

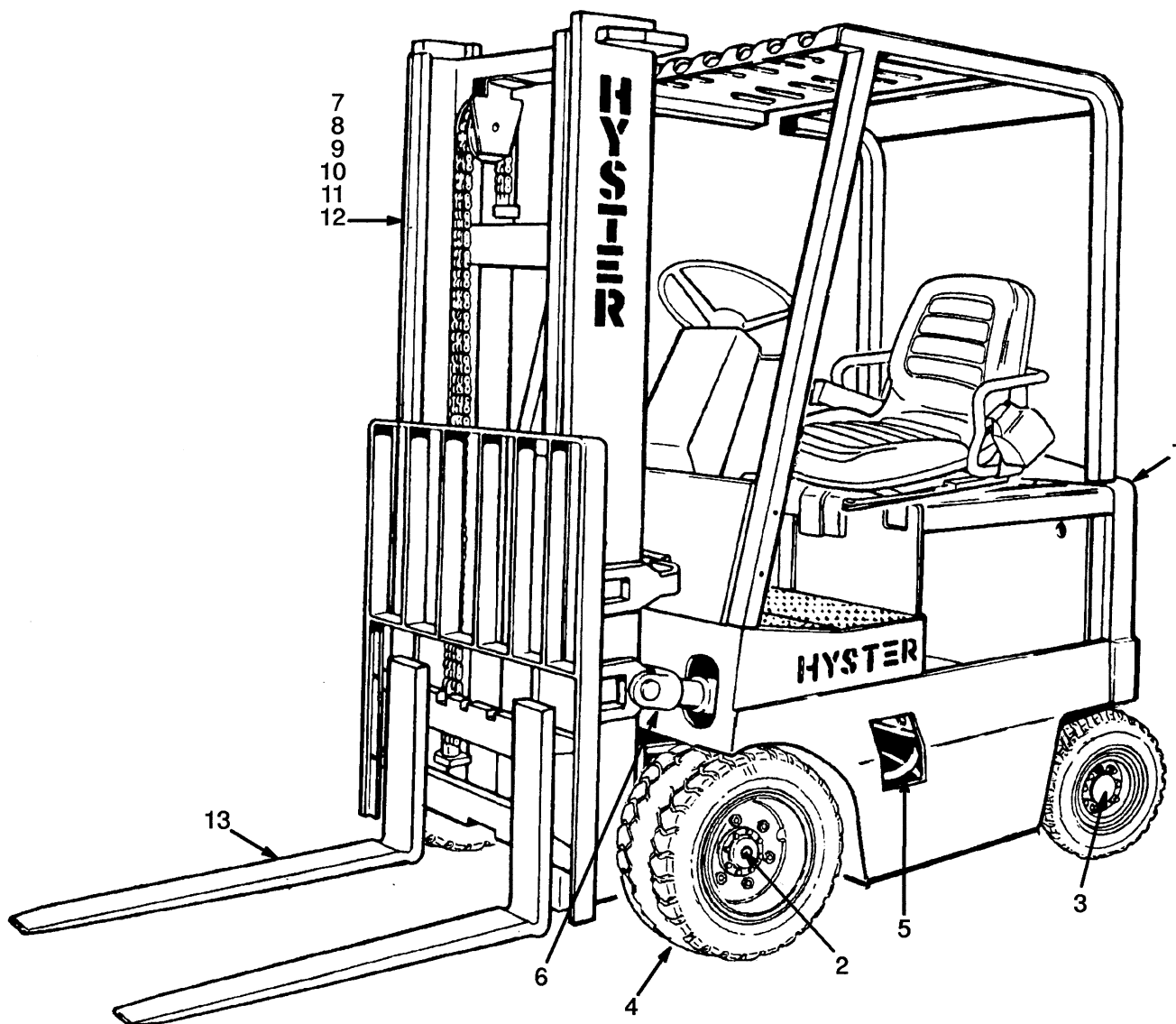
PARTS MANUAL

**ELECTRIC
J40-50-60XL
J2.00-2.50-3.00XL
(B168)**

CUSTOMER EDITION

HYSTER

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HOW TO USE THE 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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SERIAL CODE C187

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HYSTER
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HYSTER
SERIAL CODE C108

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

HYSTER
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
	1371658	Carriage	1
	1371659	Carriage	1
1	1359331	Carriage	1
1	1359332	Carriage	1
2	1333398	Load Roller ("A" Standard)	6 6
2	1333399	Load Roller ("B" 0.76 mm)	6 6
2	1337900	Load Roller ("C" 1.52 mm)	6 6
3	58901	Snap Ring	6 6

REF	PART NO.	NAME OF PART
4	129387	Shim
5	366115	Spacer
6	1369345	Chain Anch
6	1369344	Chain Anch
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.

