

Product: 2007 Terex BT7000 Boom Trucks Workshop Parts Manual
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PARTS MANUAL

BT7000

Sample of manual. Download All 123 pages at:
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REVISED APRIL 2007

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12261-297

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 Turret behind the Operator's Seat.



PART IDENTIFICATION:

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

<u>REF.</u>	<u>PART.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
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:
Mid State Equipment
Milwaukee, WI

SHIP TO:
Ace Construction Co.
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: Seat would be found in "Operator's Cab & Machinery Housing" Group 27).
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 100'	39
---------------------------	-----------

JIB ASSEMBLY	39A
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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.



BT7000

PARTS GROUPS

LOWER

2 CARRIER FRAME

- 2.1 TRUCK CHASSIS
- 2.2 SUBFRAME ASSEMBLY
- 2.3 SUBFRAME INSTALLATION
- 2.4 FLATBED OPTIONS
- 2.5 FLATBED INSTALLATION
- 2.6 BOOM REST ASSEMBLY
- 2.7 MAINFRAME INSTALLATION
- 2.8 MAINFRAME INSTALLATION
- 2.9 OPERATOR PLATFORM
INSTALLATION

3 OUTRIGGERS

- 3.1 OUTRIGGERS
- 3.2 MAIN OUTRIGGER
ASSEMBLY
- 3.3 MAIN OUTRIGGER CYLINDER
- 3.4 MAIN OUTRIGGER CYLINDER
- 3.5 AUXILIARY OUTRIGGER
ASSEMBLY
- 3.6 AUXILIARY OUTRIGGER
CYLINDER
- 3.7 AUXILIARY OUTRIGGER
CYLINDER

UPPER

12 SUPERSTRUCTURE

- 12.1 TURRET INSTALLATION
NON-CONTINUOUS ROTATION
- 12.2 TURRET INSTALLATION
CONTINUOUS ROTATION
- 12.3 SWING STOP INSTALLATION

HYDRAULICS

22 SWING SYSTEM

- 22.1 ROTATION GEARBOX
INSTALLATION
- 22.2 ROTATION GEARBOX
ASSEMBLY

24 PUMP DRIVE CASE

- 24.1 HYDRAULIC PUMP
INSTALLATION
- 24.2 TRIPLE VANE HYDRAULIC
PUMP ASSEMBLY
- 24.3 TRIPLE VANE HYDRAULIC
PUMP ASSEMBLY



BT7000

PARTS GROUPS

25 HYDRAULIC SYSTEM

- 25.1 HYDRAULIC RESERVOIR ASSEMBLY
- 25.2 HYDRAULIC RESERVOIR INSTALLATION
- 25.3 HYDRAULIC RESERVOIR FILTER INSTALLATION
- 25.4 HYDRAULIC RESERVOIR PIPING
- 25.5 MAIN VALVE ASSEMBLY
- 25.6 MAIN VALVE SUBASSEMBLY
- 25.7 MAIN VALVE PIPING
NON-CONTINUOUS
ROTATION
- 25.8 HYDRAULIC PIPING
NON-CONTINUOUS
ROTATION
- 25.9 HYDRAULIC PIPING - SWING
- 25.10 HYDRAULIC PIPING
MAIN OUTRIGGERS
- 25.11 HYDRAULIC PIPING
AUXILIARY OUTRIGGERS
- 25.12 UNLOADER VALVE ASSEMBLY
- 25.13 WINCH VALVE ASSEMBLY

CONTROLS

28 OPERATOR CONTROLS

- 28.1 CONTROL CONSOLE ASSEMBLY
- 28.2 CONTROL CONSOLE ASSEMBLY
- 28.3 CONTROL CONSOLE ASSEMBLY
- 28.4 THROTTLE INSTALLATION
- 28.5 THROTTLE INSTALLATION

MISCELLANEOUS

29 TOOLS, PAINT, LUBRICANTS

- 29.1 TOOLS / PAINTS
- 29.2 SPLIT FLANGE CLAMPS
- 29.3 CLAMPS

30 DECALS & PLACARDS

- 30.1 MARKING DECAL PLACEMENT
- 30.2 MARKING DECAL PLACEMENT
- 30.3 CONSOLE DECAL
- 30.4 OUTRIGGER MARKING DECAL

ELECTRICAL

33 ELECTRICAL SYSTEM

- 33.1 ELECTRICAL SYSTEM HARNESSES
- 33.2 ELECTRICAL SYSTEM CONSOLE CONTROLS
- 33.3 ELECTRICAL SYSTEM OUTRIGGER ALARM SWITCH



PARTS GROUPS

BT7000

WINCH, BOOM, & ATTACHMENTS

39 HYDRAULIC TELESCOPING BOOMS

- 39.1 BOOM ASSEMBLY - 100'
BASE SECTION
- 39.2 BOOM ASSEMBLY - 100'
BASE SECTION
- 39.3 BOOM ASSEMBLY - 100'
SECOND SECTION
- 39.4 BOOM ASSEMBLY - 100'
SECOND SECTION
- 39.5 BOOM ASSEMBLY - 100'
THIRD SECTION
- 39.6 BOOM ASSEMBLY - 100'
THIRD SECTION
- 39.7 BOOM ASSEMBLY - 100'
TIP SECTION
- 39.8 BOOM ASSEMBLY - 77'
BASE SECTION
- 39.9 BOOM ASSEMBLY - 77'
BASE SECTION
- 39.10 BOOM ASSEMBLY - 77'
SECOND SECTION
- 39.11 BOOM ASSEMBLY - 77'
SECOND SECTION
- 39.12 BOOM ASSEMBLY - 77'
TIP SECTION
- 39.13 BOOM ASSEMBLY - 77'
TIP SECTION
- 39.14 EXTENSION CYLINDER
ASSEMBLY - 100'
- 39.15 EXTENSION CYLINDER
ASSEMBLY - 77'
- 39.16 EXTENSION CYLINDER
- 39.17 HOIST CYLINDER / CABLE
GUIDE INSTALLATIONS
- 39.18 HOIST CYLINDER
ASSEMBLY
- 39.19 HOIST CYLINDER

39A JIB

- 39A.1 JIB ASSEMBLY SINGLE
STAGE
- 39A.2 JIB ASSEMBLY - TWO STAGE
- 39A.3 JIB STOWAGE

40 HYDRAULIC WINCH

- 40.1 COMBINED FLOW 2 SPEED
WINCH INSTALLATION
- 40.2 WINCH ASSEMBLY
- 40.3 WINCH ASSEMBLY
- 40.4 WINCH ASSEMBLY
BRAKE VALVE

44 HOOK BLOCKS, BALLS

- 44.1 HOOK BLOCK - 1 SHEAVE
20 TON
- 44.2 HOOK BLOCK - 2 SHEAVE
30 TON
- 44.3 HOOK BLOCK - 4 SHEAVE
40 TON
- 44.3 OVERHAUL BALL - 7 TON
SWIVEL
- 44.4 OVERHAUL BALL - 7 TON
NON-SWIVEL

45 WIRE ROPE, REEVING

- 45.1 WIRE ROPE, REEVING



PARTS GROUPS

BT7000

ACCESSORIES

51 OPTIONAL EQUIPMENT

- 51.1 TOOL BOX - INSTALLATION
- 51.2 FRONT BUMPER OUTRIGGER -
INSTALLATION
- 51.3 FRONT BUMPER OUTRIGGER
ASSEMBLY
- 51.4 FRONT BUMPER OUTRIGGER
ASSEMBLY
- 51.5 FRONT BUMPER OUTRIGGER
VALVE
- 51.6 OPTIONAL HYDRAULIC TANK
INSTALLATION
- 51.7 OPTIONAL HYDRAULIC TANK
ASSEMBLY
- 51.8 OIL COOLER INSTALLATION
- 51.9 HYD GROUND TOOL CIRCUIT
- 51.10 HYDRAULIC SWIVEL / PIPING
INSTALLATION
- 51.11 MAIN VALVE PIPING -
CONTINUOUS ROTATION
- 51.12 WINCH VALVE PIPING -
CONTINUOUS ROTATION
- 51.13 RADIO REMOTE CONTROL
- 51.14 RADIO REMOTE CONTROL
INSTALLATION
- 51.15 RADIO REMOTE CONTROL
THROTTLE INSTALLATION
- 51.16 RADIO REMOTE CONTROL
RELAY BOX ASSEMBLY
- 51.17 1 PERSON STEEL PLATFORM -
ASSEMBLY
- 51.18 2 PERSON STEEL PLATFORM -
ASSEMBLY
- 51.19 2 PERSON STEEL PLATFORM -
ASSEMBLY

- 51.20 WINCH CABLE TENSIONER -
ASSEMBLY

- 51.21 MOTOR SHIFT 2 SPEED WINCH
INSTALLATION

52 RATED CAPACITY INDICATOR

- 52.1 RCI INSTALLATION
- 52.2 RCI BOOM INSTALLATION
- 52.3 RCI BOOM INSTALLATION
- 52.4 RCI COMPUTER ASSEMBLY
- 52.5 RCI REEL ASSEMBLY
- 52.6 RCI DISPLAY
- 52.7 ANGLE DISPLAY OPTION



Refer to Truck Chassis manufacturer (Ford, Freightliner, Sterling, etc.) for truck repair/replacement parts.

RECORD VEHICLE/MACHINE INFORMATION BELOW FOR USE WHEN ORDERING PARTS

<u>Truck Chassis</u> Manufacturer _____ Model _____	Comments
<u>Boom Truck</u> Model No. _____ Serial No. _____	Comments
Optional Equipment _____	Comments

