

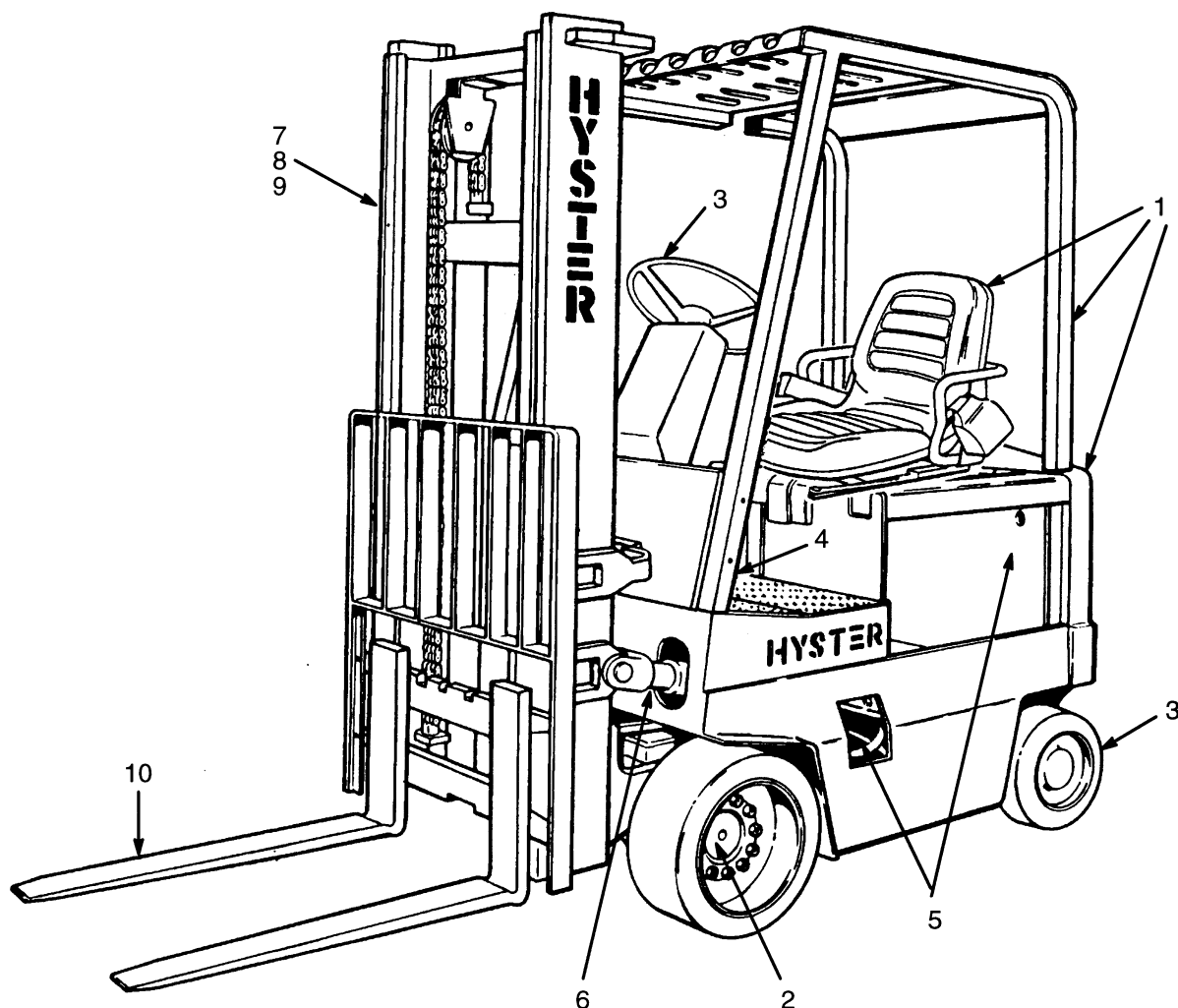
PARTS MANUAL

**ELECTRIC
E25–30–35XL
E1.25–1.50–1.75XL**

(C114)

CUSTOMER EDITION

HYSTER

INDEX-ILLUSTRATED

REF	SECTION	PAGE
1	FRAME	5
2	DRIVE AXLE	19
3	STEERING	27
4	BRAKE	45
5	ELECTRICAL	65
6	HYDRAULIC	119
7	TWO STAGE LIMITED FREE LIFT MAST	141
8	THREE STAGE FULL FREE LIFT MAST	151
9	TWO STAGE FULL FREE LIFT MAST	165
10	OPTIONAL EQUIPMENT	177
11	NUMERICAL INDEX	203