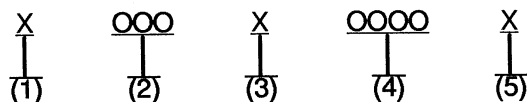
6. Keys are used to show effective serial numbers for two or more similar assemblies, RH and LH assembly parts, etc. select the appropriate key, "A", "B", "C" or "D" and the corresponding quantity column to find the required parts.
7. Indented descriptions under "Name of Part" are used to indicate assemblies and sub-parts of assemblies. In the example, *LOAD ROLLER* (Item 2) is a sub-part of the major assembly *CARRIAGE*.
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.
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.

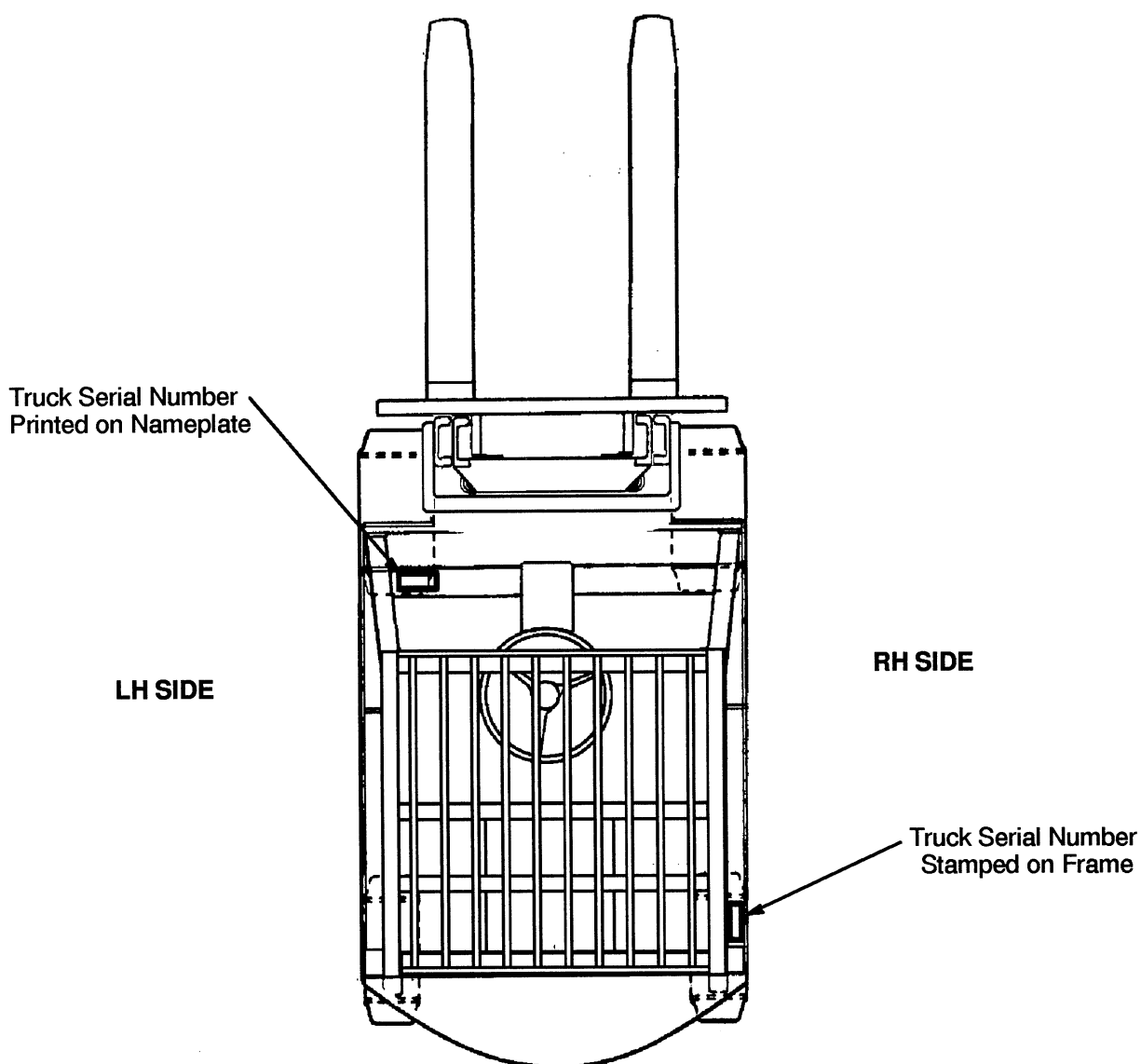
For any further information on parts, service, or ordering, consult your local dealer for Hyster lift trucks.