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



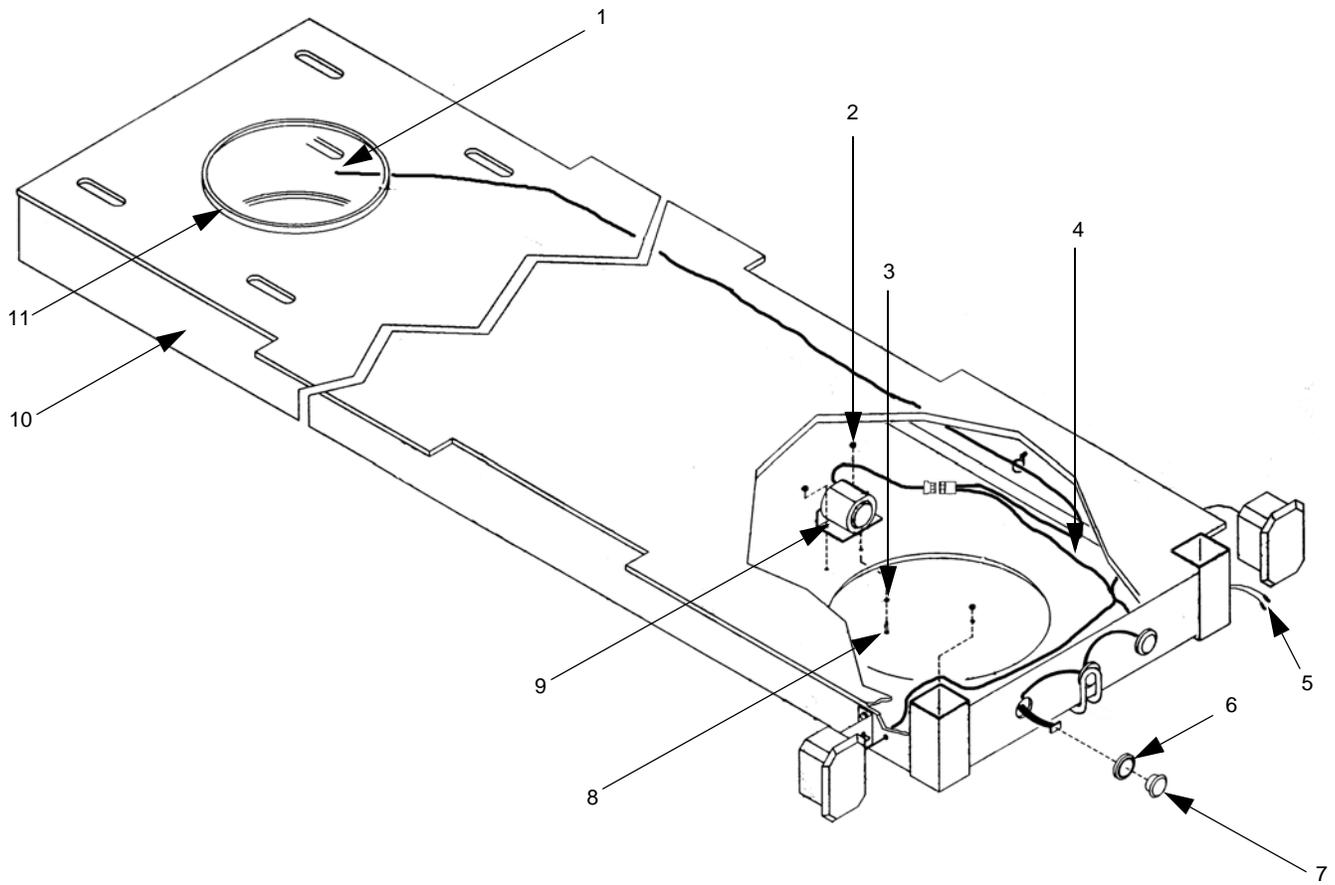
TRUCK CHASSIS

DATE: Revised 04-2007

MODEL: BT7000 Series

Page 2.1

GROUP
2



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	691-00001	Install Group, Sub-Frame Boom Trucks	
1	400-02323	Ring Terminal, #8 16/14ga	2
2	220-00003	HHCS, 1/4-20NC X .75 GR5 Zinc	9
3	222-00006	Flat Washer 1/4 Zinc Plate	9
4	400-25163	Wire Harness, Tail Light - Alarm.....	1
5	400-02230	Terminal - Butt Connection 14-16Ga	2
6*	400-09318	Grommet 2 1/2" Light	3
6*	400-09095	Grommet 2" light	
7*	400-09113	Light 2 1/2 Red Reflective.....	3
7*	400-09094	Light 2" Red Reflective	
8	221-90001	Nut, HH Top Lock 1/4UNC	3
9	714A1432	Alarm, Backup/Outrigger	1
10	701-00705	Sub-Frame - Weldment, 22Ft.	1
11	209-00174	Trim - Seal	10'

* Measure Light Diameter To Determine Correct Replacement

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



SUBFRAME ASSEMBLY

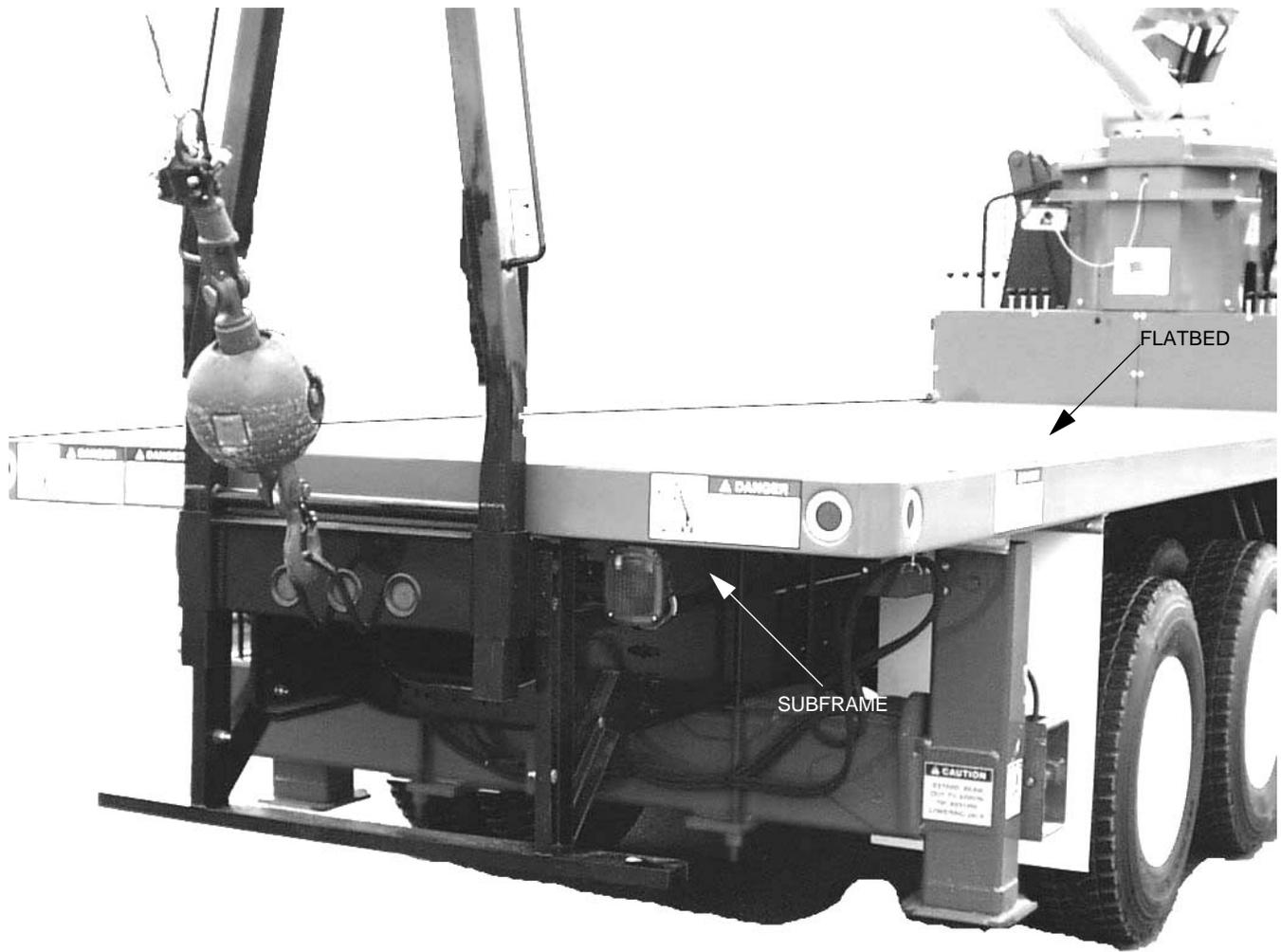
DATE: Revised 04-2007

MODEL: BT7000 Series

Page 2.2

GROUP

2



PART NUMBER	FLATBEDS
600-38215	22' Steel Standard Duty
600-38210	22' Wood Standard Duty

PART NUMBER	FLATBEDS
600-38222	22' Wood Super Duty
600-38224	22' Steel Super-Duty (3/16")
600-38230	22' Wood Super-Duty W/O Rails

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



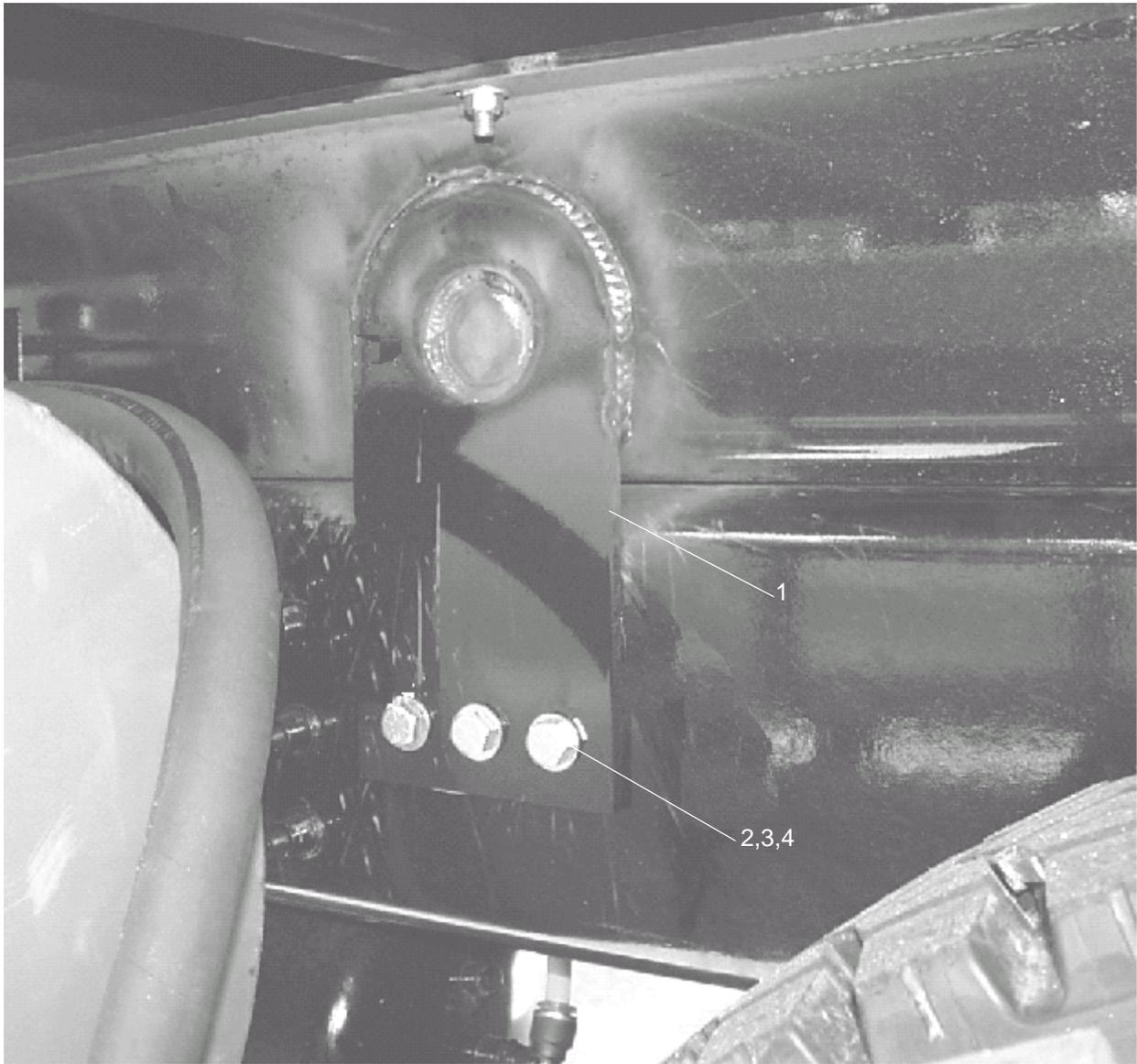
FLATBED OPTIONS

DATE: Revised 04-2007

MODEL: BT7000 Series

Page 2.3

GROUP
2



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	709-01251	Plate - Shear	1
2	220-06032	Bolt 5/8UNC x1/2" Long	6
3	222-06010	Washer - Flat 5/8.....	12
4*	221-96005	Nut - Lock 5/8UNC	6

