

PARTS MANUAL

CHALLENGER

**H150H, H165H, H180H, H200HS,
H200H, H225H, H250H & H275H
(H7.00HS, H7.50H, H8.00H,
H9.00HS H9.00H, H10.00H,
H11.50H & H12.50H)**

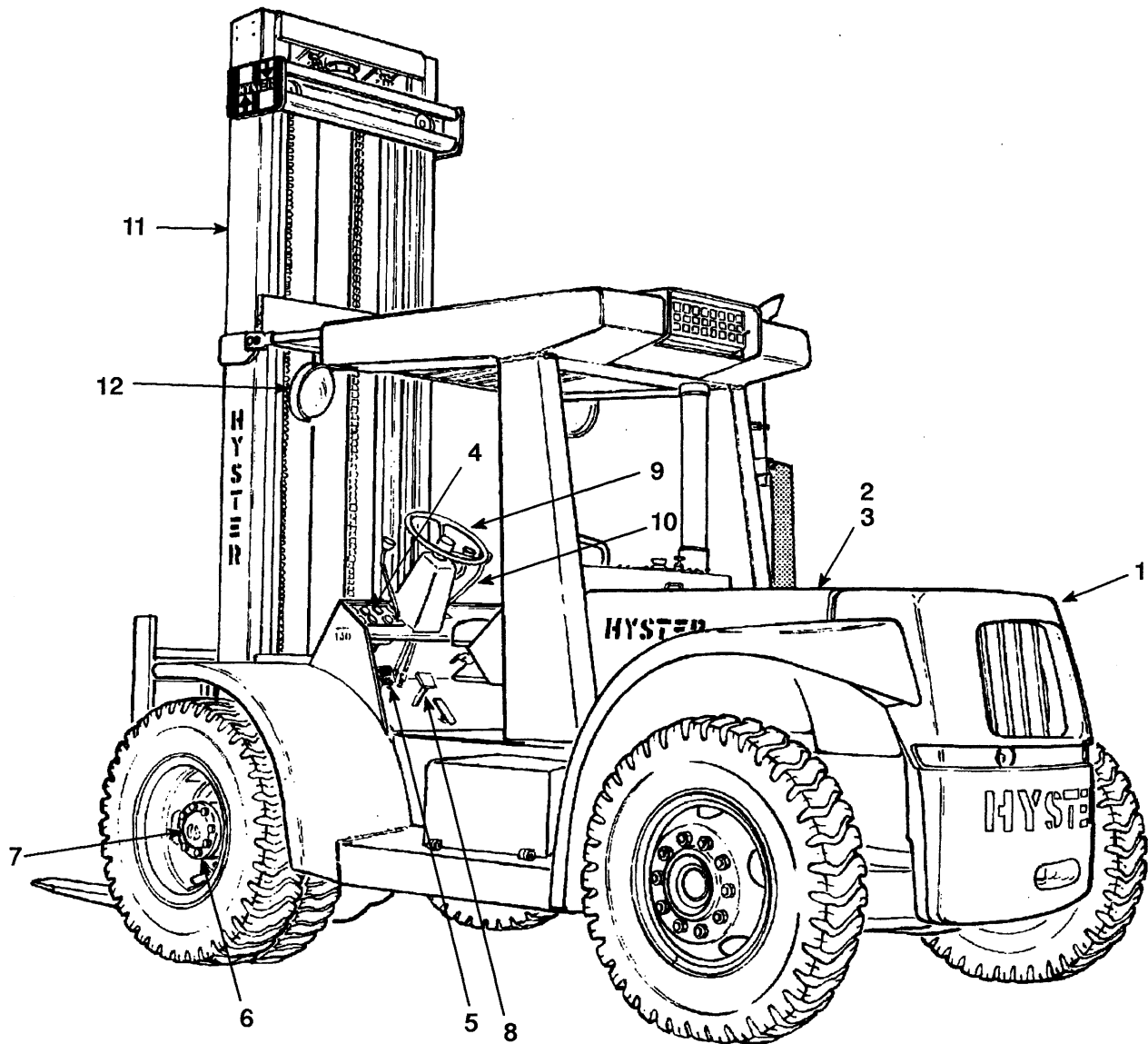
**P150B & P200B
(P7.00B & P9.00B)**

(C007)

CUSTOMER EDITION

HYSTER

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HOW TO USE ILLUSTRATED PARTS MANUAL

This parts manual describes and illustrates assemblies, subassemblies, and detail parts needed for service replacement.