TABLE OF CONTENTS

DESCRIPTION	PAGE
A	
ACCELERATOR PEDAL	Page 62
ACCELERATOR	Page 60
B	
BACKUP ALARM EV-100LX CONTROLLER	Page 200
BATTERY CONNECTOR	Page 94
BRAKE LINKAGE WITH TRACTION CONTROL SWITCH	Page 46
BRAKE LINKAGE WITHOUT TRACTION CONTROL SWITCH	Page 48
BRAKE	Page 52
C	
CARRIAGE SIDE-SHIFT	Page 182
CARRIAGE SIDE-SHIFT	Page 183
CARRIAGE THREE STAGE FULL FREE LIFT	Page 164
CARRIAGE TWO STAGE FULL FREE LIFT	Page 176
CARRIAGE TWO STAGE LIMITED FREE LIFT	Page 149
CONTACTOR (1A/PUMP) LAST USED ON S/N C114V-2693 STANDARD U.S.	Page 106
CONTACTOR (1A/RB) FIRST USED ON S/N C114A-2671, C114V-2694 CONTACTOR HYDRAULIC SCR HYDRAULIC	Page 108
CONTACTOR (1A/RB) LAST USED ON S/N C114A-2670, C114V-2693 PREMIUM	Page 104

TABLE OF CONTENTS

DESCRIPTION	PAGE
C (Continued)	
CONTACTOR PANEL (EV100) FIRST USED ON S/N C114A-2671, C114V-2694 WITH REGENERATIVE BRAKING	Page 114
CONTACTOR PANEL (EV100) FIRST USED ON S/N C114A-2671, C114V-2694 WITHOUT REGENERATIVE BRAKING	Page 111
CONTACTOR PANEL (EV100LX) FIRST USED ON S/N C114A-3895, C114V-4470 WITH REGENERATIVE BRAKING	Page 116
CONTACTOR PANEL (EV100LX) FIRST USED ON S/N C114A-3895, C114V-4470 WITHOUT REGENERATIVE BRAKING	Page 112
CONTACTOR ON-DEMAND POWER STEERING	Page 118
CONTROL PANEL FIRST USED ON S/N C114A-2671, C114V-2694 CONTACTOR HYDRAULIC WITHOUT REGENERATIVE BRAKING	Page 80
CONTROL PANEL LAST USED ON C114A-2670, C114V-2693 PREMIUM U.S.	Page 72
CONTROL PANEL LAST USED ON S/N C114A-2670, C114V-2693 NON U.S. STANDARD	Page 76
CONTROL PANEL LAST USED ON S/N C114A-2670, C114V-2693 STANDARD U.S.	Page 70
CONTROL PANEL LAST USED S/N C114A-2670, C114V-2693 NON U.S. PREMIUM	Page 77
CONTROL VALVE THREE FUNCTION	Page 136

**Thanks very much for your reading,
Want to get more information,
Please click here, Then get the complete
manual**

JustClickHere 

NOTE:

**If there is no response to click on the link above,
please download the PDF document first, and then
click on it.**

**Have any questions please write to me:
admin@servicemanualperfect.com**

TABLE OF CONTENTS

DESCRIPTION	PAGE
C (Continued)	
CONTROL VALVE LINKAGE	Page 132
CONTROL VALVE FOUR FUNCTION	Page 138
CONTROL VALVE TWO FUNCTION	Page 134
COUNTERWEIGHT	Page 17
CYLINDER SIDE-SHIFT	Page 184
CYLINDER SIDE-SHIFT	Page 185
CYLINDER TWO STAGE LIMITED FREE LIFT	Page 148
D	
DRIVE AXLE	Page 20
E	
ELECTRICAL FIRST USED C114A-2671, C114V-2694 SCR HYDRAULIC	Page 82
ELECTRICAL FIRST USED ON S/N C114A-2671, C114V-2694 CONTACTOR HYDRAULIC	Page 78
ELECTRICAL LAST USED ON S/N C114A-2670, C114V-2693 NON U.S.	Page 74
ELECTRICAL LAST USED ON S/N C114A-2670, C114V-2693 U.S.	Page 68
F	
FIRE EXTINGUISHER	Page 196
FLOOR PLATES AND COVERS	Page 8