* Item Not Shown

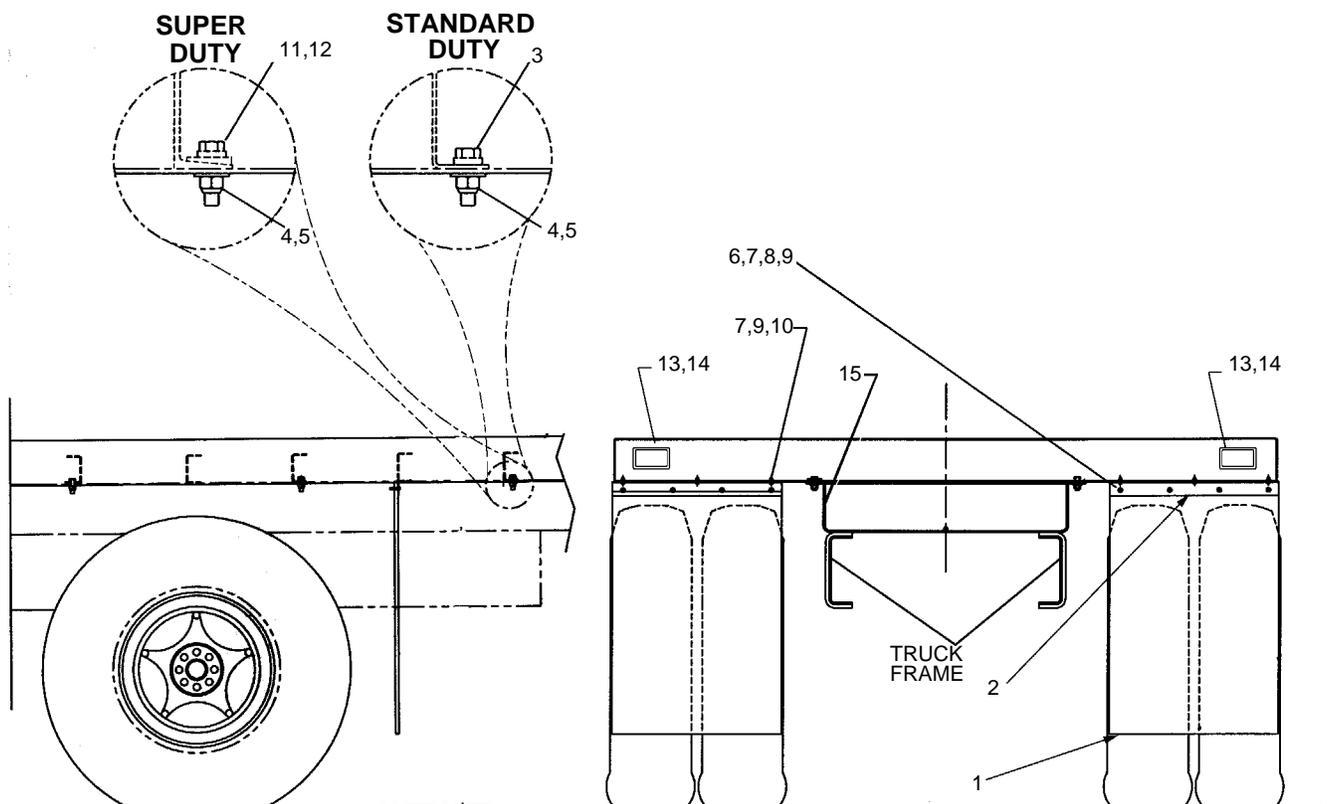
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



SHEAR PLATE INSTALLATION

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 2.4

GROUP
2



REF	PART NO	DESCRIPTION	QTY
1	209-00461	Mud Flap, 1/2 x 24 x 36 Logo White.....	2
2	785-00561	Angle support, Mud Flap	2
3	709-00160	Flatbed Tiedown Bolt (STD DUTY)	14
4	221-94002	Nut Toplock 1/2-13	14
5	222-04009	Washer, Flat Hard Zinc 1/2	14
6	220-00004	HHCS1/4-20NC x 1 1/4" GR5	8
7	221-90001	Nut, TopLock.....	14
8	222-00019	Washer, Flat.....	8
9	222-00006	Washer, Flat.....	14
10	220-00003	HHCS 1/4-20 x 3/4" GR5.....	6
11	220-04001	HHCS 1/2-13NC x 2 GR5 (SUPER DUTY).....	14
12	222-32005	Bevel Washer 1/2" (SUPER DUTY)	14
13	400-09371	Marker Light, Red W/Grommet (Rear)	4
14	400-09372	Marker Light, Amber W/Grommet (Front)..	4
15	PG 2.2	Subframe.....	1

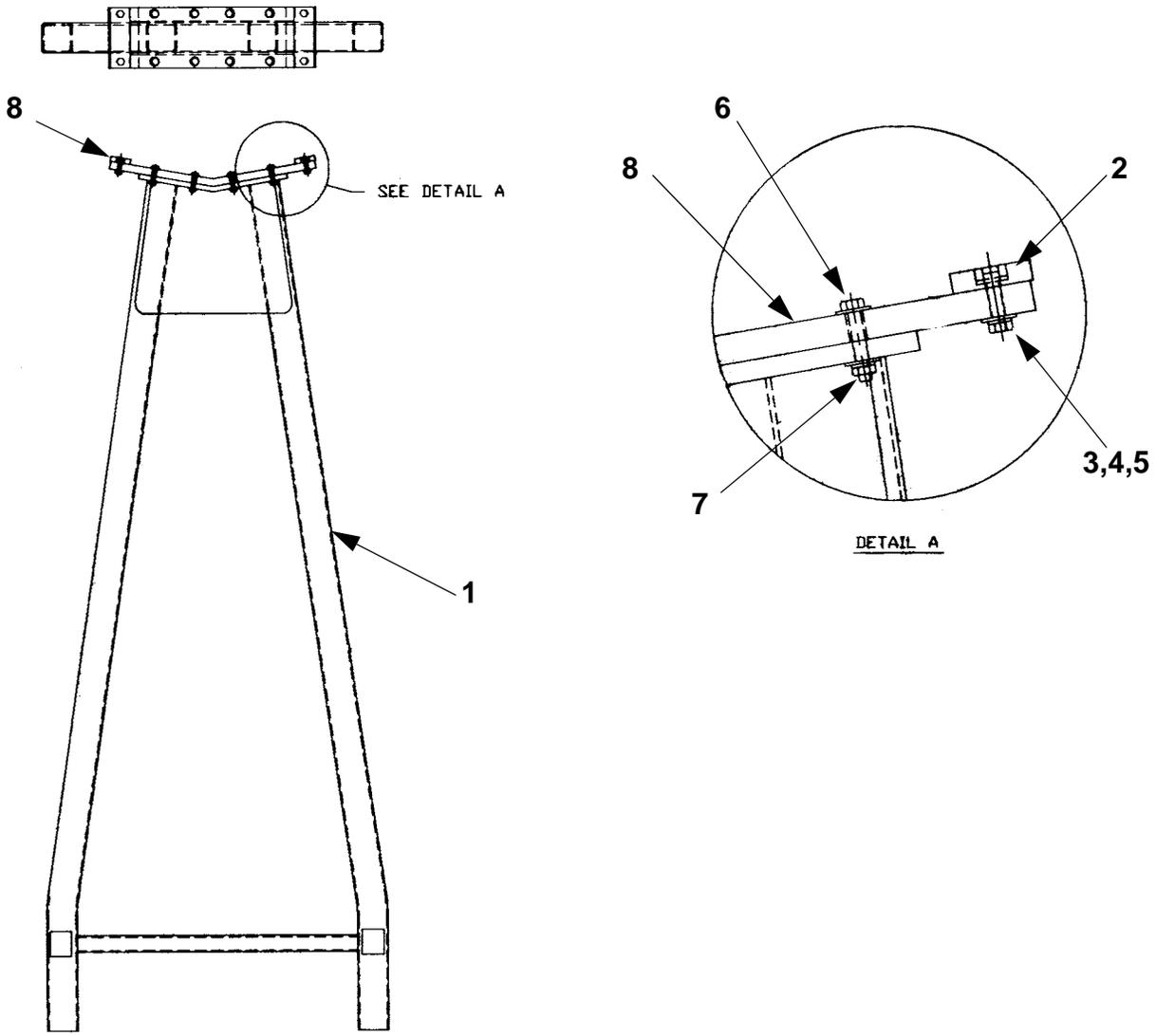
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



FLATBED INSTALLATION

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 2.5

GROUP
2



REF	PART NO	DESCRIPTION	QTY
1	709-01212	Boom Rest Weldment	1
2	729-02175	Pad, Wear, 2 x 6 PLYSERT	2
3	220-01005	HHCS 5/16-18NC x 1 "Long, GR5	4
4	222-01001	Washer, Flat, 5/16, PLTD.....	20
5	222-11002	Washer, Lock, 5/16 Med., PLTD	12
6	22001010	HHCS 5/16-18NC x 1 3/4" Long, GR5	8
7	221-01001	Nut, Hex Head, 5/16-18 NC	8
8	709-01318	Support Plate, Boom Rest.....	1

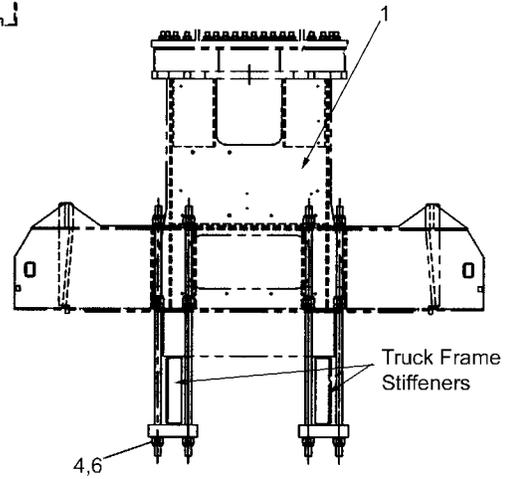
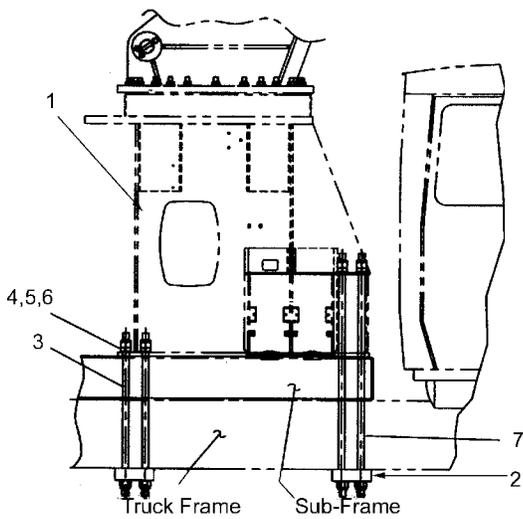
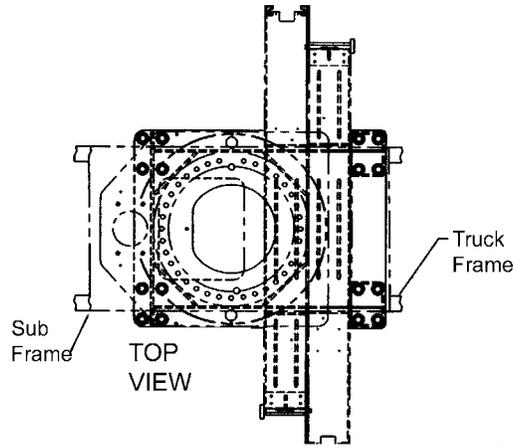
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



BOOM REST ASSEMBLY

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 2.6

GROUP
2



REF	PART NO	DESCRIPTION	QTY
1	701-00732	Mainframe Weldment, BT7000.....	1
2	783-02895	Support bar, Tie Down	4
3	220-09078	Tie Down Stud 30".....	8
4	221-99014	Lock Nut 1-1/4NF	32
5	221-29006	Nut, Jam, 1-1/4-12 NF	16
6	222-09005	Washer, Flat 1-1/4 Hard.....	32
7	220-09111	Tie Down Stud.....	8