The different constructions are indicated by keys, symbols and footnotes.

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		101	19			36	16	15212	2

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ILLUSTRATED CONTENTS

REF	DIVISION
1	Frame
2	Drive Axle
3	Steering
4	Brake/Accelerator
5	Electrical
6	Hydraulic
7	Mast-Vista Two-Stage Limited Free Lift
8	Mast-Global Two-Stage Limited Free Lift
9	Mast-Vista Three-Stage Full Free Lift
10	Mast-Global Three-Stage Full Free Lift
11	Mast-Vista Two-Stage Full Free Lift
12	Mast-Global Two-Stage Full Free Lift
13	Mast-Vista Four-Stage Full Free Lift
14	Optional Equipment

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SERIAL CODE C108

CARRIAGE (Figure 123)

LAST USED ON S/N PENDING PER ECN 98765

KEY
A: E40-50XL
B: E60XL

REF	PART NO.	NAME OF PART	QTY
1	1371660	Carriage	1
1	1359245	Frame	1
1	1359246	Frame	1
2	1345218	Load Roller ("A" Standard)	6
2	1345219	Load Roller ("B" 0.03 in.)	6
2	1345220	Load Roller ("C" 0.06 in.)	6
3	12891	Snap Ring	6

REF	PART NO.	NAME OF PART
4	1345263	Shim
5	366116	Spacer
6	1369345	Chain Anchor
6	1369344	Chain Anchor
7	317735	Pin
8	131358	Snap Ring
9	323161	Pin
10	15200	Cotter Pin

HOW TO FIND THE DESIRED PART NUMBER

WHEN THE PART NUMBER AND THE NEXT HIGHER ASSEMBLY IS NOT KNOWN:

1. Determine the function and application of the part required. Turn to the illustrated index page immediately behind the front cover. Choose the general area of reference most likely to include the part.
2. Find the page number for the reference number you choose and turn to that page. Use the division index to determine the assembly which would normally contain the part required. Then locate the part on the assembly breakdown page.

WHEN THE PART NUMBER IS NOT KNOWN AND THE NEXT HIGHER ASSEMBLY IS KNOWN:

3. Determine the assembly the required part is used on. Turn to the Master Index immediately following the Illustrated Index.
4. Locate the assembly the required part is used on and turn to the page indicated for that assembly. Then locate the part on the assembly breakdown page.

WHEN THE PART NUMBER IS KNOWN:

5. Use the numerical index at the back of the manual to find the part number. Turn to the figure listed and locate the part as indicated by the reference number.

GENERAL:

The assembly breakdowns include part numbers, description, quantities required, keys and footnotes to help in selecting the correct parts.

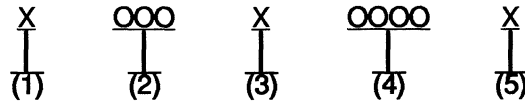
6. Keys are used to show effective serial numbers for two or more similar assemblies, RH and LH assembly parts, etc. Select the appropriate key, "A", "B", "C" or "D" and the corresponding quantity column to find the required parts.
7. Indented descriptions under "Name of Part" are used to indicate assemblies and sub-parts of assemblies. In the example, *LOAD ROLLER* (Item 2) is a subpart of the major assembly *CARRIAGE*.
8. Quantities shown are for one assembly. The quantities of the subpart *LOAD ROLLER* are indicated as six and six. This means six per *CARRIAGE* assembly.
9. Engineering change notice (ECN) numbers for pending serial numbers are shown to allow for the inclusion of the most current parts information. Contact your local dealer for Hyster lift trucks for serial number information listed by ECN number.
10. Additional fork lengths are available. Contact your dealer for Hyster lift trucks.

ORDERING PARTS:

When ordering replacement parts, give the unit serial number, part number, name of part and quantity required.