TABLE OF CONTENTS

DESCRIPTION	PAGE
F (Continued)	
FORK	Page 197
FORWARD/REVERSE CONTACTOR FIRST USED ON S/N C114A-2671, C114V-2694 CONTACTOR HYDRAULIC AND SCR HYDRAULIC	Page 102
FORWARD/REVERSE CONTACTOR LAST USED ON S/N C114A-2670 NON U.S.	Page 101
FORWARD/REVERSE CONTACTOR LAST USED ON S/N C114V-2693 STANDARD/PREMIUM U.S.	Page 100
FREE-LIFT CYLINDER THREE STAGE FULL FREE LIFT	Page 163
FREE-LIFT CYLINDER TWO STAGE FULL FREE LIFT	Page 175
FREE-LIFT THREE STAGE FULL FREE LIFT	Page 160
FREE-LIFT TWO STAGE FULL FREE LIFT	Page 172
H	
HAND PUMP IDENTIFY BY PART NUMBER OPTIONAL	Page 33
HAND PUMP IDENTIFY BY PART NUMBER	Page 32
HEADER HOSES THREE STAGE FULL FREE LIFT	Page 188
HEADER HOSES TWO STAGE FULL FREE LIFT	Page 190
HEADER HOSES TWO STAGE LIMITED FREE LIFT	Page 186
HOOD LIFT-OFF	Page 13

TABLE OF CONTENTS

DESCRIPTION	PAGE
H (Continued)	
HOOD TRUCK MOUNTED	Page 12
HYDRAULIC MOTOR 6.5 INCH MOTOR IDENTIFY BY PART NUMBER	Page 125
HYDRAULIC MOTOR 6.5 INCH MOTOR OPTIONAL	Page 126
HYDRAULIC MOTOR 7.5 INCH MOTOR IDENTIFY BY PART NUMBER	Page 127
HYDRAULIC MOTOR 7.5 INCH MOTOR OPTIONAL	Page 128
HYDRAULIC PUMP IDENTIFY BY PART NUMBER	Page 124
HYDRAULIC TANK	Page 129
HYDRAULIC	Page 120
I	
INNER MAST THREE STAGE FULL FREE LIFT	Page 156
INNER MAST TWO STAGE FULL FREE LIFT	Page 168
INNER MAST TWO STAGE LIMITED FREE LIFT	Page 144
INSTRUMENTS BATTERY GAUGE WITH LIFT INTERRUPT AND BWI	Page 91
INSTRUMENTS L.E.D. DISPLAY	Page 93
INSTRUMENTS PANEL ARRANGEMENT	Page 90

TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
I (Continued)	
INSTRUMENTS	Page 92
INTERMEDIATE MAST THREE STAGE FULL FREE LIFT	Page 154
L	
LABELS AND PAINT	Page 6
LIFT TWO STAGE LIMITED FREE LIFT	Page 146
LIGHTS 36/48 VOLT LAST USED ON S/N C114V-1975	Page 192
LIGHTS FIRST USED ON S/N C114V-1976	Page 194
LOAD BACKREST EXTENSION	Page 18
M	
MAIN CYLINDER THREE STAGE FULL FREE LIFT	Page 162
MAIN CYLINDER TWO STAGE FULL FREE LIFT	Page 174
MAIN LIFT TWO STAGE FULL FREE LIFT	Page 170
MAIN LIFT THREE STAGE FULL FREE LIFT	Page 158
MASTER CYLINDER	Page 50
MOUNT PUMP AND MOTOR	Page 122
O	
OUTER MAST THREE STAGE FULL FREE LIFT	Page 152

TABLE OF CONTENTS

DESCRIPTION	PAGE
O (Continued)	
OUTER MAST TWO STAGE FULL FREE LIFT	Page 166
OUTER MAST TWO STAGE LIMITED FREE LIFT	Page 142
OVERHEAD GUARD GRID STYLE RAISED HEIGHT	Page 11
OVERHEAD GUARD	Page 10
P	
PARKING BRAKE LINKAGE SEAT ACTUATED	Page 56
PARKING BRAKE LEVER ACTUATED	Page 54
PARKING BRAKE SEAT ACTUATED	Page 58
PUMP CONTACTOR FIRST USED ON S/N C114A-2671, C114V-2694 CONTACTOR HYDRAULIC	Page 110
PUMP CONTACTOR LAST USED ON S/N C114A-2670 NON U.S.	Page 109
PUMP PANEL FIRST USED ON S/N C114A-2671, C114V-2694 SCR HYDRAULIC	Page 98
PUMP PANEL LAST USED ON S/N C114V-2693 PREMIUM U.S.	Page 96
PUMP PANEL LAST USED S/N C114A-2670 NON U.S. PREMIUM	Page 97