IDENTIFICATION OF TRUCK SERIAL NUMBERS



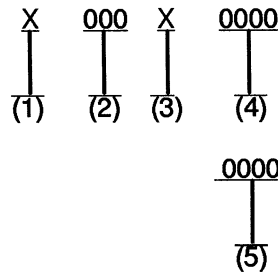
- (1) & (2) The first letter and three numbers indicates the truck model code.
- (3) The second letter indicates the plant of manufacture.
- (4) The four or five digit number series indicates the serial number of the truck.
- (5) The final letter indicates the year of manufacture starting with "A" in 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 MAST SERIAL NUMBERS



- (1) & (2) The first letter and number indicates the mast 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 mast.
- (5) Lift Height in millimeters stamped just below the serial number

Mast Group Identification consists of mast unit code (1) & (2) plus lift height (5).

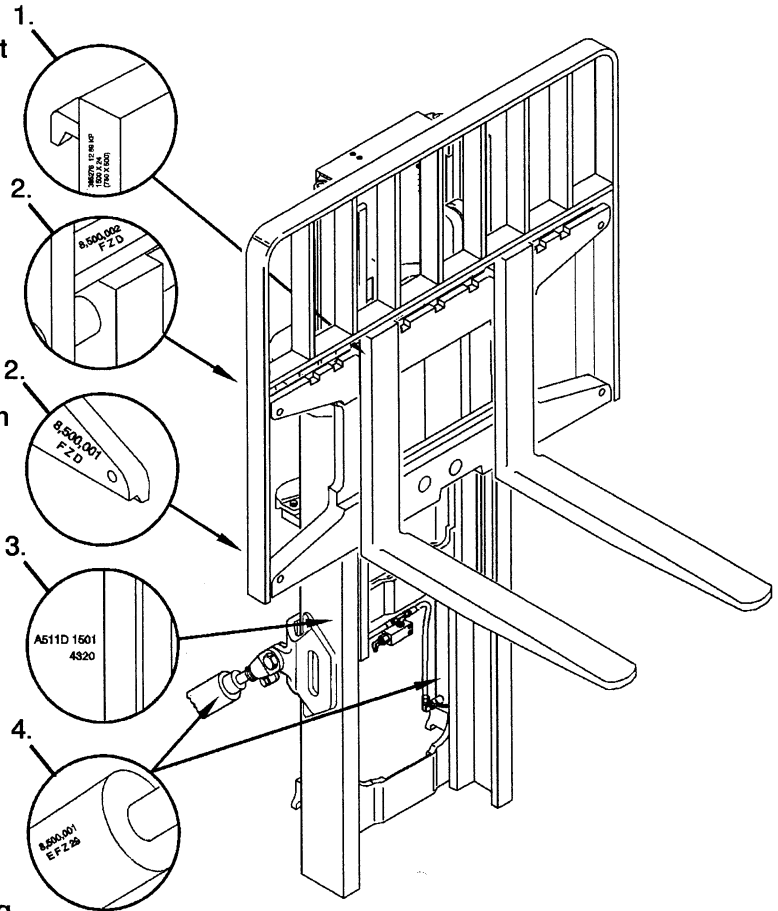
For pending serial numbers contact your local dealer for Hyster lift trucks.

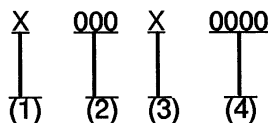
LIFT EQUIPMENT IDENTIFICATION

1. Fork part number, capacity rating, plant code letter and date of manufacture are stamped approximately six inches below the top of most forks.
2. The carriage group number is stamped on the right hand side of the top crossmember (pin type) or on the back of the right hand end of the bottom crossmember (hook type). A date code has two letters in line with or below the carriage group number.
3. The mast identification number has a model code, a letter indicating the plant of manufacture, and a serial number. Underneath the serial number is a four digit number that indicates the total lift height for the mast in millimetres.
4. Tilt and lift cylinder group numbers are stamped on the cylinder shell.