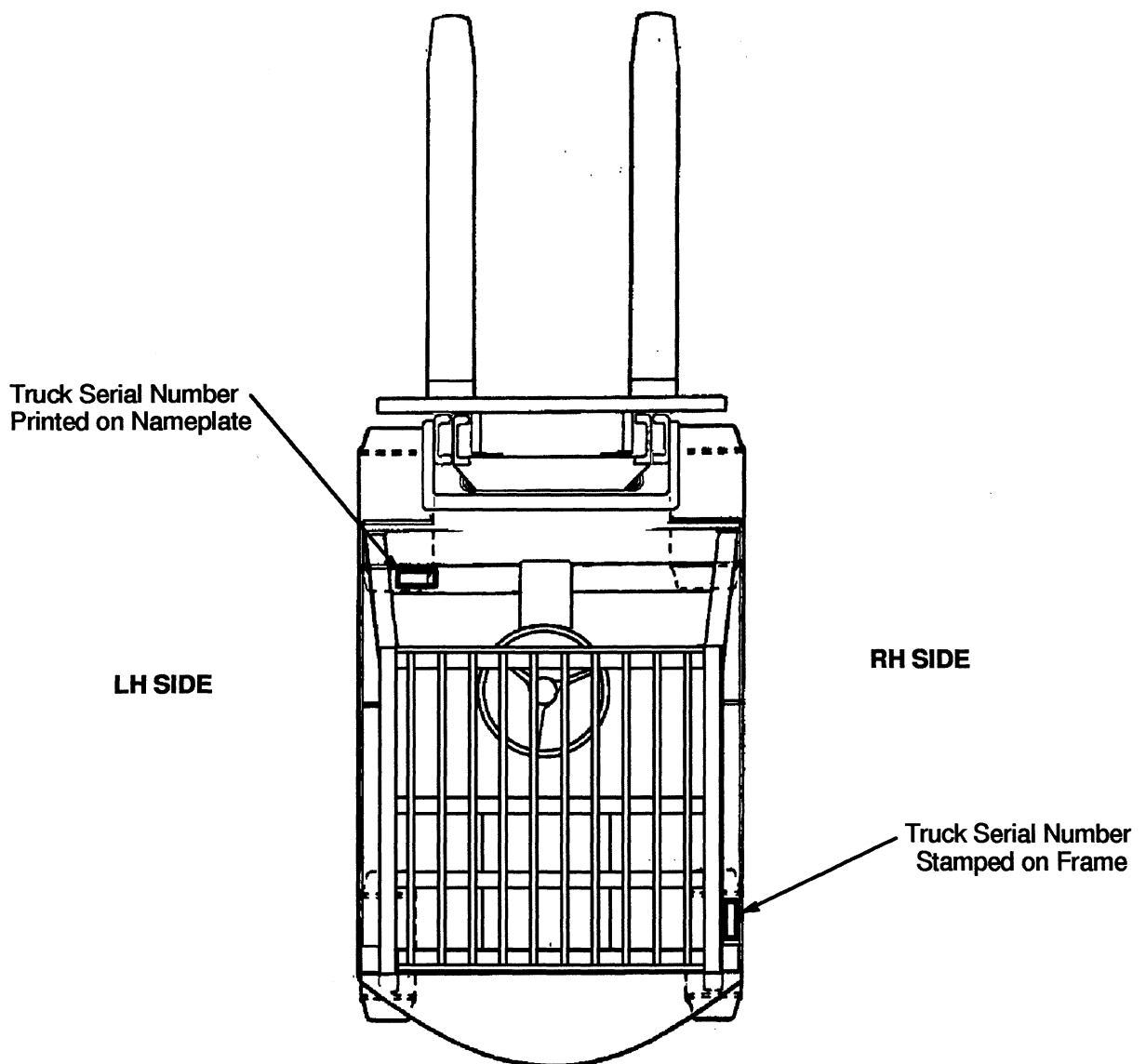
For any further information on parts, service, or ordering, consult your local dealer for Hyster lift trucks.

IDENTIFICATION OF TRUCK SERIAL NUMBERS



- (1) & (2) The first letter and three numbers indicates the truck model code.
- (3) The second letter indicates the plant of manufacture.
- (4) The four or five digit number series indicates the serial number of the truck.
- (5) The final letter indicates the year of manufacture starting with "A" in 1957 and 1980. The letters "I", "O", and "Q" will not be used.

For pending serial numbers contact your local dealer for Hyster lift trucks.



Parts referred to in this book as right or left hand parts are in accordance with the illustration above.

IDENTIFICATION OF MASTS NUMBERS

LIFT EQUIPMENT IDENTIFICATION

1. Mast group numbers and total lift heights are stamped on the right hand outer mast approximately four feet from the bottom of the fork. The group numbers include the inner and outer masts, lift cylinder, lift chain and bleeder hoses or pipes.
2. The carriage and tilt cylinder numbers are located as shown. Lift cylinder numbers are stamped on the cylinder shell near the bleeder screw or on the chain anchor. Fork part number, capacity rating, plant code letter and date of manufacture are stamped approximately six inches below the top RH side of forks. Always refer to these group and part numbers when ordering service parts.

