

# **PARTS MANUAL**

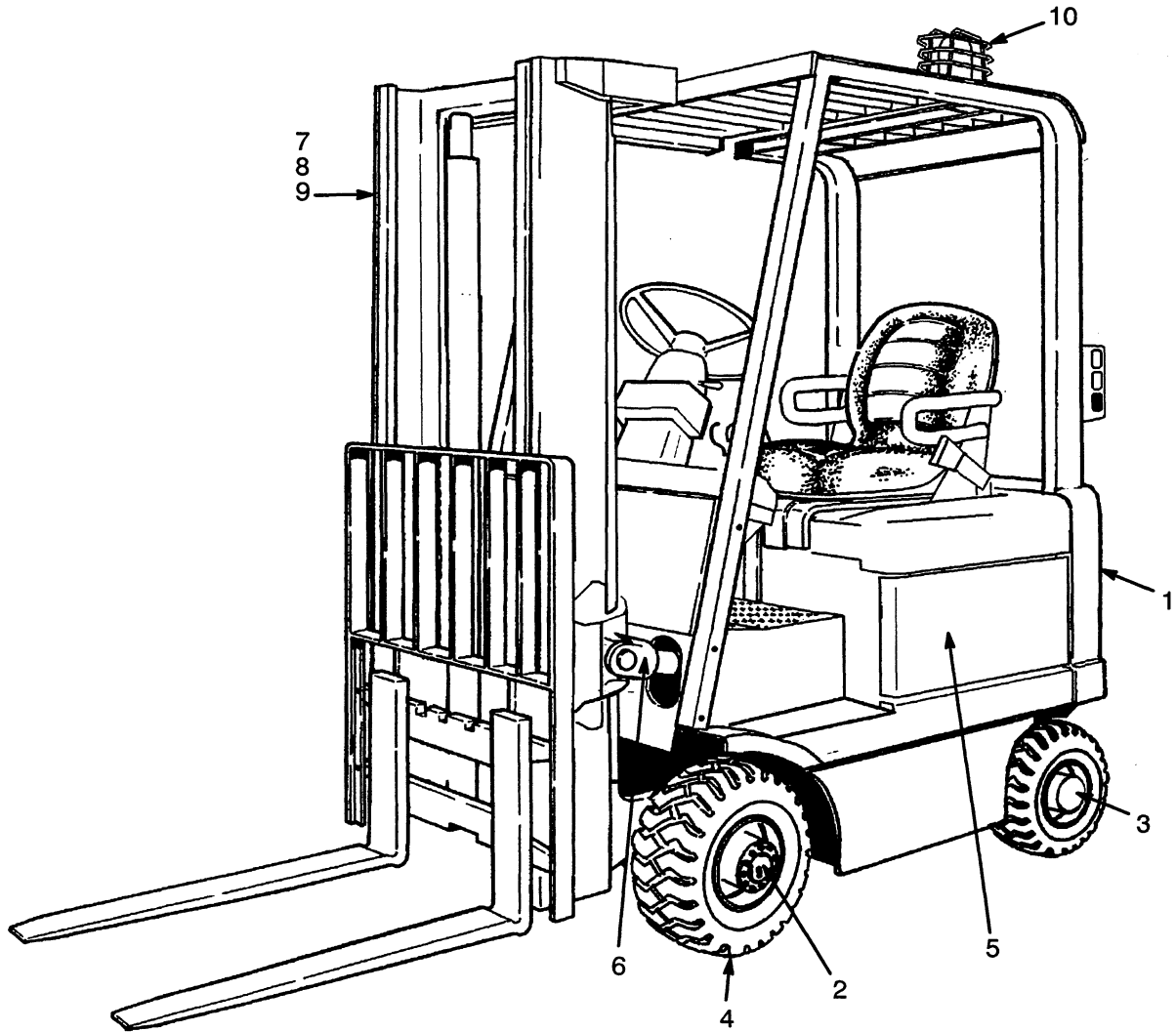
**ELECTRIC  
J40-50-60-65XM**

**(A216)**

**CUSTOMER EDITION**

# ***HYSTER***

**ILLUSTRATED CONTENTS**



REF	SECTION	PAGE
1	Frame .....	5
2	Drive Axle .....	23
3	Steering .....	31
4	Brake/Accelerator .....	51
5	Electrical .....	61
6	Hydraulic .....	99
7	Two-Stage Limited Free-Lift .....	127
8	Three-Stage Full Free-Lift .....	145
9	Two-Stage Full Free-Lift .....	171
10	Optional Equipment .....	195
11	Numerical Index .....	211