TABLE OF CONTENTS

DESCRIPTION	PAGE
S	
SEAT AND ATTACHING PARTS	Page 14
SEAT	Page 16
STEERING AXLE	Page 42
STEERING COLUMN	Page 28
STEERING CYLINDER	Page 36
STEERING LINES	Page 34
STEERING MOTOR OPTIONAL USED ON S/N C114A-3778, C114V-4470 THRU S/N C114A-5022, C114V-7126	Page 39
STEERING MOTOR USED ON S/N C114A-5023, C114V-7127 ⇒ S/N PENDING PER ECN 72365	Page 40
STEERING MOTOR WITHOUT BRUSH WEAR INDICATOR FIRST USED ON S/N PENDING PER ECN 72365	Page 41
STEERING MOTOR	Page 38
STEERING PUMP	Page 37
STROBE LIGHT MEDIUM INTENSITY	Page 198
T	
TILT CYLINDER	Page 130
TIRE AND WHEEL CUSHION DRIVE	Page 178
TIRE AND WHEEL PNEUMATIC DRIVE	Page 181
TIRE AND WHEEL PNEUMATIC STEERING	Page 180

TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
T (Continued)	
TRACTION MOTOR NON U.S.	Page 26
TRACTION MOTOR WITH BWI CONNECTION U.S.	Page 25
TRACTION MOTOR WITHOUT BWI CONNECTION U.S.	Page 24
TRACTION PANEL FIRST USED ON S/N C114A-2671, C114V-2694 SCR HYDRAULIC	Page 86
TRACTION PANEL LAST USED S/N C114A-2670, C114V-2693	Page 84
TRACTION PANEL	Page 88
TRANSMISSION AND DIFFERENTIAL	Page 22

[illegible]

ABBREVIATIONS QUICK REFERENCE SHEET

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

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
LPG	Liquid 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
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.

i
SERIAL CODE E7

HYSTER

3 → **TABLE OF CONTENTS** → PAGE

DESCRIPTION	FIGURE NO	PAGE
Cylinder Block Turbo	4	Page 48
Cylinder Block		
Cylinder Head Turbo		
Cylinder Head		
Differential First Used d E7E-1585		

Page 1
SERIAL CODE E7

HYSTER

NUMERICAL INDEX

PART NO	FIGURE NO	REF NO	PART NO	FIGURE NO	REF NO	PART NO	FIGURE NO	REF NO	PART NO	FIGURE NO	REF NO
1357389	7	31	1360968	87	6	1369121	96	1	1374582	87	38
			1361200	19	6	1369122	96	11	1374583	87	39
							26		1374584	87	39
							27		1374598	87	39
							34		1374599	87	39
							35		1374750	10	20
							39			11	24
							41		1374980	34	25
							47			25	25

Page 211
SERIAL CODE D177-EUR

HYSTER

CARRIAGE TWO-STAGE LFL SIX ROLLER

LAST USED ON S/N PENDING PER ECN 98765 (Figure 163)

KEY

A: H2.00-2.75XM
B: H3.00-3.20XM

REF	PART NO.	NAME OF PART	QTY
1	1343846	Carriage Assy	1
1	1343847	Carriage Assy	1
1	1338616	Frame	1
1	1338618	Stubshaft	6
1	1345216	Load Roller ("A" Standard)	6
2	1345218	Load Roller ("B" 0.76 mm)	6
2	1345220	Load Roller ("C" 1.52 mm)	6
3	1289	Circlip	6
4	1345263	Shim	ARAR

REF	PART NO.	NAME OF PART	QTY
5	366116	Spacer	2
6	1369345	Chain Anchor	2
6	1369344	Chain Anchor	2
7	1345352	Pin	4
8	131358	Circlip	2
9	323161	Pin	2
10	15200	Split Pin	2

7 → **ILLUSTRATED CONTENTS**

REF	SECTION
1	FRAME
2	ENGINE
3	FUEL
4	ELECTRICAL
5	BRAKE
6	TRANSMISSION
7	DRIVE AXLE
8	STEERING
9	HYDRAULIC
10	TWO-STAGE FFL
11	OPTIONAL
...	NUMERICAL INDEX

