

PARTS MANUAL

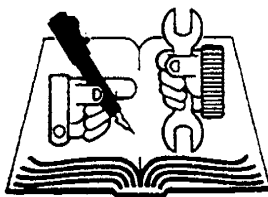
CHALLENGER

H360-370-400-420-460-
470-510-520-550-580-
620-650-700C

H17.00-19.00-21.50-
23.50-26.00-28.00-
32.00C

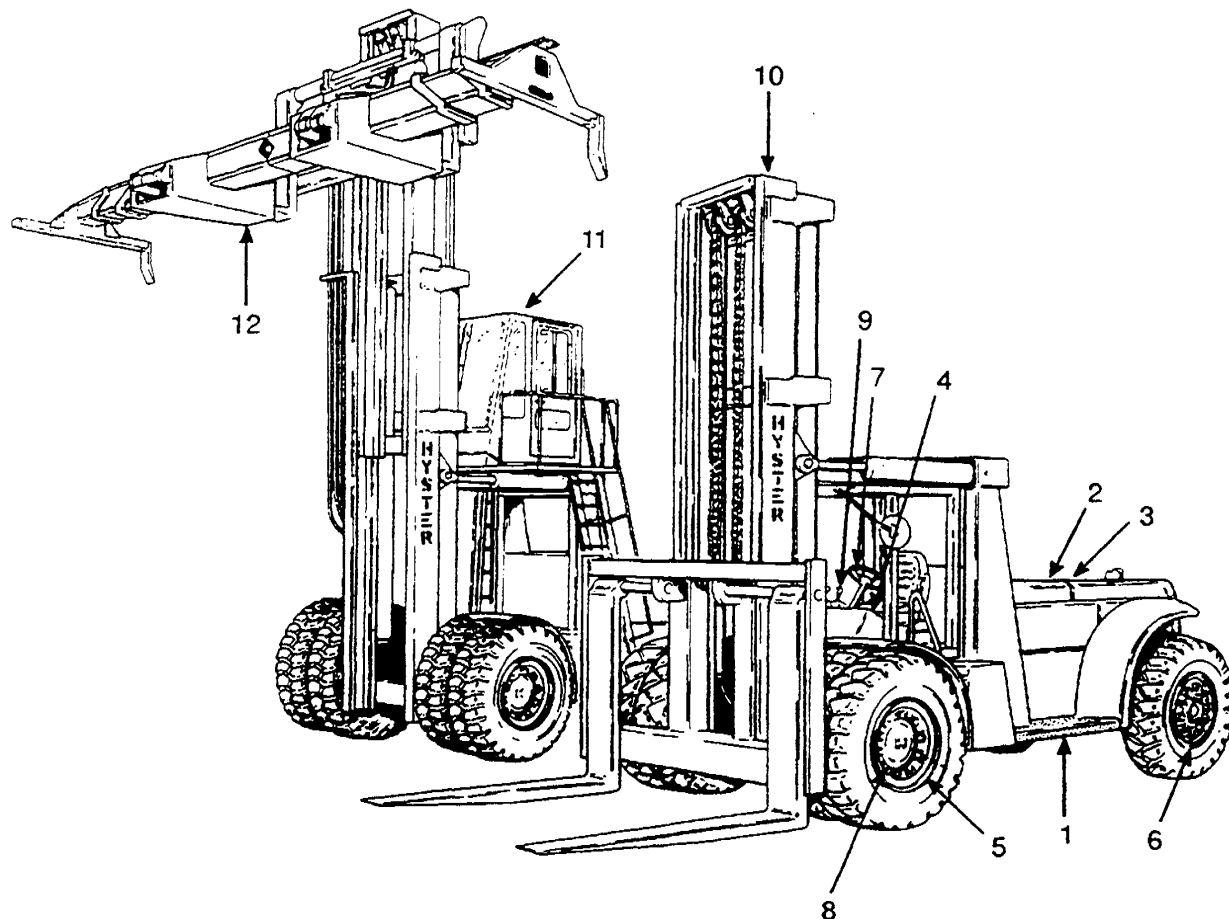
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CUSTOMER EDITION



Hyster Easy Language Program

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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.

IT ALSO INCLUDES ALL PARTS PECULIAR TO TRUCKS BUILT IN OVERSEAS PLANTS. THESE PARTS ARE INDICATED BY KEYS, SYMBOLS AND FOOTNOTES.