Always refer to the group, serial or part number when ordering service parts.

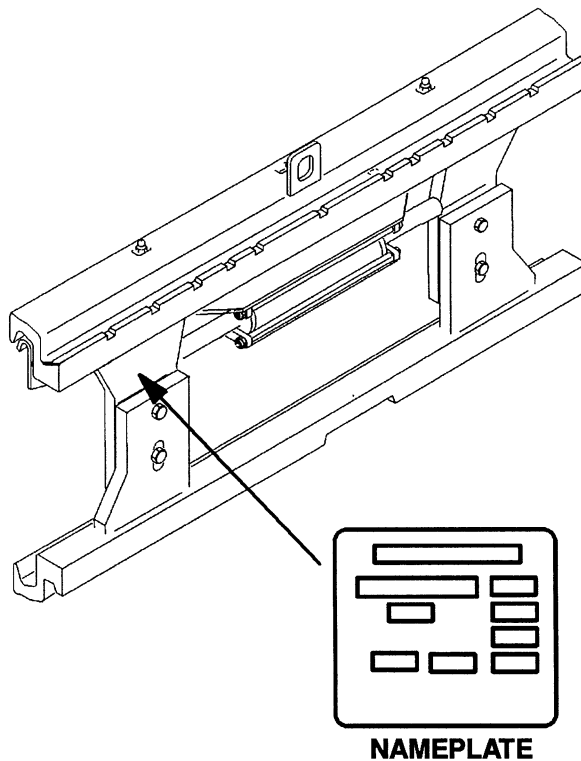
Modification of masts and carriages by SPED (Special Products Engineering Department) are identified by a model prefix code beginning with the letter "S". Contact your dealer for Hyster lift trucks for information on these assemblies.



**IDENTIFICATION OF ATTACHMENT AND SIDE-SHIFT CARRIAGE
SERIAL NUMBERS**

- (1) & (2) The first letter and three numbers indicates the attachment model code.
- (3) The second letter indicates the plant of manufacture.
- (4) The four or five digit number series indicates the serial number.

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



Side-Shift Carriages and Attachments have nameplates. Use the serial number found on the nameplate to identify the attachment.

Always refer to the group, serial or part number when ordering service parts.

Modification of attachments and side-shift carriages by SPED (Special Products Engineering Department) are identified by a model prefix code beginning with the letter "S". Contact your dealer for Hyster lift trucks for information on these assemblies.

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.

PUBLICATION	HYSTER PART NUMBER
Operating Manual	
English (U.S.)	897320
English (Non-U.S.)	897318
Spanish	857232
French	857229
German	857230
Dutch	857231
Swedish	853579
Danish	857234
Italian	857233
Portuguese	857235
Service Manual (complete)	897131
The Frame (100 SRM 284)	897066
DC Motor Maintenance (620 SRM 294)	897076
Drive Axle, Speed Reducer and Differential (1400 SRM 285)	897067
Steering Control Unit (1600 SRM 257)	910458
The Steering Axle (1600 SRM 316)	897097
Steering System-On Demand (1600 SRM 485)	897450
The Brake System (1800 SRM 315)	897073
Hydraulic System (1900 SRM 286)	897068
The Main Control Valve (2000 SRM 77)	899782
The Tilt Cylinders (2100 SRM 103)	910102
EV-100 Motor Controller	
Description and Operation (2200 SRM 287)	897069
Repairs and Adjustments (2200 SRM 288)	897070
Troubleshooting (2200 SRM 312)	897094
EV-100/200 LX Series Diagnostic Motor Controller and Hand Set -	
Description, Checks, Repairs, Adjustments	
and Troubleshooting (2200 SRM 460)	897409
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Description (4000 SRM 222)	899237
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Global Masts	
Description (4000 SRM 521)	897506
Repair (4000 SRM 522)	897507
Lift Cylinders (4000 SRM 135)	910119

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PUBLICATIONS**Service Manual (continued)**

Periodic Maintenance (8000 SRM 291)	897001
Capacities and Specifications (8000 SRM 292)	897074
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Electrical Diagrams – LX Motor Controller (8000 SRM 466)	897417
Inch (SAE) and Metric Fasteners (8000 SRM 231)	910442

Parts Manual	599637
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Operator Training Program

Operator Training Kit Complete	
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"Safety Is An Attitude" (1/2" VHS)	852690
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Guide for Users of Industrial Lift Trucks	852930
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