1 → **ILLUSTRATED CONTENTS**

2 → **ILLUSTRATED CONTENTS**

3 → **ILLUSTRATED CONTENTS**

4 → **ILLUSTRATED CONTENTS**

5 → **ILLUSTRATED CONTENTS**

6 → **ILLUSTRATED CONTENTS**

7 → **ILLUSTRATED CONTENTS**

8 → **ILLUSTRATED CONTENTS**

9 → **ILLUSTRATED CONTENTS**

10 → **ILLUSTRATED CONTENTS**

11 → **ILLUSTRATED CONTENTS**

12 → **ILLUSTRATED CONTENTS**

13 → **ILLUSTRATED CONTENTS**

14 → **ILLUSTRATED CONTENTS**

15 → **ILLUSTRATED CONTENTS**

16 → **ILLUSTRATED CONTENTS**

17 → **ILLUSTRATED CONTENTS**

18 → **ILLUSTRATED CONTENTS**

19 → **ILLUSTRATED CONTENTS**

20 → **ILLUSTRATED CONTENTS**

21 → **ILLUSTRATED CONTENTS**

22 → **ILLUSTRATED CONTENTS**

23 → **ILLUSTRATED CONTENTS**

24 → **ILLUSTRATED CONTENTS**

25 → **ILLUSTRATED CONTENTS**

26 → **ILLUSTRATED CONTENTS**

27 → **ILLUSTRATED CONTENTS**

28 → **ILLUSTRATED CONTENTS**

29 → **ILLUSTRATED CONTENTS**

30 → **ILLUSTRATED CONTENTS**

31 → **ILLUSTRATED CONTENTS**

32 → **ILLUSTRATED CONTENTS**

33 → **ILLUSTRATED CONTENTS**

34 → **ILLUSTRATED CONTENTS**

35 → **ILLUSTRATED CONTENTS**

36 → **ILLUSTRATED CONTENTS**

37 → **ILLUSTRATED CONTENTS**

38 → **ILLUSTRATED CONTENTS**

39 → **ILLUSTRATED CONTENTS**

40 → **ILLUSTRATED CONTENTS**

41 → **ILLUSTRATED CONTENTS**

42 → **ILLUSTRATED CONTENTS**

43 → **ILLUSTRATED CONTENTS**

44 → **ILLUSTRATED CONTENTS**

45 → **ILLUSTRATED CONTENTS**

46 → **ILLUSTRATED CONTENTS**

47 → **ILLUSTRATED CONTENTS**

48 → **ILLUSTRATED CONTENTS**

49 → **ILLUSTRATED CONTENTS**

50 → **ILLUSTRATED CONTENTS**

51 → **ILLUSTRATED CONTENTS**

52 → **ILLUSTRATED CONTENTS**

53 → **ILLUSTRATED CONTENTS**

54 → **ILLUSTRATED CONTENTS**

55 → **ILLUSTRATED CONTENTS**

56 → **ILLUSTRATED CONTENTS**

57 → **ILLUSTRATED CONTENTS**

58 → **ILLUSTRATED CONTENTS**

59 → **ILLUSTRATED CONTENTS**

60 → **ILLUSTRATED CONTENTS**

61 → **ILLUSTRATED CONTENTS**

62 → **ILLUSTRATED CONTENTS**

63 → **ILLUSTRATED CONTENTS**

64 → **ILLUSTRATED CONTENTS**

65 → **ILLUSTRATED CONTENTS**

66 → **ILLUSTRATED CONTENTS**

67 → **ILLUSTRATED CONTENTS**

68 → **ILLUSTRATED CONTENTS**

69 → **ILLUSTRATED CONTENTS**

70 → **ILLUSTRATED CONTENTS**

71 → **ILLUSTRATED CONTENTS**

72 → **ILLUSTRATED CONTENTS**

73 → **ILLUSTRATED CONTENTS**

74 → **ILLUSTRATED CONTENTS**

75 → **ILLUSTRATED CONTENTS**

76 → **ILLUSTRATED CONTENTS**

77 → **ILLUSTRATED CONTENTS**

78 → **ILLUSTRATED CONTENTS**

79 → **ILLUSTRATED CONTENTS**

80 → **ILLUSTRATED CONTENTS**

81 → **ILLUSTRATED CONTENTS**

82 → **ILLUSTRATED CONTENTS**

83 → **ILLUSTRATED CONTENTS**

84 → **ILLUSTRATED CONTENTS**

85 → **ILLUSTRATED CONTENTS**

86 → **ILLUSTRATED CONTENTS**

87 → **ILLUSTRATED CONTENTS**

88 → **ILLUSTRATED CONTENTS**

89 → **ILLUSTRATED CONTENTS**

90 → **ILLUSTRATED CONTENTS**

91 → **ILLUSTRATED CONTENTS**

92 → **ILLUSTRATED CONTENTS**

93 → **ILLUSTRATED CONTENTS**

94 → **ILLUSTRATED CONTENTS**

