



# PARTS MANUAL

**BT3000** 

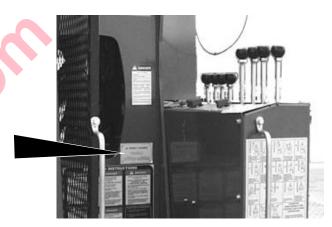
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## INSTRUCTIONS FOR ORDERING PARTS

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 numbar located on a plate affixed to the Turret bell in at the Operator's Seat.



### PART IDENTIFICATION

State the part purcher, 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: 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 with performing service procedures on the machine



## MPORTANT

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

The **PARTS G ROUP 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 by 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 inquestion. (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

- 3. Major assemblies are shown at the biginning of each group with page references to component parts breakdowns on the pages vital follow. Briefly skim through the group to familiarizeyourself with the information included in it. Locate the illustration and parts list which pertain to the assembly or part you desire. Compare the cerial number of your machine to those which may appear on the page to be sure you are ordering the correct part.
- 4. Item number 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 cook er symbol are included in a repair kit. If no part number is shown, these parts cannot be order of sap rately.
- 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**

## **PARTS GROUPS**

## **BT3000**

## **LOWER**

### **UPPER**

### 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 OUT, 'GCT', CYLINDER
- 3.4 MAIN O', CER CYLINDER
- 3.5 AUX HAFY DUTRIGGER
- 3.6 AUXI JARY OUTRIGGER
  CYLINDER
  - AUXILIARY OUTRIGGER
    CYLINDER

#### 12 SUPERSTRUCTURE

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

## **HYDRAULICS**

#### **∠2** 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

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