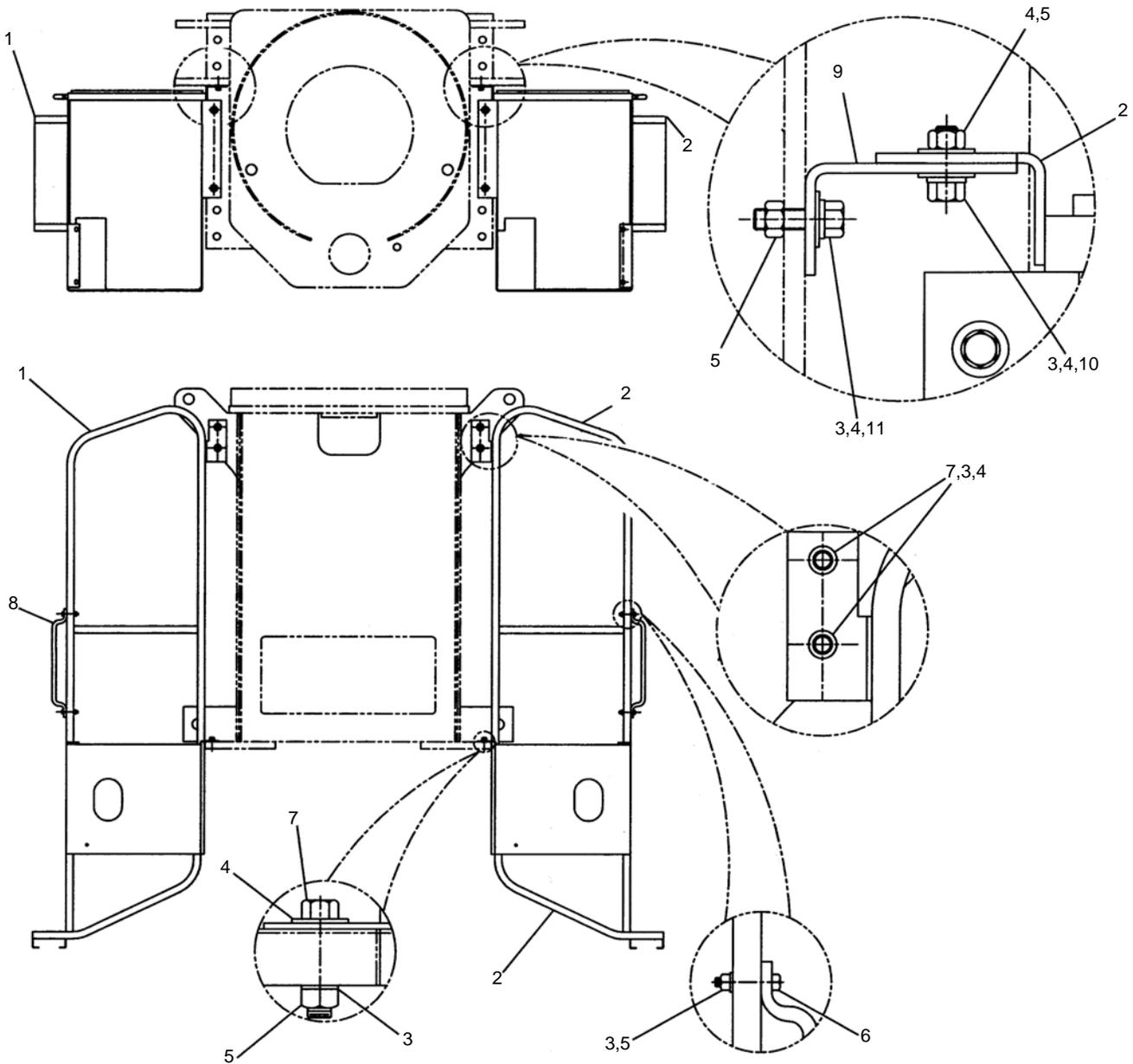
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAINFRAME INSTALLATION

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 2.7

GROUP
2



REF	PART NO	DESCRIPTION	QTY
1	709-01301	Platform, LH Weldment	1
2	709-01300	Platform, RH Weldment.....	1
3	222-12001	Washer, Lock 3/8 PLTD	16
4	222-02005	Washer, flat 3/8 PLTD	16
5	221-02001	Nut, Hex 3/8NC	16
6	220-02011	HHCS 3/8NC x 2" Long	4
7	220-02007	HHCS3/8 NC x 3/4" Long	4
8	209-00444	Handle, grab	2
9	770-02492	Bracket, Mounting Platform	2
10	220-02004	HHCS 3/8	4
11	220-02002	HHCS 3/8	4

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



OPERATOR PLATFORM Installation

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 2.8

GROUP
2



<u>REF</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	Page 3.5	Main Outrigger	1
2	Page 3.2	Auxiliary Outrigger.....	1
3	Page 51.3	Optional Front Bumper Outrigger.....	1

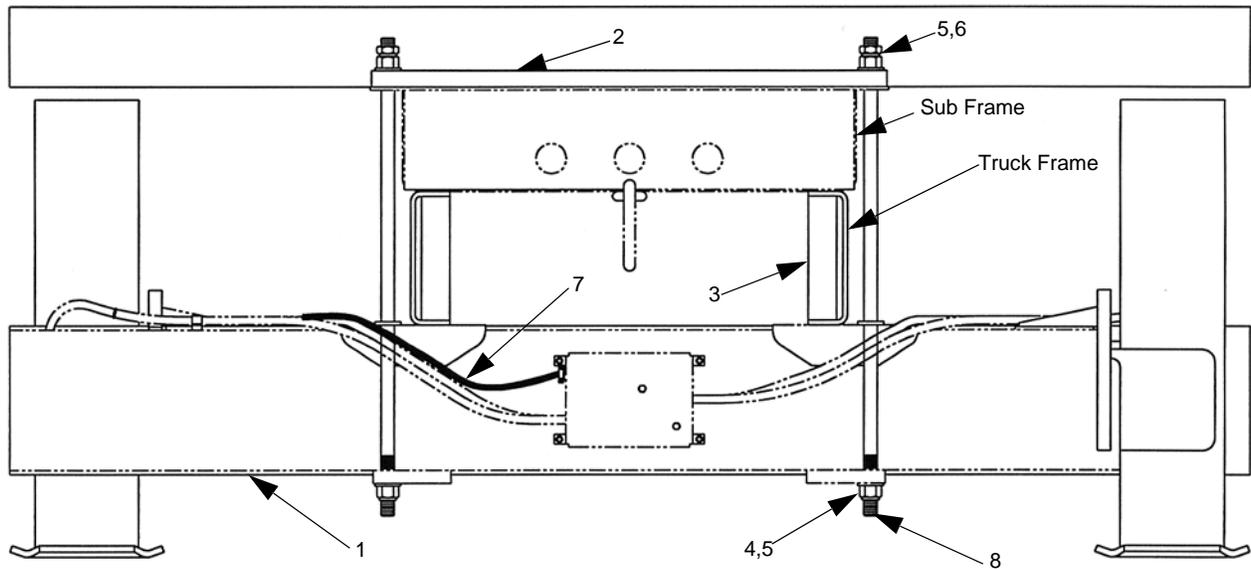
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



OUTRIGGERS

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.1

GROUP
3



<u>REF</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	766-00022	H-Frame Auxiliary Outrigger Assembly Installation	
1	Page 3.3	H-Frame Auxiliary Outrigger Assembly	1
2	783-03010	Tie Down Support Bar.....	2
3	021-40046	Frame Stiffener	REF
4*	221-99013	Lock Nut	8
5*	222-09003	Washer, Flat.....	8
6*	221-29005	Nut, Jam.....	4
7*	400-25084	Harness Assembly, Electrical.....	1
8*	220-09115	Tie Down Stud.....	4

* Part of kit 210-00023

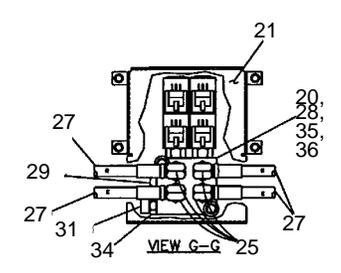
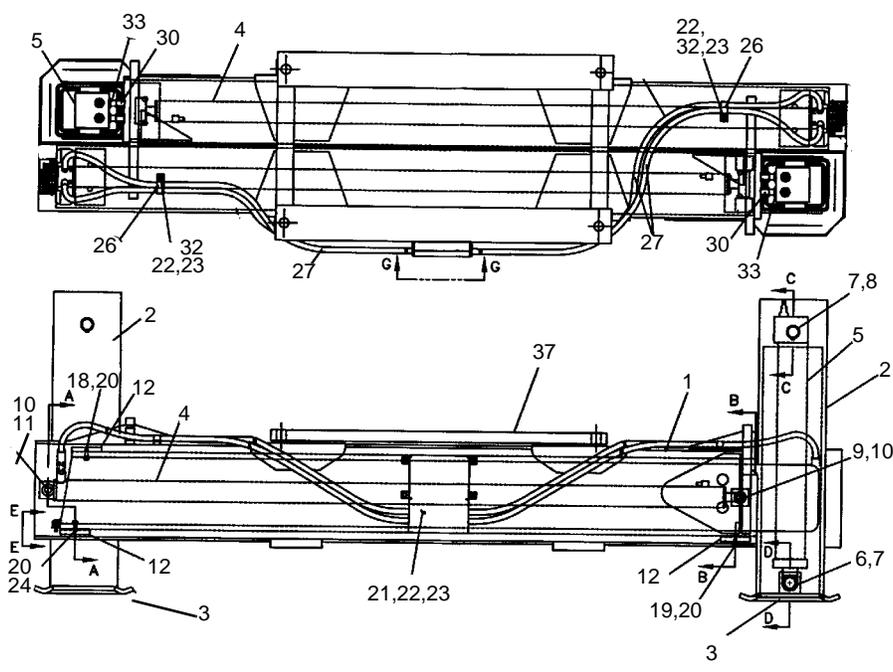
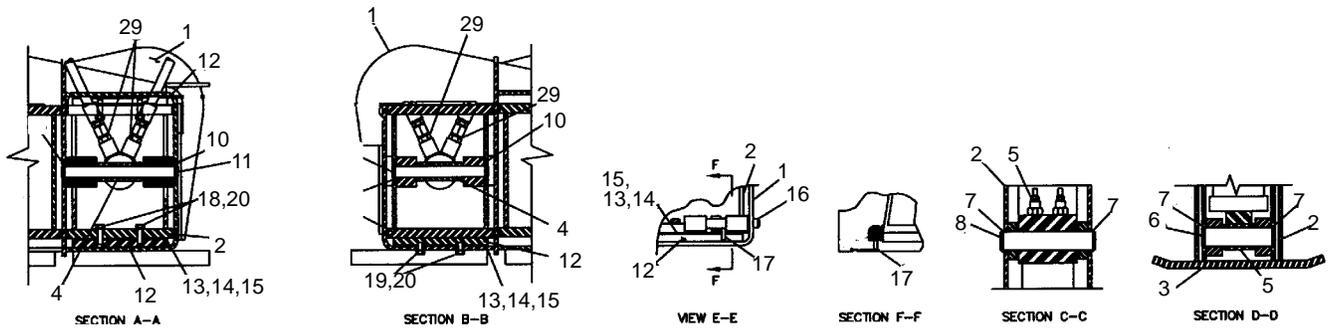
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