95 → **ILLUSTRATED CONTENTS**

96 → **ILLUSTRATED CONTENTS**

97 → **ILLUSTRATED CONTENTS**

98 → **ILLUSTRATED CONTENTS**

99 → **ILLUSTRATED CONTENTS**

100 → **ILLUSTRATED CONTENTS**

101 → **ILLUSTRATED CONTENTS**

102 → **ILLUSTRATED CONTENTS**

103 → **ILLUSTRATED CONTENTS**

104 → **ILLUSTRATED CONTENTS**

105 → **ILLUSTRATED CONTENTS**

106 → **ILLUSTRATED CONTENTS**

107 → **ILLUSTRATED CONTENTS**

108 → **ILLUSTRATED CONTENTS**

109 → **ILLUSTRATED CONTENTS**

110 → **ILLUSTRATED CONTENTS**

111 → **ILLUSTRATED CONTENTS**

112 → **ILLUSTRATED CONTENTS**

113 → **ILLUSTRATED CONTENTS**

114 → **ILLUSTRATED CONTENTS**

115 → **ILLUSTRATED CONTENTS**

116 → **ILLUSTRATED CONTENTS**

117 → **ILLUSTRATED CONTENTS**

118 → **ILLUSTRATED CONTENTS**

119 → **ILLUSTRATED CONTENTS**

120 → **ILLUSTRATED CONTENTS**

121 → **ILLUSTRATED CONTENTS**

122 → **ILLUSTRATED CONTENTS**

123 → **ILLUSTRATED CONTENTS**

124 → **ILLUSTRATED CONTENTS**

125 → **ILLUSTRATED CONTENTS**

126 → **ILLUSTRATED CONTENTS**

127 → **ILLUSTRATED CONTENTS**

128 → **ILLUSTRATED CONTENTS**

129 → **ILLUSTRATED CONTENTS**

130 → **ILLUSTRATED CONTENTS**

131 → **ILLUSTRATED CONTENTS**

132 → **ILLUSTRATED CONTENTS**

133 → **ILLUSTRATED CONTENTS**

134 → **ILLUSTRATED CONTENTS**

135 → **ILLUSTRATED CONTENTS**

136 → **ILLUSTRATED CONTENTS**

137 → **ILLUSTRATED CONTENTS**

138 → **ILLUSTRATED CONTENTS**

139 → **ILLUSTRATED CONTENTS**

140 → **ILLUSTRATED CONTENTS**

141 → **ILLUSTRATED CONTENTS**

142 → **ILLUSTRATED CONTENTS**

143 → **ILLUSTRATED CONTENTS**

144 → **ILLUSTRATED CONTENTS**

145 → **ILLUSTRATED CONTENTS**

146 → **ILLUSTRATED CONTENTS**

147 → **ILLUSTRATED CONTENTS**

148 → **ILLUSTRATED CONTENTS**

149 → **ILLUSTRATED CONTENTS**

150 → **ILLUSTRATED CONTENTS**

151 → **ILLUSTRATED CONTENTS**

152 → **ILLUSTRATED CONTENTS**

153 → **ILLUSTRATED CONTENTS**

154 → **ILLUSTRATED CONTENTS**

155 → **ILLUSTRATED CONTENTS**

156 → **ILLUSTRATED CONTENTS**

157 → **ILLUSTRATED CONTENTS**

158 → **ILLUSTRATED CONTENTS**

159 → **ILLUSTRATED CONTENTS**

160 → **ILLUSTRATED CONTENTS**

161 → **ILLUSTRATED CONTENTS**

162 → **ILLUSTRATED CONTENTS**

163 → **ILLUSTRATED CONTENTS**

164 → **ILLUSTRATED CONTENTS**

165 → **ILLUSTRATED CONTENTS**

166 → **ILLUSTRATED CONTENTS**

167 → **ILLUSTRATED CONTENTS**

168 → **ILLUSTRATED CONTENTS**

169 → **ILLUSTRATED CONTENTS**

170 → **ILLUSTRATED CONTENTS**

171 → **ILLUSTRATED CONTENTS**

172 → **ILLUSTRATED CONTENTS**

173 → **ILLUSTRATED CONTENTS**

174 → **ILLUSTRATED CONTENTS**

175 → **ILLUSTRATED CONTENTS**

176 → **ILLUSTRATED CONTENTS**

177 → **ILLUSTRATED CONTENTS**

178 → **ILLUSTRATED CONTENTS**

179 → **ILLUSTRATED CONTENTS**

180 → **ILLUSTRATED CONTENTS**

181 → **ILLUSTRATED CONTENTS**

182 → **ILLUSTRATED CONTENTS**

183 → **ILLUSTRATED CONTENTS**

184 → **ILLUSTRATED CONTENTS**

185 → **ILLUSTRATED CONTENTS**