INDEX-MASTER

INDEX-NUMERICAL

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158	2008	14	10C4	4	1988	7	15846	1004	28	19183	1012	4
	2001	12	10C7	25	1988	90	1004	21	19200	1012	10	
	2001	18	10C4	11	19137	1004	22	1004	42	1914	9	
	2006	22	14C4	21	19134	1904	41	1004	15	1006	21	
134	2006	12	1112	3	1904	10	1000	10	2003	12	2003	12
	2001	23	1900P	1000	4	19125	20C1	23	1004	17	2004	7
	2001	13	1004	4	19144	1004	15	1004	24	2012	7	
142	10C4	11	1900P	2004	24	1901	22	1004	5	2002	7	
	10C4	11	1900P	1011	27	1904	20	1004	5	19111	2004	14
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			10C4	2012	18	1907	1	1004	20	2002	20	
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						10C4	4	1004	15	1912	11	

INDEX-ILLUSTRATED

MOTOR

LAST USED ON FORKING L/P PER FORK PARTS (SEE PAGE 421)

HYSTER COMPANY PARTS DEPARTMENT

USE HYSTER APPROVED PARTS... It pays



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.

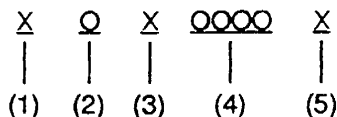
6. Keys are used to show effective serial numbers for two or more similar assemblies, RH and LH assembly parts, etc. select the appropriate key, "A", "B", "C" or "D" and the corresponding quantity column to find the required parts.
7. Indented descriptions under "Name of Part" are used to indicate assemblies and sub-parts of assemblies. In the example (Item 7), *HEAD* is a sub-part of the major assembly *MOTOR* and *SET-SPRING* is one of several sub-parts of the assembly *HEAD*.
8. Quantities shown are for one assembly. Note that two assemblies are shown, but the quantities of the subparts are indicated as three and three. This means three per 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.

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.

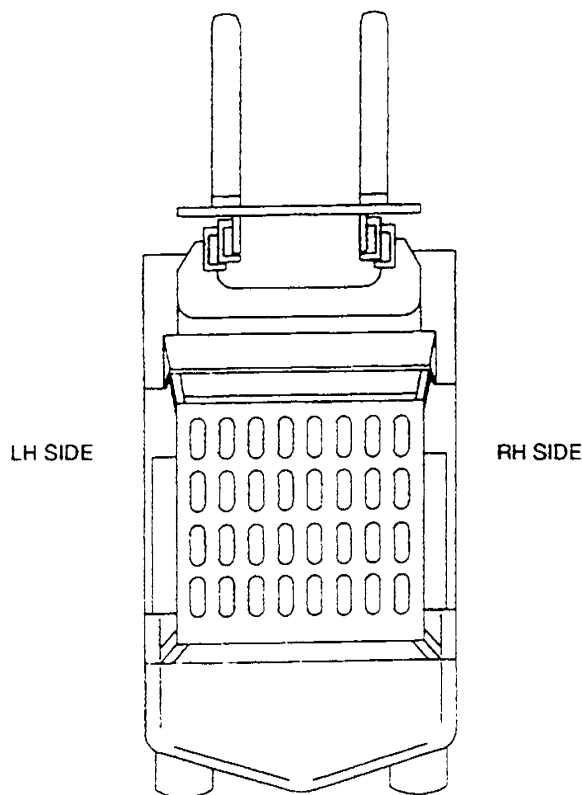
UNIT IDENTIFICATION UNIT S/N



- (1) & (2) The first letter and number denote the design series and model of the unit
- (3) The second letter denotes the Plant at which the unit was manufactured
- (4) The number series denotes the serial number of the unit
- (5) The final letter denotes the year of manufacture starting with "A" in 1957 and 1980 The letters "I", "O", and "Q" will not be used

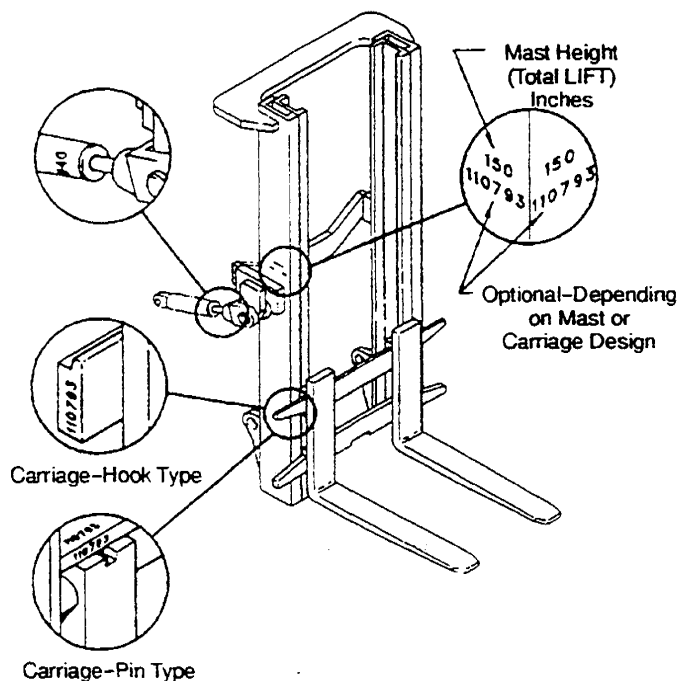
For pending serial numbers contact your local Hyster Dealer

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



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.