AUXILIARY OUTRIGGER Installation

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.2

GROUP
3



REF	PART NO.	DESCRIPTION	QTY	REF	PART NO.	DESCRIPTION	QTY
	760-00378	H-Frame Auxiliary Outrigger Assembly	1				
1	760-20436	Aux. O/R -Horizontal Outer Weldment	1	20	222-11002	Washer, Lock, 5/16	14
2	760-10336	Aux. O/R -Horizontal Inner Weldment	2	21	802-01594	Cover, Aux. O/R Control valve	1
3	760-10335	Aux. O/R -Vertical Inner Weldment	2	22	220-00002	Bolt, Hex Head, 1/4 x 1/2	6
4	Page 3.4	Cylinder, Horizontal Aux. Outrigger	2	23	222-10005	Washer, Lock 1/4	6
5	Page 3.4	Cylinder, Vertical Aux. Outrigger	2	24	220-01003	Bolt, Hex Head, 5/16 x 1 1/4	4
6	870-30211	Pin, Vertical Cylinder, Rod End	2	25	514-54004	Elbow, 90 Deg., 6ORB/6OFS	4
7	200-10013	Retaining Ring, 1 1/4 Dia.	8	26	201-00170	Clamp, Double 5/8 Dia.	2
8	870-30212	Pin, Vertical Cylinder Barrel End	2	27	502-20797	Hose Assembly	4
9	870-10184	Pin, Horizontal Cylinder, Rod End	2	28	222-01001	Washer, Flat 5/16	2
10	200-00006	Retaining Ring, 3/4 Dia.	8	29	513-40014	Connector	5
11	870-10185	Pin, Horizontal Cylinder, Barrel End	2	30	519-40007	Cap, #6 OFS	5
12	729-02238	Wear Pad	6	31	519-50010	Cap, #8 OFS	1
13	787-00255	Shim, Wear Pad-0.040	4	32	222-00006	Washer, flat 1/4	2
14	787-00256	Shim, Wear Pad-0.063	4	33	513-40015	Connector, Long #6 x #6	4
15	787-00257	Shim, Wear Pad-0.100	4	34	513-50026	Connector, #8 x #6	1
16	870-10186	Lockpin, Horizontal Aux. O/R	2	35	559-00157	Control Valve, Aux. O/R	1
17	224-16014	Roll Pin, 1/4 Dia. x 1 1/2	2	36	220-01008	Bolt, Hex Head 5/16	2
18	220-01005	Bolt, Hex Head, 5/16 x 1	4	37	783-03010	Support Bar, Auxiliary O/R	2
19	220-01004	Bolt, Hex Head, 5/16 x 3/4	4				

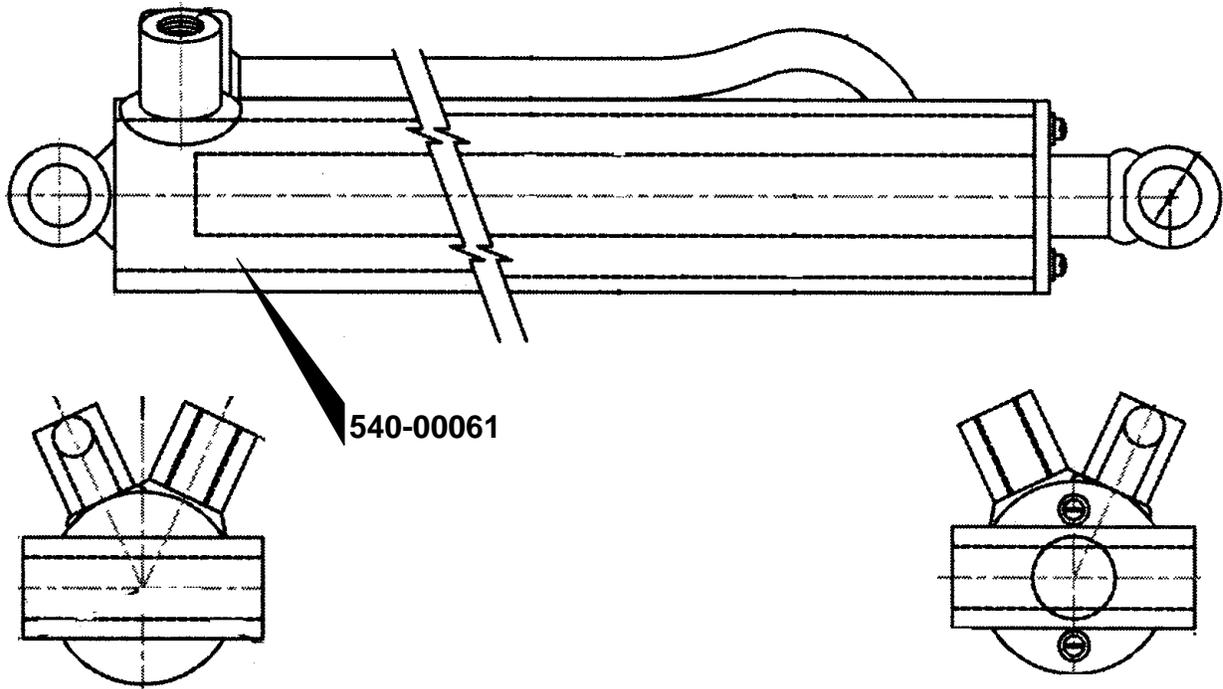
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



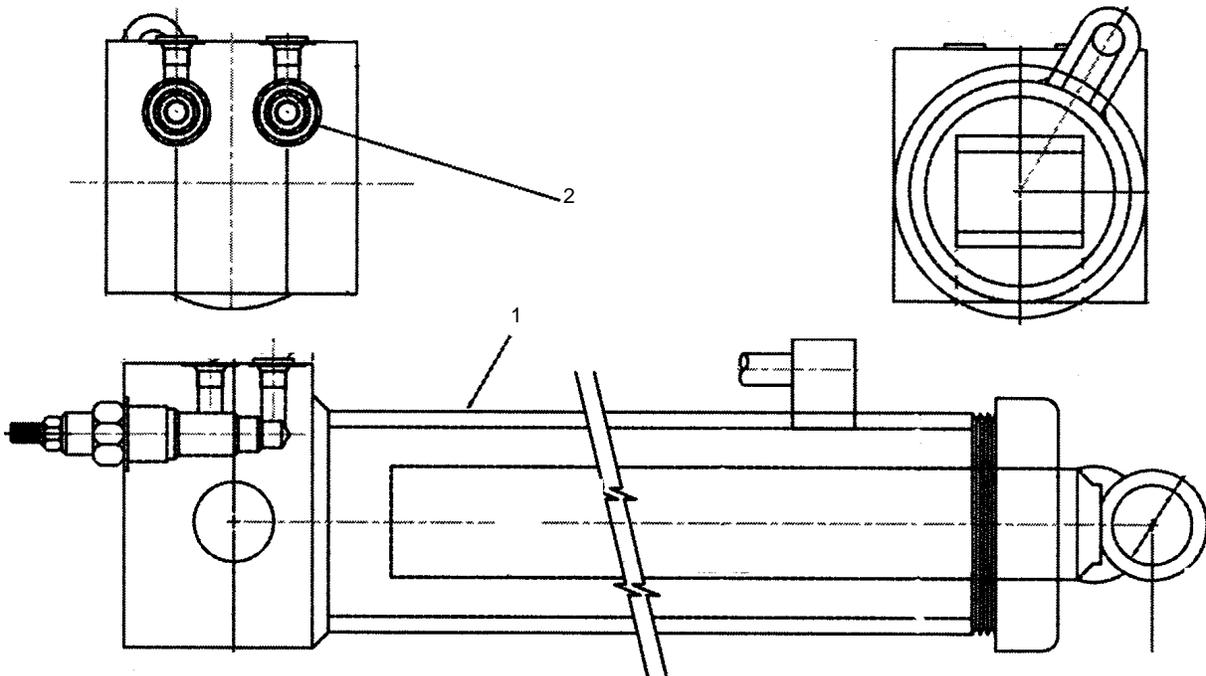
AUXILIARY OUTRIGGER Assembly

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.3

GROUP
3



REF	PART NO.	DESCRIPTION	QTY
	540-00061	Cylinder, Horizontal Auxiliary Outrigger ...	2
	268-91011	Seal Kit, PN 540-00061.....	1



REF	PART NO.	DESCRIPTION	QTY
1	540-30181	Cylinder, Auxiliary Outrigger Vertical	2
2	552-00088	Check Valve.....	2
	268-90170	Seal Kit, PN 540-30181	

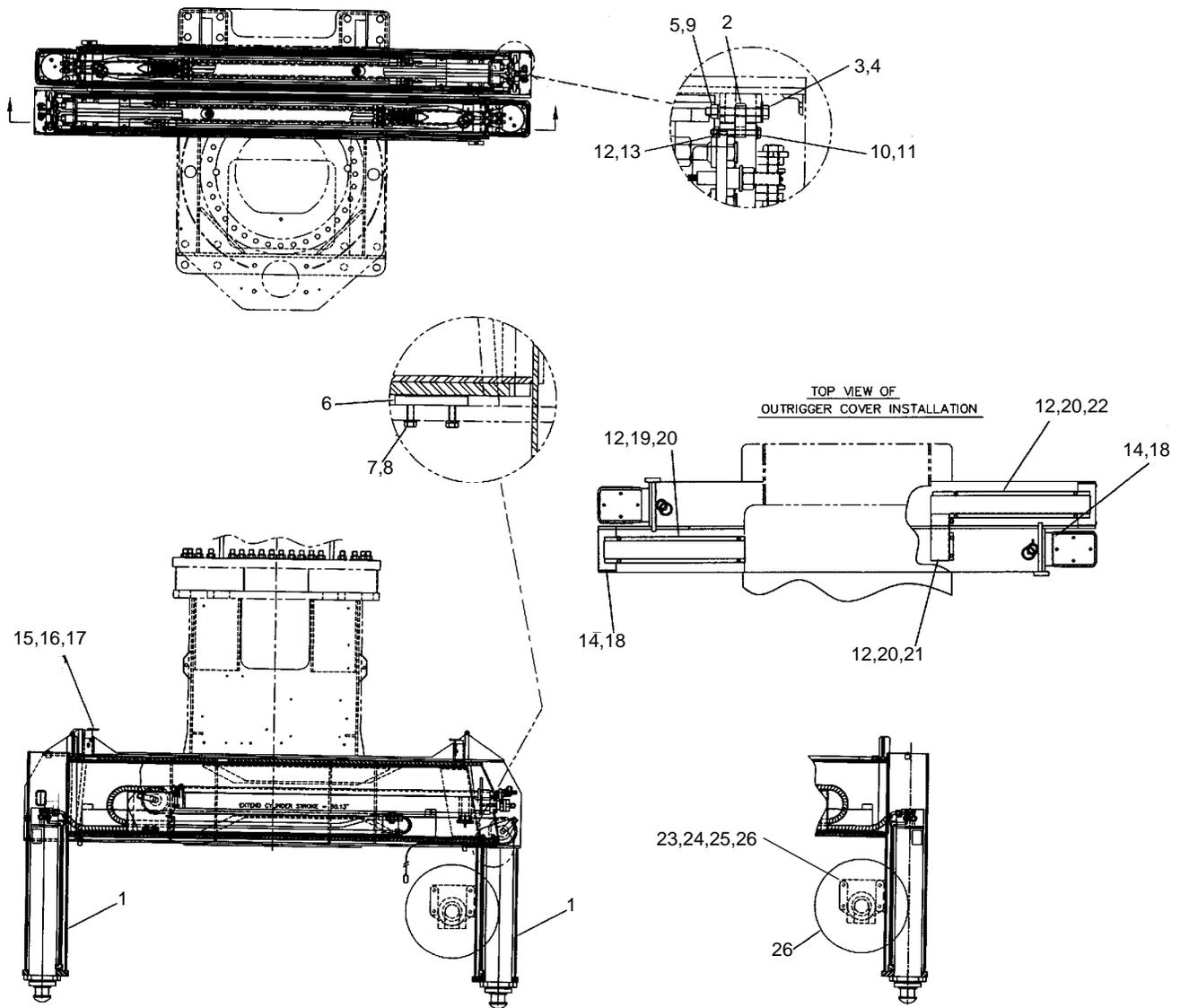
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