186 → **ILLUSTRATED CONTENTS**

187 → **ILLUSTRATED CONTENTS**

188 → **ILLUSTRATED CONTENTS**

189 → **ILLUSTRATED CONTENTS**

190 → **ILLUSTRATED CONTENTS**

191 → **ILLUSTRATED CONTENTS**

192 → **ILLUSTRATED CONTENTS**

193 → **ILLUSTRATED CONTENTS**

194 → **ILLUSTRATED CONTENTS**

195 → **ILLUSTRATED CONTENTS**

196 → **ILLUSTRATED CONTENTS**

197 → **ILLUSTRATED CONTENTS**

198 → **ILLUSTRATED CONTENTS**

199 → **ILLUSTRATED CONTENTS**

200 → **ILLUSTRATED CONTENTS**

201 → **ILLUSTRATED CONTENTS**

202 → **ILLUSTRATED CONTENTS**

203 → **ILLUSTRATED CONTENTS**

204 → **ILLUSTRATED CONTENTS**

205 → **ILLUSTRATED CONTENTS**

206 → **ILLUSTRATED CONTENTS**

207 → **ILLUSTRATED CONTENTS**

208 → **ILLUSTRATED CONTENTS**

209 → **ILLUSTRATED CONTENTS**

210 → **ILLUSTRATED CONTENTS**

211 → **ILLUSTRATED CONTENTS**

212 → **ILLUSTRATED CONTENTS**

213 → **ILLUSTRATED CONTENTS**

214 → **ILLUSTRATED CONTENTS**

215 → **ILLUSTRATED CONTENTS**

216 → **ILLUSTRATED CONTENTS**

217 → **ILLUSTRATED CONTENTS**

218 → **ILLUSTRATED CONTENTS**

219 → **ILLUSTRATED CONTENTS**

220 → **ILLUSTRATED CONTENTS**

221 → **ILLUSTRATED CONTENTS**

222 → **ILLUSTRATED CONTENTS**

223 → **ILLUSTRATED CONTENTS**

224 → **ILLUSTRATED CONTENTS**

225 → **ILLUSTRATED CONTENTS**

226 → **ILLUSTRATED CONTENTS**

227 → **ILLUSTRATED CONTENTS**

228 → **ILLUSTRATED CONTENTS**

229 → **ILLUSTRATED CONTENTS**

230 → **ILLUSTRATED CONTENTS**

231 → **ILLUSTRATED CONTENTS**

232 → **ILLUSTRATED CONTENTS**

233 → **ILLUSTRATED CONTENTS**

234 → **ILLUSTRATED CONTENTS**

235 → **ILLUSTRATED CONTENTS**

236 → **ILLUSTRATED CONTENTS**

237 → **ILLUSTRATED CONTENTS**

238 → **ILLUSTRATED CONTENTS**

239 → **ILLUSTRATED CONTENTS**

240 → **ILLUSTRATED CONTENTS**

241 → **ILLUSTRATED CONTENTS**

242 → **ILLUSTRATED CONTENTS**

243 → **ILLUSTRATED CONTENTS**

244 → **ILLUSTRATED CONTENTS**

245 → **ILLUSTRATED CONTENTS**

246 → **ILLUSTRATED CONTENTS**

247 → **ILLUSTRATED CONTENTS**

248 → **ILLUSTRATED CONTENTS**

249 → **ILLUSTRATED CONTENTS**

250 → **ILLUSTRATED CONTENTS**

251 → **ILLUSTRATED CONTENTS**

252 → **ILLUSTRATED CONTENTS**

253 → **ILLUSTRATED CONTENTS**

254 → **ILLUSTRATED CONTENTS**

255 → **ILLUSTRATED CONTENTS**

256 → **ILLUSTRATED CONTENTS**

257 → **ILLUSTRATED CONTENTS**

258 → **ILLUSTRATED CONTENTS**

259 → **ILLUSTRATED CONTENTS**

260 → **ILLUSTRATED CONTENTS**

261 → **ILLUSTRATED CONTENTS**

262 → **ILLUSTRATED CONTENTS**

263 → **ILLUSTRATED CONTENTS**

264 → **ILLUSTRATED CONTENTS**

265 → **ILLUSTRATED CONTENTS**

266 → **ILLUSTRATED CONTENTS**

267 → **ILLUSTRATED CONTENTS**

268 → **ILLUSTRATED CONTENTS**

269 → **ILLUSTRATED CONTENTS**

270 → **ILLUSTRATED CONTENTS**

271 → **ILLUSTRATED CONTENTS**

272 → **ILLUSTRATED CONTENTS**

273 → **ILLUSTRATED CONTENTS**

274 → **ILLUSTRATED CONTENTS**

275 → **ILLUSTRATED CONTENTS**

