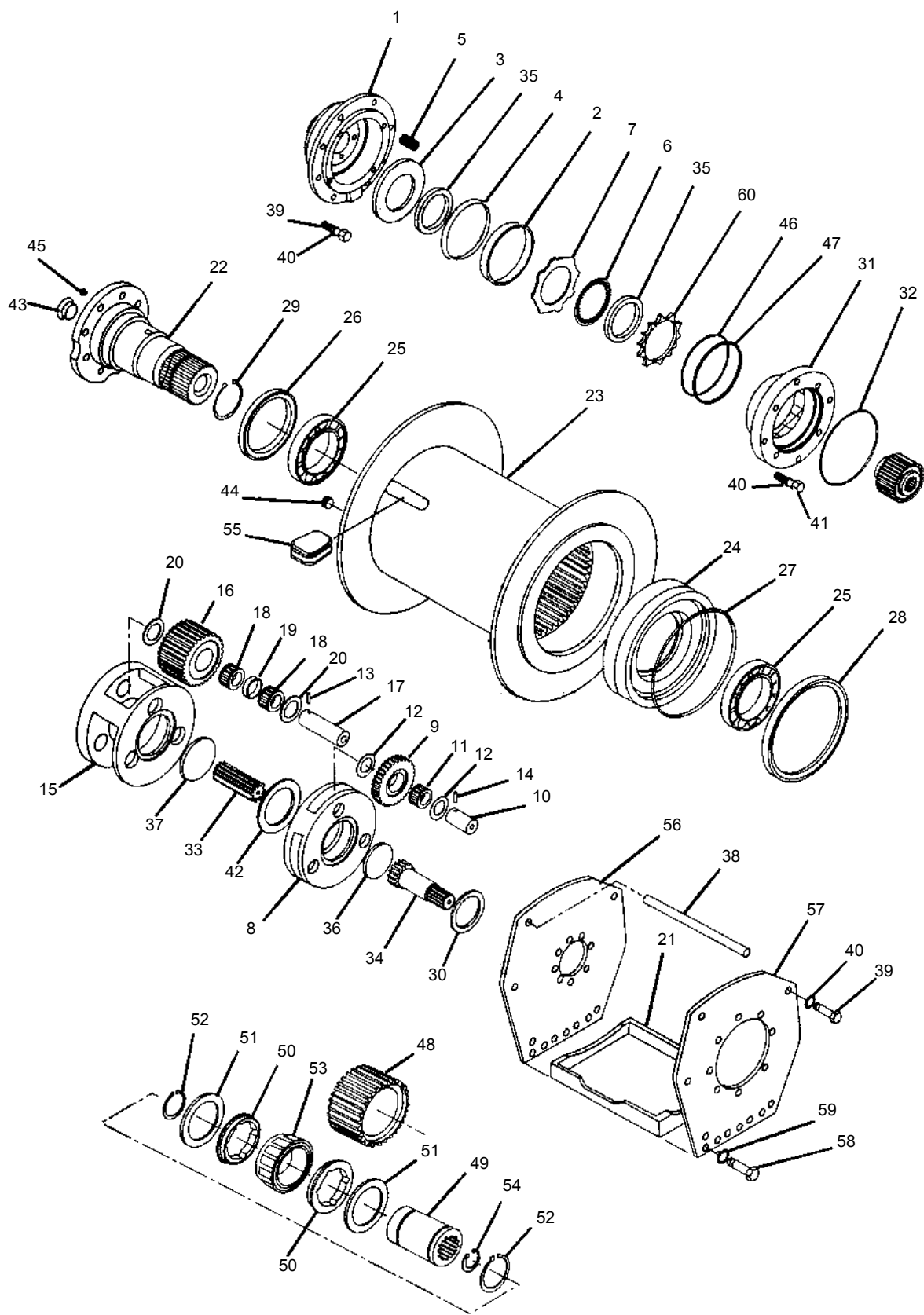
REF	PART NO.	DESCRIPTION	QTY
	691-00001 (Rev P)	Outrigger Alarm Switch Assembly	
1	Boom Trucks	Subframe Weldment.....	REF
2	SHF-250CA00-25	SCR, HHCS, FL 0.25-20 X 1.00, ST Z G5.....	2
3	WBR-25RX734-20	WSH, FL TYPB-REG 0.25, ST Z.....	2
4	NYL-250C000-25	Nut, Hex, NYL-INS 0.25-20, ST Z G5	2
5	714A1432	Horn ASSY, ECCO #DF532.....	1
6	400-09113	Light, 2 1/2" Red Reflectized, TL#10205R.....	3
7	400-09318	Grommet, 2 1/2", LITE & 3" Hole TL#10704	3
8	400-02323	Terminal Ring, #8-16/14 GA.....	1
9	209-00174	Seal Trim	10'
10	400-02230	Terminal-Butt Connection 16/14 GA	2
11	400-25163	Wire Harness, Tail Light-Alarm-O/R.....	1
12	789-05681	Bracket, Tail Light.....	2
13	SHF-312CA25-25	SCR, HHCS, FL 0.312-18 x 1.25, ST Z G5.....	4
14	WBR-31RX875-20	WSH, FL, TYPB-REG 0.3125, ST Z.....	8
15	W07-312X000-20	WSH, LCK, MED-SPLT 0.3125, ST Z	4
16	N04-312C000-25	Nut, Hex 0.3125-18, ST Z GR5.....	4

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REF	PART NO.	DESCRIPTION	QTY
	721-00234-5 (Rev E) Cable Guide INSTL		
1	729-02687.3	Rope Guide - Rear Base Boom.....	1
2	729-02349.3	BRKT LMI/Rope Guide - 3rd Stage.....	1
3	729-02352.3	BRKT MID Base Boom Rope Guide	1
4	729-02354.3	BRKT Boom Tip Cable Anchor.....	1
5	729-02696.3	BRKT LMI/Rope Gide 2nd Stage	1
6	729-02351.3	BRKT LMI/Rope Guide Base BM FRT	1
7	222-01001	Flat Washer 5/16 PLTD	22
8	222-11002	Lockwasher , 5/16 PLTD	22
9	220-01013	HHCS, 5/16-18 UNC x .63 LG PLTD	22

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



SEE PAGE 40.5

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

SEE PAGE 45.1

REF	PART NO.	DESCRIPTION	QTY
1	861-60090	Ball and Hook, Swivel, 7 Ton (Ref Page 44.6)	1
**	861-90367	Ball and Hook, Non-Swivel 7 Ton (Ref Page 44.7)	1
2	861-60104	Load Block, 17.5 Ton 3 Part Line (Ref Page 44.2)	1
	861-60105	Load Block, 22.5 Ton 3 - 5 Part Line (Ref Page 44.4)	1
3	861-90296	Wedge and Socket 9/16	1
4*	861-90059	Clamp	1
5	717 0882	Weight & Chain Anti-Two Block (Ref Page 52.1)	1
6*	870-30200	Pin, 1 1/4 x 5 1/4" Long	1
7*	224-04002	Hairpin (Ref Page 39.5)	1
8*	224-04001	Pin, Cotter (Ref Page 39.5)	1
9	861-16085	Wire Rope, Rotation Resistant, 9/16" x 315'	1
10	861-16089	Wire Rope, 6 x 25 IWRC, 9/16" x 315'	1
11*	735-00004	Sheave, Auxiliary (Ref Page 51.29)	1

** USE WITH 861-16089

* ITEMS 4, 6, 7, 8 & 11 ARE NOT SHOWN IN THE ILLUSTRATION

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WIRE ROPE & REEVING

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