AUXILIARY OUTRIGGER Cylinder Assembly

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.4

GROUP
3



REF	PART NO.	DESCRIPTION	QTY	REF	PART NO.	DESCRIPTION	QTY
	765-00050	Installation, Main Outrigger Assembly					
1	Page 3.6	Outtigger Assembly	2	15	870-40199	Pin, Outrigger	2
2	789-05525	Shear Plate.....	4	16	12219-12	Cable.....	2
3	220-02014	Bolt, Hex Head 3/8	4	17	1222-225	Sleeve	4
4	222-02005	Washer, flat 3/8	4	18	223-03201	Pan HD Screw 1/4	4
5	221-02001	Nut, Hex 3/8	4	19	802-01588	Cover, Hydraulic Hose	1
6	729-02341	Wear Pad	4	20	220-00002	Bolt, Hex head 1/4	11
7	220-01031	Bolt, Hex Head 5/16	8	21	802-01626	Cover, Outrigger Hydraulic Hose	1
8	222-11002	Washer, Lock 5/16	8	22	802-01625	Cover, Outrigger Hydraulic Hose	1
9	222-12001	Washer, Lock 3/8	4	23	220-04005	HHCS 1/2-13NC x 1 1/2" GR5.....	8
10	220-00005	Bolt, Hex Head 1/4	4	24	221-94002	Lock Nut 1/2-13 NC	8
11	222-00006	Washer, Flat 1/4.....	4	25	222-04011	Flatwasher Special.....	16
12	222-10005	Washer, Lock 1/4	15	26	711 0387	Pad Outrigger 18"	2
13	221-00001	Nut, Hex 1/4	4	27	760-00425	Weldment, Shoe Stow	2
14	802-01593	Cap, End Cover.....	2	28	789-05456	Plate, Shoe Rotation Stop.....	2

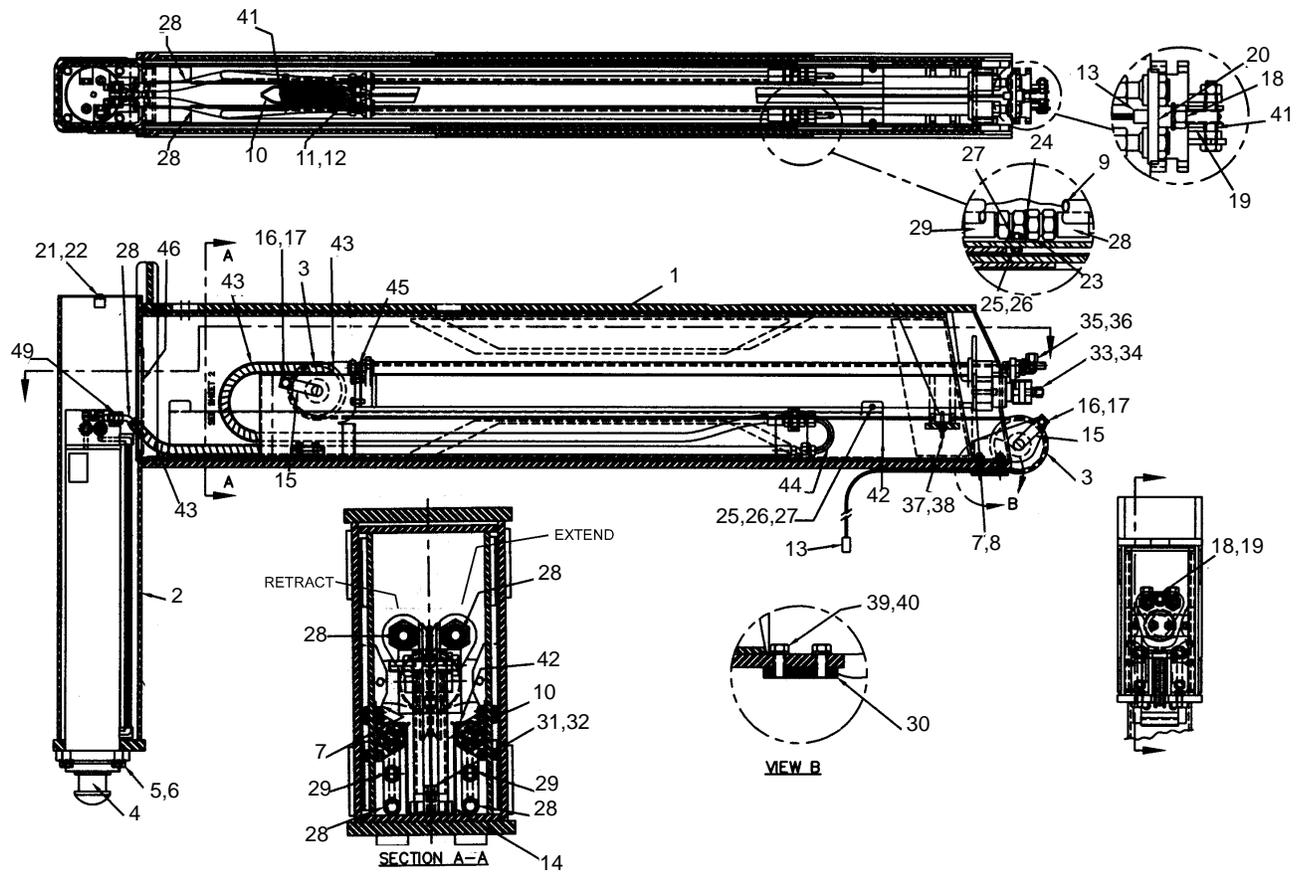
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN OUTRIGGER INSTALLATION

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.5

GROUP
3



REF	PART NO.	DESCRIPTION	QTY	REF	PART NO.	DESCRIPTION	QTY
	760-20469	Main Outrigger Assembly	Ref	23	518-45003	Bulk Head Union W/Locknut	2
1	760-10411	Weldment, Beam 1st Stage	1	24	785-02055	Angle Bracket, Hydraulic Hose Retainer	2
2	760-10412	WEldment, 2nd Stage	1	25	223-15203	Bolt, Hex Head 1/4	6
3	860-10015	Sheave	2	26	222-10005	Washer, lock 1/4	6
4	Page 3.8	Cylinder, Main Outrigger Vertical	1	27	221-00001	Nut, Hex 1/4	6
5	220-37002	Capscrew, Socket Head 3/4	4	28	502-30738	Hose Assembly, Vertical O/R Cylinder	2
6	222-17001	Washer, Lock	4	29	502-30698	Hose Assembly, Main Outrigger	2
7	789-05147	Shear Plate	2	30	780-00303	Pad, Support 1st Stage Outrigger	2
8	220-32009	Capscrew, Socket Head 3/8	2	31	220-01021	Bolt, Hex Head 5/16	2
9	Page 3.7	Cylinder, Main Outrigger Horizontal	1	32	222-11002	Washer, Lock	2
10	760-00376	Weldment, Slide Trombone Cylinder	1	33	513-40014	Union, 6ORB/6ORB	2
11	220-02004	Capscrew, Hex Head 3/8	2	34	519-40007	Cap, 6OFS	2
12	222-12001	Washer, lock 3/8	2	35	514-55011	Elbow, 90 Deg	2
13	861-13021	Wire rope, Outrigger 5/16	1	36	519-50010	Cap, 8OFS	2
14	729-02680	Wear Pad	1	37	221-00021	Hex Nut 1/4	2
15	870-20259	Weldment, Pin Cable Retainer	2	38	220-99062	U-Bolt 1/4	1
16	220-04023	Bolt, Hex Head 1/2	2	39	220-04002	Bolt, hex Head 1/2	4
17	221-94002	Top Locknut 1/2	2	40	222-14003	Washer, Lock 1/2	4
18	221-96005	Locknut 5/8	1	41	032-60005	Tube, SPCR Sheave Support	2
19	222-06010	Washer, Flat 5/8	1	42	786-05404	Hose Shield	1
20	031-10009	SPRC 1 x 5/8, 3/16 thick	1	43	400-03071	Plastic Abrasion Spiral Sheild	4
21	802-01586	Cover, Leg Outrigger	1	44	510-50422	Tube Assembly, Vertical O/R Supply	2
22	223-03214	Screw, Pan Head	2	45	513-50023	Connector #8ORB to #8OFS	4
				46	209-00174	Seal Trim	1.7

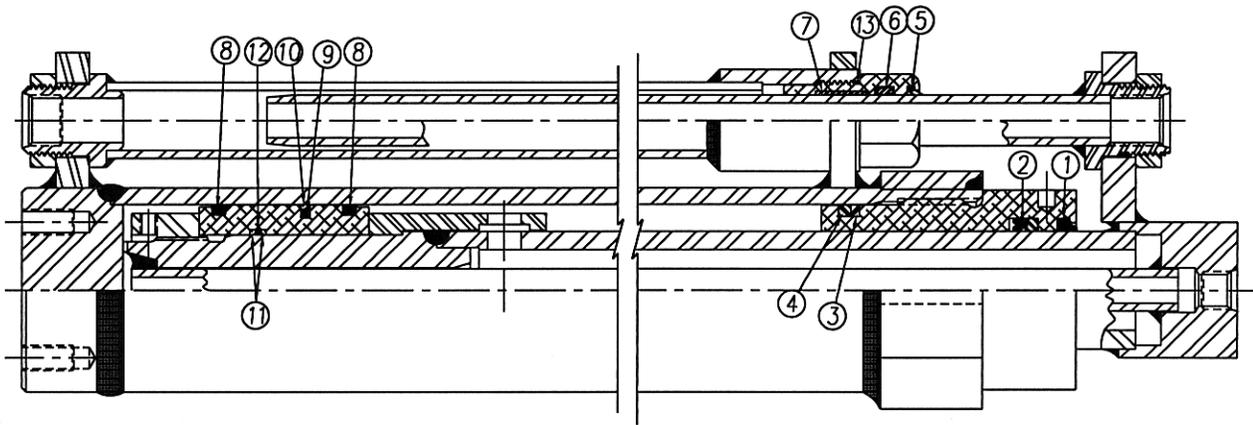
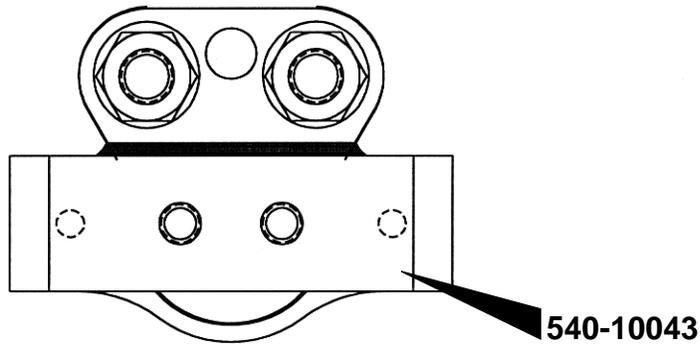
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN OUTRIGGER ASSEMBLY

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page 3.6

GROUP
3



REF	PART NO.	DESCRIPTION	QTY
	540-10043	Cylinder, Main Outrigger Horizontal	2
	268-90181	Seal Kit for PN 540-10043 (Includes Items 1 Thru 13)	
1	NSS	Wiper	1
2	NSS	Ucup1.75x.188x.375	1
3	NSS	Back-Up Ring	1
4	NSS	O-Ring	1
5	NSS	Wiper	2
6	NSS	U-Cup	2
7	NSS	Wear Ring	2
8	NSS	CI Ring.....	2
9	NSS	O-Ring	1
10	NSS	Seal Piston	1
11	NSS	Backup Ring	2
12	NSS	O-Ring	1
13	NSS	O-Ring	2