NOTES



PUBLICATIONS (Figure 1)

Every new lift truck is provided with at least three publications. These publications are the PARTS MANUAL, the OPERATING MANUAL, and the section of the SERVICE MANUAL called Periodic Maintenance.

The OPERATING MANUAL must always be available on every lift truck. This manual has information that the operator must know for inspection and operation of the lift truck. The section Periodic Maintenance

has a recommended schedule of service intervals and the procedures for servicing the lift truck.

These manuals, other publications and programs are available from your Dealer for Hyster Lift Trucks to help you operate and maintain your lift truck professionally. See the list that follows for reference to items for lift trucks in this PARTS MANUAL.

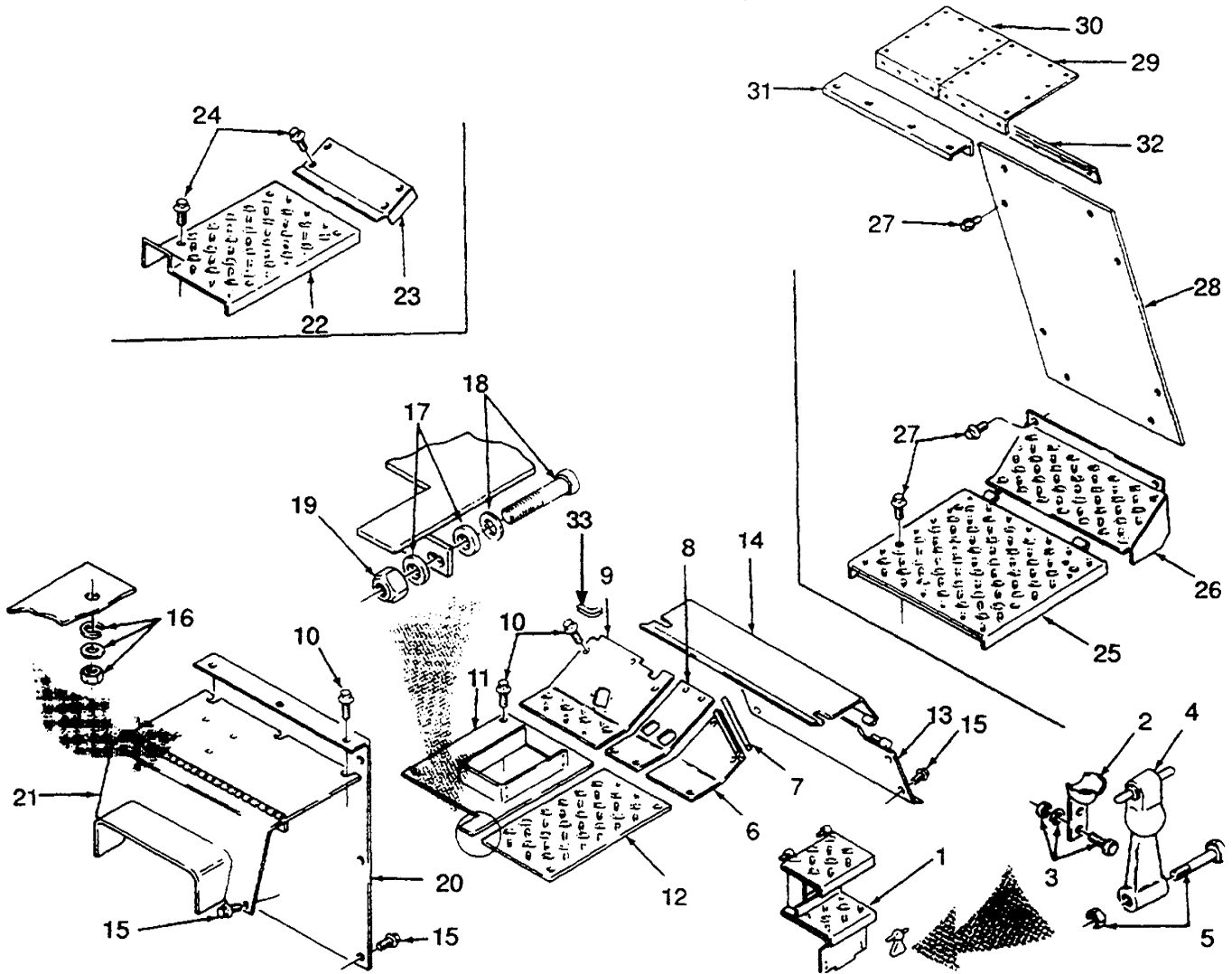
OPERATING MANUAL	
English (US) Last Used On S/N C8D-1549	599972
English (US) First Used On S/N C8D-1550	897374
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FLOORPLATES (Figure 2)



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