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>A</b>	
ACCELERATOR (Figure 33) .....	Page 58
<b>B</b>	
BACKUP ALARM (Figure 121) .....	Page 209
BATTERY CONNECTOR ASSEMBLY (Figure 50) .....	Page 90
BRAKE (Figure 31) .....	Page 54
BRAKE AND BACK-UP LIGHT (Figure 115) .....	Page 202
BRAKE PEDAL LINKAGE (Figure 29) .....	Page 52
<b>C</b>	
CARRIAGE (FOUR ROLLER) (Figure 105) TWO-STAGE FULL FREE-LIFT MAST .....	Page 184
CARRIAGE (FOUR ROLLER) (Figure 80) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 136
CARRIAGE (SIX ROLLER) (Figure 106) TWO-STAGE FULL FREE-LIFT MAST .....	Page 185
CARRIAGE (SIX ROLLER) (Figure 81) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 137
CARRIAGE (SIX ROLLER) (Figure 93) THREE-STAGE FULL FREE-LIFT MAST .....	Page 160
CONTACTOR (Figure 47) 1A, REGENERATIVE BRAKING, AND FIELD WEAKENING .....	Page 87
CONTACTOR (Figure 48) 1A AND PUMP .....	Page 88
CONTACTOR PANEL (Figure 42) CONTACTOR HYDRAULIC .....	Page 78
CONTACTOR PANEL (Figure 43) SCR HYDRAULIC .....	Page 80

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>C (Continued)</b>	
CONTROL PANEL (Figure 40) CONTACTOR HYDRAULIC .....	Page 74
CONTROL PANEL (Figure 41) SCR HYDRAULIC .....	Page 76
CONTROL VALVE (Figure 72) THREE FUNCTION .....	Page 120
CONTROL VALVE (Figure 73) FOUR FUNCTION .....	Page 122
COUNTERWEIGHT (Figure 8) .....	Page 14
COVERS (Figure 5) .....	Page 10
COWL ELECTRICAL (Figure 37) .....	Page 68
CYLINDER (J40-50XM) (Figure 78) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 134
CYLINDER (J60-65XM) (Figure 79) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 135
<b>D</b>	
DC-DC CONVERTER (Figure 118) LAST USED ON S/N A216A-2310, INCLUDING 4173,4174 .....	Page 206
DC-DC CONVERTER (Figure 119) 36/48 TO 12 VOLT FIRST USED ON S/N A216A-2311, EXCEPT 4173, 4174 .....	Page 207
DIRECTIONAL CONTACTOR (Figure 46) .....	Page 86
DOME LIGHT (Figure 120) LAST USED ON S/N A216A-2840 .....	Page 208
DRIVE AND REAR LIGHTS (Figure 116) .....	Page 204
DRIVE AXLE (Figure 12) .....	Page 24
DRIVE MOTOR MOUNT (Figure 59) .....	Page 102

## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>E</b>	
ELECTRICAL (Figure 35) SCR HYDRAULIC .....	Page 64
ELECTRICAL (Figure 36) CONTACTOR HYDRAULIC .....	Page 66
<b>F</b>	
FORK (Figure 110) THREE-STAGE FULL FREE-LIFT MAST .....	Page 192
FORK (Figure 85) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 142
FORK (Figure 97) THREE-STAGE FULL FREE-LIFT MAST .....	Page 168
FRAME (Figure 4) .....	Page 8
FREE LIFT (Figure 101) TWO-STAGE FULL FREE-LIFT MAST .....	Page 178
FREE LIFT (Figure 90) THREE-STAGE FULL FREE-LIFT MAST .....	Page 154
FREE-LIFT CYLINDER (Figure 104) TWO-STAGE FULL FREE-LIFT MAST .....	Page 182
FREE-LIFT CYLINDER (Figure 92) THREE-STAGE FULL FREE-LIFT MAST .....	Page 158
<b>H</b>	
HANDLEVER (Figure 71) .....	Page 118
HEADER HOSE (Figure 96) THREE-STAGE FULL FREE-LIFT MAST .....	Page 164
HEADER HOSE (Figure 109) TWO-STAGE FULL FREE-LIFT MAST .....	Page 188
HEADER HOSE (Figure 84) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 140