NSS - Not Sold Separately

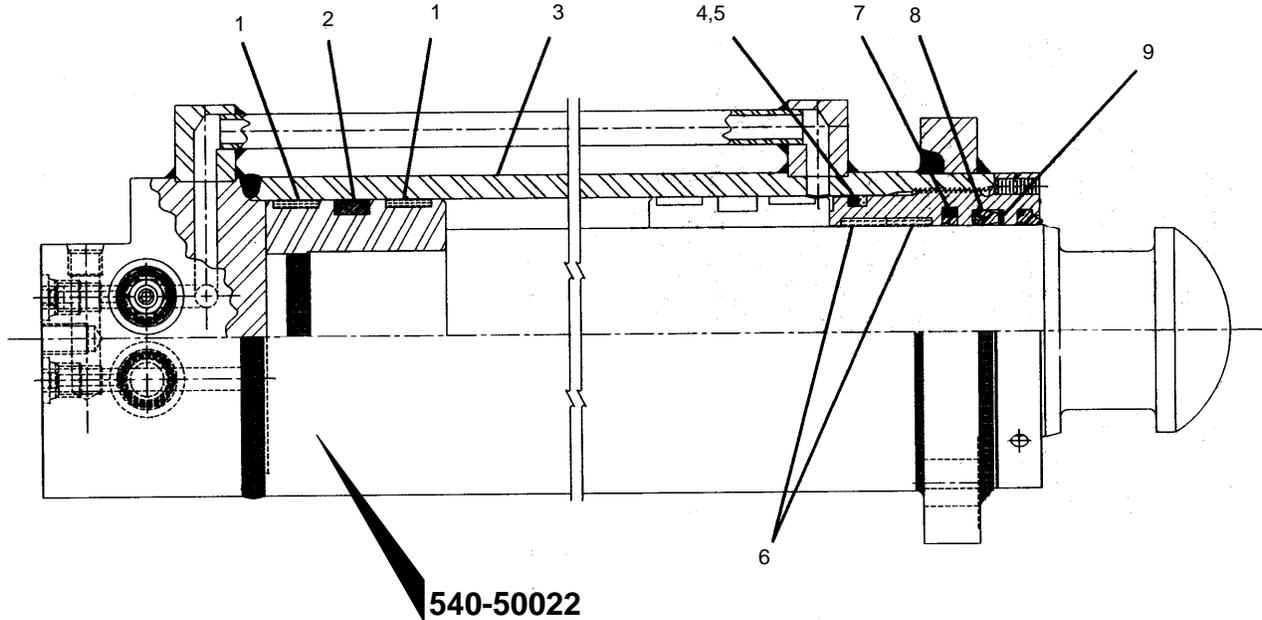
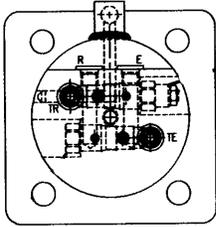
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN OUTRIGGER HORIZONTAL
Cylinder

DATE: Revised 04-2007
MODEL: BT7000 Series
Page 3.7

GROUP
3



REF	PART NO.	DESCRIPTION	QTY
	540-50022	Cylinder, Main Outrigger Vertical	2
	268-75022	Seal Kit for PN 540-50022 (Includes Items 1 Thru 9)	
1	NSS	Wiper.....	1
2	NSS	Seal.....	1
3	NSS	O-Ring.....	1
4	NSS	Back-Up Ring.....	1
5	NSS	O-Ring.....	1
6	NSS	O-Ring.....	1
7	NSS	O-Ring.....	1
8	NSS	Wear Ring.....	2
9	NSS	Wear Ring.....	2

NSS - Not Sold Separately

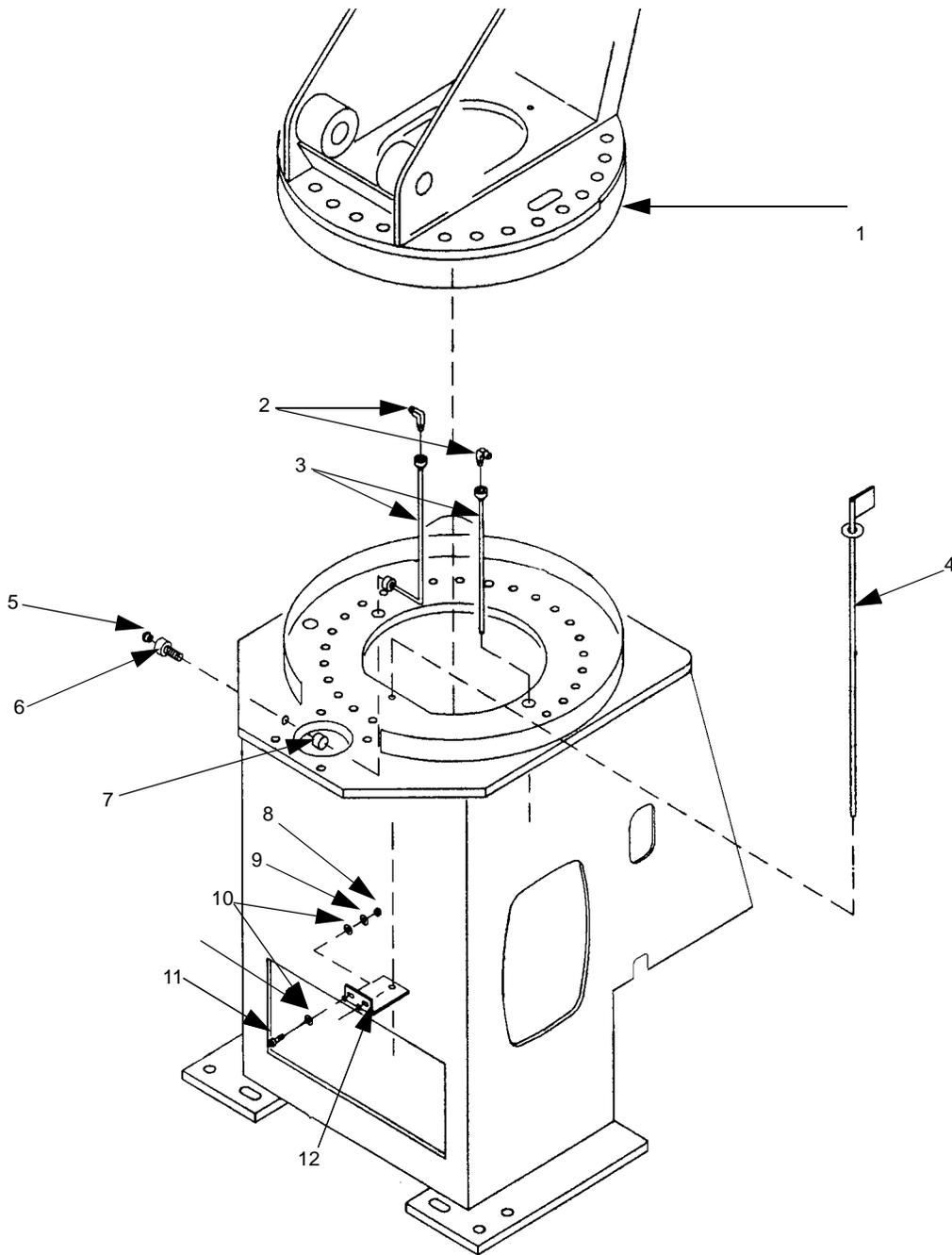
WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PARTS REQUIRED



MAIN OUTRIGGER VERTICAL
Cylinder

DATE: Revised 04-2007
MODEL: BT7000 Series
Page 3.8

GROUP
3



REF	PART NO.	DESCRIPTION	QTY	REF	PART NO.	DESCRIPTION	QTY
1	712-00274	Turret assembly, 7000 Series	1)	7	511-21001	Nut, Lock.....	2
2	514-02002	Elbow, 90 Deg. 1/4 Tube x 1/8NPT	2	8	221-01001	Nut, Hex 5/16NC.....	2
3	502-00180	Hose Assembly, Swing Bearing Lube	2	9	222-11002	Washer, Lock 5/16 PLTD.....	2
4	719-00439	Rod, Swing Stop Weldment	1	10	222-01001	Washer, Flat 5/16 PLTD	4
5	501-03002	Zerk, 1/8NPT	2	11	220-01006	Screw, HHC 5/16NC x 1 1/2" Long.....	2
6	518-20001	Connector, Bulkhead 1/8FPT	2	12	785-02053	Angle, Swing Stop Support.....	1

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

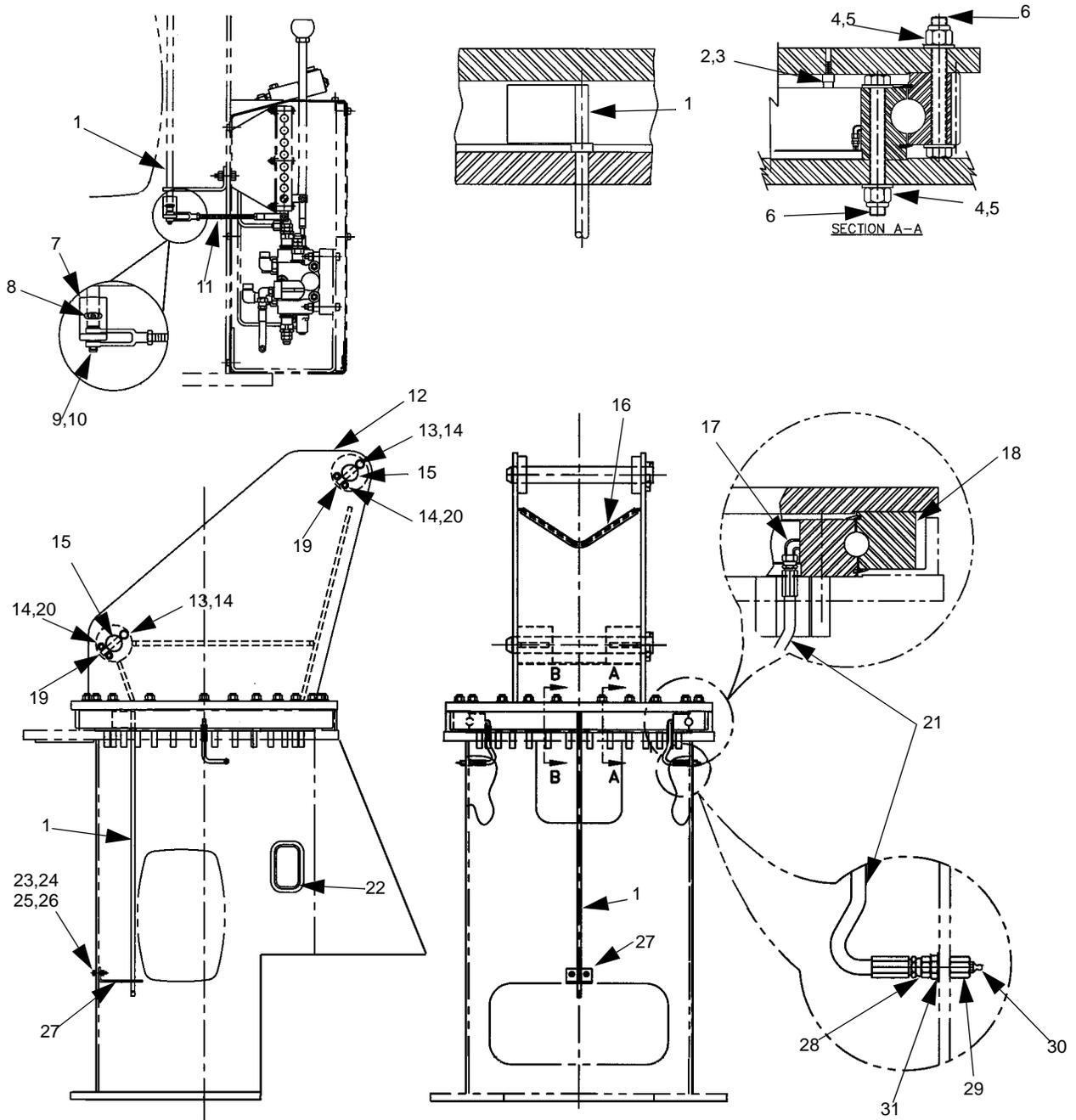


ROTATION STOP INSTALLATION

Non-Continuous Rotation

DATE: Issued 04-2007
 MODEL: BT7000 Series
 Page 12.1

GROUP
12



See Page 12.3

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



TURRET INSTALLATION
Non-Continuous Rotation

DATE: Issued 04-2007
MODEL: BT7000 Series
Page 12.2

GROUP
12

See Page 12.2

REF	PART NO.	DESCRIPTION	QTY
1	719-00439	Swing Stop Rod Weldment.....	1
2	220-32001	Bolt socket Head 3/8-16	1
3	011-20014	Spacer, 3/8" SCH80 Pipe x 0.44	1
4	1205-113	Locknut Hex 7/8-9UNC ESNA	69
5	1209-10	Washer, Flat 7/8" A325 Hard PLTD.....	138
6	220-08008	HHCS 7/8-9UNC x 7.50" GR8	69
7	100-30028	Collar Casting, Swing Stop	1
8	224-14004	Roll Pin	1
9	870-00129	Clevis Pin, 5/16".....	2
10	224-02001	Cotter Pin.....	2
11	806-00246	Swing K/O Link Assembly.....	1
12	712-00274	Turret, 7000 Series	1
13	220-06037	Bolt, Hex Head 5/8-11	2
14	222-16003	Washer, Lock 5/8".....	8
15	870-90030	Pin.....	2
16	209-00802	Trim Edging 5/8"	2ft
17	514-02002	Elbow, 90 Deg. 1/4 Tube x 1/8 NPT	2
18	716-00035	Rotation Bearing, 7000 Series.....	1
19	224-26005	Rod End.....	2
20	220-36010	Bolt, Socket Head 5/8.....	4
21	502-00180	Hose Assembly, Swing Bearing Lube.....	2
22	209-00470	Trim Edging 1/2"	3ft
23	220-01006	Capscrew, Hex Head 5/16-18UNC x 1.5...2	
24	222-01001	Washer, Flat 5/16	4
25	222-11002	Washer, Lock, 5/16.....	2
26	221-01001	Nut, Hex 5/16-18 UNC.....	2
27	785-02053	Support Angle, Swing Stop.....	1
28	511-21001	Locknut	2
29	518-20001	Bulkhead Connector	2
30	501-03002	Zerk, 1/8 NPT	2
31	222-02005	Washer, Flat 3/8"	2

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

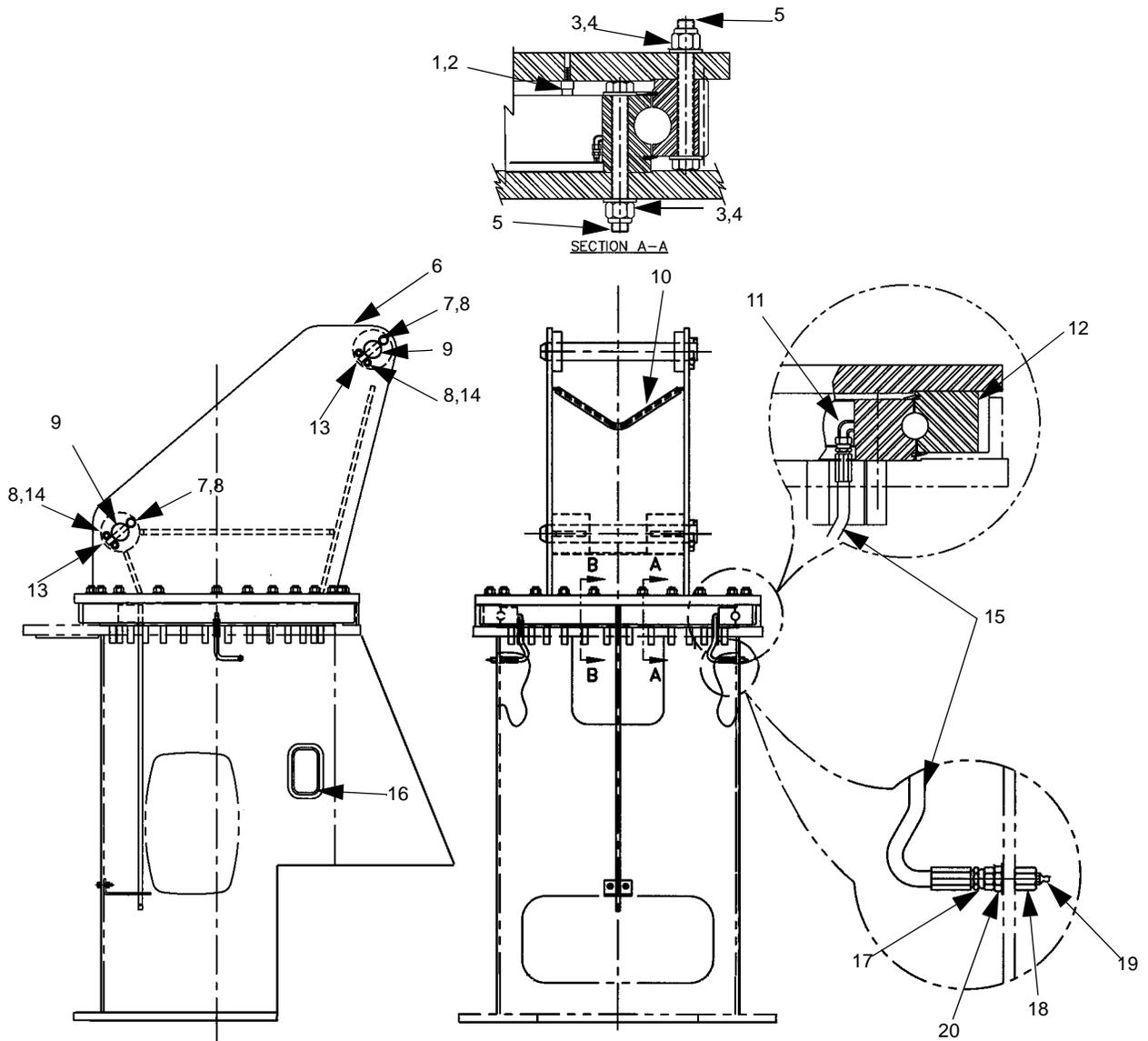


TURRET INSTALLATION

Non-continuous Rotation

DATE: Issued 04-2007
 MODEL: BT7000 Series
 Page 12.3

GROUP
12



REF	PART NO.	DESCRIPTION	QTY	REF	PART NO.	DESCRIPTION	QTY
1	220-32001	Bolt socket Head 3/8-16	1	11	514-02002	Elbow, 90 Deg. 1/4 Tube x 1/8 NPT	2
2	011-20014	Spacer, 3/8" SCH80 Pipe x 0.44	1	12	716-00035	Rotation Bearing, 7000 Series	1
3	1205-113	Locknut Hex 7/8-9UNC ESNA	69	13	224-26005	Rod End	2
4	1209-10	Washer, Flat 7/8" A325 Hard PLTD	138	14	220-36010	Bolt, Socket Head 5/8"	4
5	220-08008	HHCS 7/8-9UNC x 7.50" GR8	69	15	502-00180	Hose Assembly, Swing Bearing Lube	2
6	712-00274	Turret, 7000 Series	1	16	209-00470	Trim Edging 1/2"	3ft
7	220-06037	Bolt, Hex Head 5/8-11	2	17	511-21001	Locknut	2
8	222-16003	Washer, Lock 5/8"	6	18	518-20001	Bulkhead Connector	2
9	870-90030	Pin 2.75" x 26 1/16"	2	19	501-03002	Zerk, 1/8 NPT	2
10	209-00802	Trim Edging 5/8"	2ft	20	222-02005	Washer, Flat 3/8"	2

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

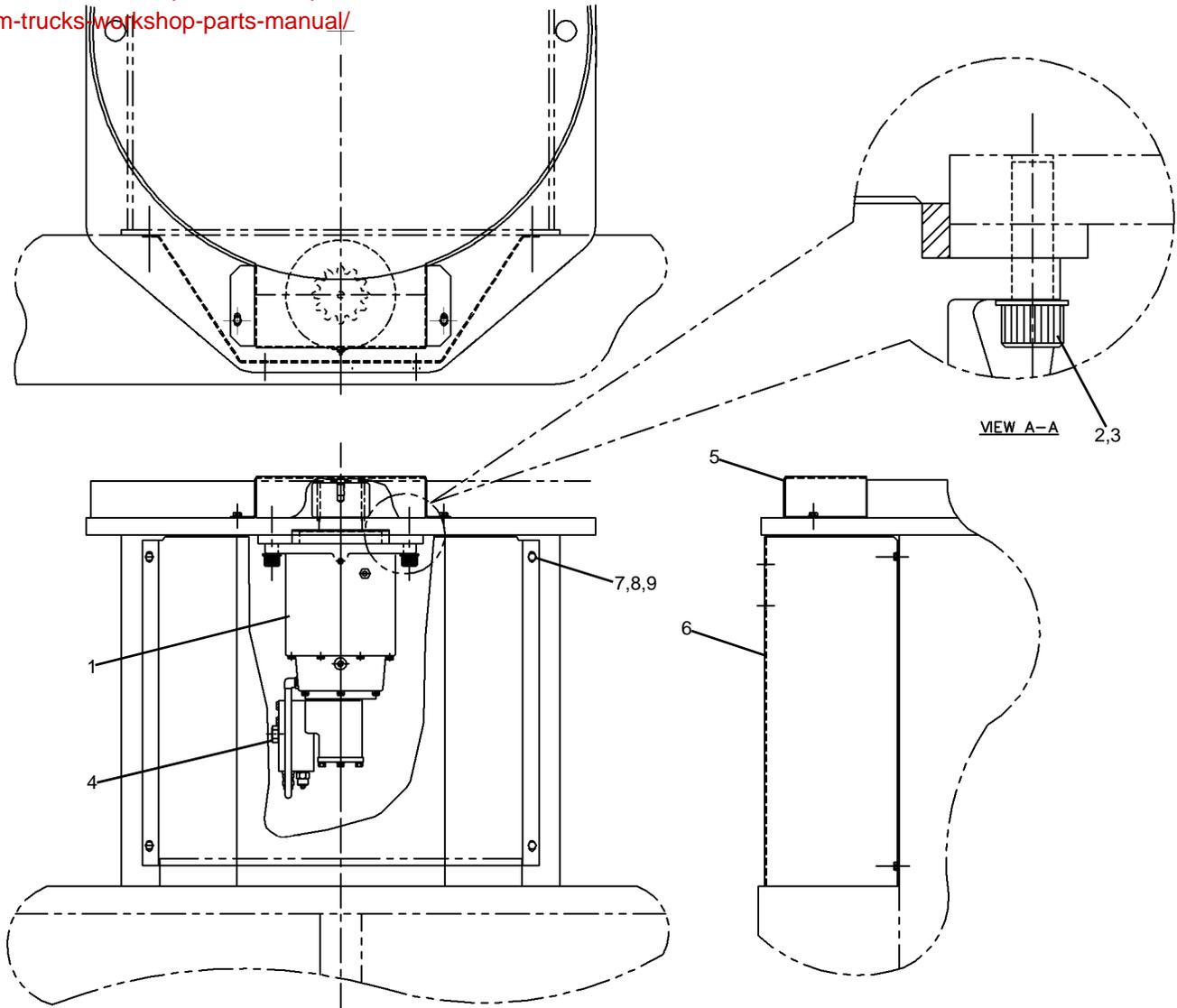


TURRET INSTALLATION

Continuous Rotation

DATE: Issued 04-2007
 MODEL: BT7000 Series
 Page 12.4

GROUP
12



REF	PART NO	DESCRIPTION	QTY
1	Page 22.2	Gearbox, Rotation Assembly.....	1
2	220-37020	Bolt, Socket Head, 3/4-10UNRC-3 x 2 1/4"4	4
3	222-07003	Washer, Flat 3/4 PLT Hard.....	4
4	513-50027	Connector, Straight	1
5	802-01644	Cover, Pinion Gear.....	1
6	802-01645	Cover, Rotation Gear Box	1
7	220-01004	Capscrew hex Head 5/16NC x 3/4	6
8	222-11002	Washer, Lock 5/16	6
9	222-01001	Washer, Flat 5/16	6

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

Sample of manual. Download All 123 pages at:



ROTATION GEARBOX
 Installation

DATE: Revised 04-2007
 MODEL: BT7000 Series
 Page: 22.1

GROUP
22