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>H (Continued)</b>	
HOOD (Figure 9) .....	Page 16
HYDRAULIC (Figure 58) .....	Page 100
HYDRAULIC MOTOR (Figure 64) ECONOMY TRUCK IDENTIFY BY PART NUMBER .....	Page 107
HYDRAULIC MOTOR (Figure 65) PREMIUM TRUCK IDENTIFY BY PART NUMBER .....	Page 108
HYDRAULIC MOTOR (Figure 66) ECONOMY AND PREMIUM TRUCK OPTIONAL IDENTIFY BY PART NUMBER .....	Page 110
HYDRAULIC MOTOR (Figure 67) ECONOMY TRUCK OPTIONAL IDENTIFY BY PART NUMBER .....	Page 111
HYDRAULIC MOTOR (Figure 68) PREMIUM TRUCK OPTIONAL IDENTIFY BY PART NUMBER .....	Page 112
HYDRAULIC PUMP (Figure 60) IDENTIFY BY PART NUMBER LAST USED ON DATE BREAK 4/98 .....	Page 103
HYDRAULIC PUMP (Figure 61) 12 cc SINGLE GEAR PUMP IDENTIFY BY PART NUMBER FIRST USED ON DATE BREAK 4/98 .....	Page 104
HYDRAULIC PUMP (Figure 62) 19 cc DOUBLE GEAR PUMP IDENTIFY BY PART NUMBER FIRST USED ON DATE BREAK 4/98 .....	Page 105
HYDRAULIC PUMP (Figure 63) IDENTIFY BY PART NUMBER .....	Page 106
HYDRAULIC TANK (Figure 74) .....	Page 124

## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>I</b>	
INNER MAST (Figure 76) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 130
INNER MAST (Figure 88) THREE-STAGE FULL FREE-LIFT MAST .....	Page 150
INNER MAST (Figure 99) TWO-STAGE FULL FREE-LIFT MAST .....	Page 174
INSTRUMENT CLUSTER (Figure 39) .....	Page 72
INTERMEDIATE MAST (Figure 87) THREE-STAGE FULL FREE-LIFT MAST .....	Page 148
<b>L</b>	
LABELS AND PAINT (Figure 3) .....	Page 6
LIFT (Figure 77) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 132
LIGHT HARNESS (Figure 122) .....	Page 210
LOAD BACKREST EXTENSION (Figure 107) TWO-STAGE FULL FREE-LIFT MAST .....	Page 186
LOAD BACKREST EXTENSION (Figure 82) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 138
LOAD BACKREST EXTENSION (Figure 94) THREE-STAGE FULL FREE-LIFT MAST .....	Page 161
<b>M</b>	
MAIN CYLINDER (Figure 91) THREE-STAGE FULL FREE-LIFT MAST .....	Page 156
MAIN CYLINDER, LH (Figure 102) TWO-STAGE FULL FREE-LIFT MAST .....	Page 180
MAIN CYLINDER, RH (Figure 103) TWO-STAGE FULL FREE-LIFT MAST .....	Page 181

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>M (Continued)</b>	
MAIN LIFT (Figure 100) TWO-STAGE FULL FREE-LIFT MAST .....	Page 176
MAIN LIFT (Figure 89) THREE-STAGE FULL FREE-LIFT MAST .....	Page 152
MAST INSTALLATION (Figure 108) TWO-STAGE FULL FREE-LIFT MAST .....	Page 187
MAST INSTALLATION (Figure 83) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 139
MAST INSTALLATION (Figure 95) THREE-STAGE FULL FREE-LIFT MAST .....	Page 162
MASTER CYLINDER (Figure 30) .....	Page 53
MONOTROL PEDAL (Figure 34) .....	Page 59
<b>N</b>	
NON-SUSPENSION SEAT (Figure 10) .....	Page 18
<b>O</b>	
OUTER MAST (Figure 75) TWO-STAGE LIMITED FREE-LIFT MAST .....	Page 128
OUTER MAST (Figure 86) THREE-STAGE FULL FREE-LIFT MAST .....	Page 146
OUTER MAST (Figure 98) TWO-STAGE FULL FREE-LIFT MAST .....	Page 172
OVERHEAD GUARD (Figure 6) LAST USED ON S/N A216A-2428 .....	Page 12
OVERHEAD GUARD (Figure 7) FIRST USED ON S/N A216A-2429 .....	Page 13



## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>P</b>	
PARK BRAKE (Figure 32) LEVER ACTUATED .....	Page 56
PUBLICATIONS (Figure 1) .....	Page 2
PUMP PANEL (Figure 45) .....	Page 84
<b>R</b>	
RECOMMENDED SPARE PARTS LIST (Figure 2) .....	Page 3
<b>S</b>	
SHIFT LEVER (Figure 38) .....	Page 70
SIDESHIFT CARRIAGE (Figure 113) .....	Page 198
SIDESHIFT CYLINDER (Figure 114) .....	Page 200
STEERING AXLE (Figure 28) .....	Page 48
STEERING CONTACTOR (Figure 49) .....	Page 89
STEERING CONTROL UNIT (Figure 17) IDENTIFY BY PART NUMBER FIRST USED ON DATE BREAK 7/97 .....	Page 35
STEERING CONTROL UNIT (Figure 16) IDENTIFY BY PART NUMBER LAST USED ON DATE BREAK 7/97 .....	Page 34
STEERING CYLINDER (Figure 19) .....	Page 38
STEERING HYDRAULIC (Figure 18) .....	Page 36
STEERING MOTOR (Figure 23) LAST USED ON DATE BREAK 9/97 .....	Page 42
STEERING MOTOR (Figure 24) WITH BRUSH WEAR INDICATOR USED ON DATE BREAK 9/97 THRU DATE BREAK 12/98 .....	Page 43

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>S (Continued)</b>	
STEERING MOTOR (Figure 25) WITH BRUSH WEAR INDICATOR FIRST USED ON DATE BREAK 12/98 .....	Page 44
STEERING MOTOR (Figure 26) WITHOUT BRUSH WEAR INDICATOR USED ON DATE BREAK 9/97 THRU DATE BREAK 12/98 .....	Page 45
STEERING MOTOR (Figure 27) WITHOUT BRUSH WEAR INDICATOR FIRST USED ON DATE BREAK 12/98 .....	Page 46
STEERING POD (Figure 15) .....	Page 32
STEERING PUMP (Figure 20) LAST USED ON DATE BREAK 3/97 .....	Page 39
STEERING PUMP (Figure 21) USED ON DATE BREAK 3/97 THRU DATE BREAK 7/97 .....	Page 40
STEERING PUMP (Figure 22) FIRST USED ON DATE BREAK 7/97 .....	Page 41
STROBE LIGHT (Figure 117) .....	Page 205
SUSPENSION SEAT (Figure 11) .....	Page 20
<b>T</b>	
TILT CYLINDER (Figure 69) .....	Page 114
TIRE AND WHEEL (Figure 111) STEER WHEEL .....	Page 196
TIRE AND WHEEL (Figure 112) DRIVE WHEEL .....	Page 197
TRACTION MOTOR (Figure 14) .....	Page 28
TRACTION PANEL (Figure 44) .....	Page 82
TRANSMISSION (Figure 13) .....	Page 26

## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>V</b>	
VALVE ATTACHING PARTS (Figure 70) .....	Page 116
<b>W</b>	
WIRE HARNESS (Figure 51) ON-DEMAND STEERING .....	Page 91
WIRE HARNESS (Figure 52) INSTRUMENT CLUSTER (PREMIUM DISPLAY) WITH SCR HYDRAULICS .....	Page 92
WIRE HARNESS (Figure 53) INSTRUMENT CLUSTER ECONOMY DISPLAY .....	Page 93
WIRE HARNESS (Figure 54) INSTRUMENT CLUSTER (PREMIUM DISPLAY) WITH CONTACTOR HYDRAULICS .....	Page 94
WIRE HARNESS (Figure 55) IGNITION SWITCH .....	Page 95
WIRE HARNESS (Figure 56) MAIN .....	Page 96
WIRE HARNESS (Figure 57) FORWARD AND REVERSE LEVER .....	Page 97

**ABBREVIATIONS QUICK REFERENCE SHEET**

Listed Below Are Abbreviations Used In Parts Manuals To Denote The Following Expressions:

....	Not Serviced Separately
2-STG	Two Stage Mast
3-STG	Three Stage Mast
4-STG	Four Stage Mast
Amp	Amperes
AR	As Required
BCS	Box Car Special
BWI	Brush Wear Indicator
CE	Commutator End
CRE	Corrosive Environment
dbA	Decibel "A" Scale
DE	Drive End
EC or ECH	Empty Container Handler Europe Empty Container Handler U.S.
EC-3 ECH-3	Empty Container Handler-3 High Stacking
EC-4 ECH-4	Empty Container Handler-4 High Stacking
EC-5 ECH-5	Empty Container Handler-5 High Stacking
EC-6 ECH-6	Empty Container Handler-6 High Stacking
EC-7 ECH-7	Empty Container Handler-7 High Stacking
ECM	Electronic Control Module
ECN	Engineering Change Notice
EEPROM	Electrically Erasable Programable Read Only Memory
EPROM	Electrically Programable Read Only Memory
FFL	Full Free Lift
FLT	Fork Lift Truck
FRE	Freezer Environment
in	inches
LFL	Limited Free Lift
LH	Left Hand
LPG	Liquified Petroleum Gas
MAP	Manifold Absolute Pressure
mm	millimeters
MSTS	Microprocessor Spark Timing System

NC	Normally Closed
NDE	Not Drive End (Commutator End)
NFL	No Free Lift
NI	Not Illustrated
NO	Normally Open
NPT	National Pipe Threads
NS	Neutral Start
O/S	Oversize
OC	Oil Clutch Transmission
PS	Powershift Transmission
PTO	Power Take Off
RH	Right Hand
RPM	Revolutions Per Minute
S/N	Serial Number
SFL	Semi-Free Lift
TMM	Truck Management Module
Type D	UL Type D, Diesel-Powered Safety Rating
Type DS	UL Type DS, Diesel-Powered Safety Rating
Type E	UL Type E, Battery Powered Safety Rating
Type EE	UL Type EE, Battery-Powered Safety Rating
Type ES	UL Type ES, Battery-Powered Safety Rating
Type G	UL Type G, Gasoline-Powered Safety Rating
Type GS	UL Type GS, Gasoline-Powered Safety Rating
Type LP	UL Type LP, LP Gas-Powered Safety Rating
Type LPS	UL Type LPS, LP Gas-Powered Safety Rating
U/S	Undersize
UL	Underwriters Laboratory
UK	United Kingdom
U.S.	United States
V	Volts
Xmsn	Transmission

## 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.

**HYSTER** SERIAL CODE D177-U.S.

3 → DESCRIPTION → **TABLE OF CONTENTS** → PAGE NO.

STEERING CONTROL UNIT (Figure 173)  
LAST USED ON S/N PENDING PER ECN 59650-27 ..... Page 316

STEERING CONTROL UNIT (Figure 173)  
LAST USED ON S/N PENDING PER ECN 59650-27 ..... Page 316

**HYSTER** SERIAL CODE D177

**NUMERICAL INDEX**

PART NO	PAGE NO	REF NO	PART NO	PAGE NO	REF NO	PART NO	PAGE NO	REF NO	PART NO	PAGE NO	REF NO
126	171	14	14386	209	39	149	43	303	15	8	15
142	175	17						311	19	16187	213
								15223	367	9	203
								31	15225	305	207
								35	15227	305	209
								34	15236	305	209
								33		327	135
								0		351	137
								1		352	59
								1		381	57
								1		16374	31
								1		16379	37
								1		16480	333
								1			28

**HYSTER** SERIAL CODE D177-U.S.

1 → **ILLUSTRATED CONTENTS**

REF	SECTION
1	Frame
2	Engine
3	Fuel System
4	Electrical System
5	Transmission
6	Steering System
7	Brake System
8	Hydraulic System
9	Two Stage Limited
10	Three Stage Full F
11	Two Stage Full Fre
12	Optional
13	Numerical Index

Page 441  
SERIAL CODE D177-U.S.

**HYSTER**

9 → **CARRIAGE (Figure 233)**  
**TWO STAGE FFL**  
**SIX ROLLER**  
LAST USED ON S/N PENDING PER ECN 98765

**KEY:**  
A: H45-850M  
B: H60-850M

REF	PART NO.	NAME OF PART	QTY
1	1345239	Carriage Assy	1
1	1345240	Carriage	1
1	1345264	Stubshaft	1
2	1345218	Load Roller	6
2	1395172	Load Roller ("A" Standard)	6
2	1345219	Load Roller ("B" 0.76 mm)	6
2	1345220	Load Roller ("C" 1.52 mm)	6
3	12961	Snap Ring	6
4	1345263	Shim	6
5	366116	Spacer	2
6	1369345	Chain Anchor	2
6	1369344	Chain Anchor	2
7	317735	Pin	2
8	131358	Snap Ring	2
9	323161	Pin	4
10	15200	Cotter Pin	2

ARAR

See Service Manual for service procedures

10/20/1997

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