276 → **ILLUSTRATED CONTENTS**

277 → **ILLUSTRATED CONTENTS**

278 → **ILLUSTRATED CONTENTS**

279 → **ILLUSTRATED CONTENTS**

280 → **ILLUSTRATED CONTENTS**

281 → **ILLUSTRATED CONTENTS**

282 → **ILLUSTRATED CONTENTS**

283 → **ILLUSTRATED CONTENTS**

284 → **ILLUSTRATED CONTENTS**

285 → **ILLUSTRATED CONTENTS**

286 → **ILLUSTRATED CONTENTS**

287 → **ILLUSTRATED CONTENTS**

288 → **ILLUSTRATED CONTENTS**

289 → **ILLUSTRATED CONTENTS**

290 → **ILLUSTRATED CONTENTS**

291 → **ILLUSTRATED CONTENTS**

292 → **ILLUSTRATED CONTENTS**

293 → **ILLUSTRATED CONTENTS**

294 → **ILLUSTRATED CONTENTS**

295 → **ILLUSTRATED CONTENTS**

296 → **ILLUSTRATED CONTENTS**

297 → **ILLUSTRATED CONTENTS**

298 → **ILLUSTRATED CONTENTS**

299 → **ILLUSTRATED CONTENTS**

300 → **ILLUSTRATED CONTENTS**

301 → **ILLUSTRATED CONTENTS**

302 → **ILLUSTRATED CONTENTS**

303 → **ILLUSTRATED CONTENTS**

304 → **ILLUSTRATED CONTENTS**

305 → **ILLUSTRATED CONTENTS**

306 → **ILLUSTRATED CONTENTS**

307 → **ILLUSTRATED CONTENTS**

308 → **ILLUSTRATED CONTENTS**

309 → **ILLUSTRATED CONTENTS**

310 → **ILLUSTRATED CONTENTS**

311 → **ILLUSTRATED CONTENTS**

312 → **ILLUSTRATED CONTENTS**

313 → **ILLUSTRATED CONTENTS**

314 → **ILLUSTRATED CONTENTS**

315 → **ILLUSTRATED CONTENTS**

316 → **ILLUSTRATED CONTENTS**

317 → **ILLUSTRATED CONTENTS**

318 → **ILLUSTRATED CONTENTS**

319 → **ILLUSTRATED CONTENTS**

320 → **ILLUSTRATED CONTENTS**

321 → **ILLUSTRATED CONTENTS**

322 → **ILLUSTRATED CONTENTS**

323 → **ILLUSTRATED CONTENTS**

324 → **ILLUSTRATED CONTENTS**

325 → **ILLUSTRATED CONTENTS**

326 → **ILLUSTRATED CONTENTS**

327 → **ILLUSTRATED CONTENTS**

328 → **ILLUSTRATED CONTENTS**

329 → **ILLUSTRATED CONTENTS**

330 → **ILLUSTRATED CONTENTS**

331 → **ILLUSTRATED CONTENTS**

332 → **ILLUSTRATED CONTENTS**

333 → **ILLUSTRATED CONTENTS**

334 → **ILLUSTRATED CONTENTS**

335 → **ILLUSTRATED CONTENTS**

336 → **ILLUSTRATED CONTENTS**

337 → **ILLUSTRATED CONTENTS**

338 → **ILLUSTRATED CONTENTS**

339 → **ILLUSTRATED CONTENTS**

340 → **ILLUSTRATED CONTENTS**

341 → **ILLUSTRATED CONTENTS**

342 → **ILLUSTRATED CONTENTS**

343 → **ILLUSTRATED CONTENTS**

344 → **ILLUSTRATED CONTENTS**

345 → **ILLUSTRATED CONTENTS**

346 → **ILLUSTRATED CONTENTS**

347 → **ILLUSTRATED CONTENTS**

348 → **ILLUSTRATED CONTENTS**

349 → **ILLUSTRATED CONTENTS**

350 → **ILLUSTRATED CONTENTS**

351 → **ILLUSTRATED CONTENTS**

352 → **ILLU**

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.

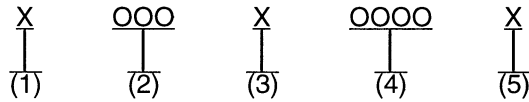
6. Keys are used to show effective serial numbers for two or more similar assemblies, RH and LH assembly parts, etc. Select the appropriate key, "A", "B", "C" or "D" and the corresponding quantity column to find the required parts.
7. Indented descriptions under "Name of Part" are used to indicate assemblies 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.

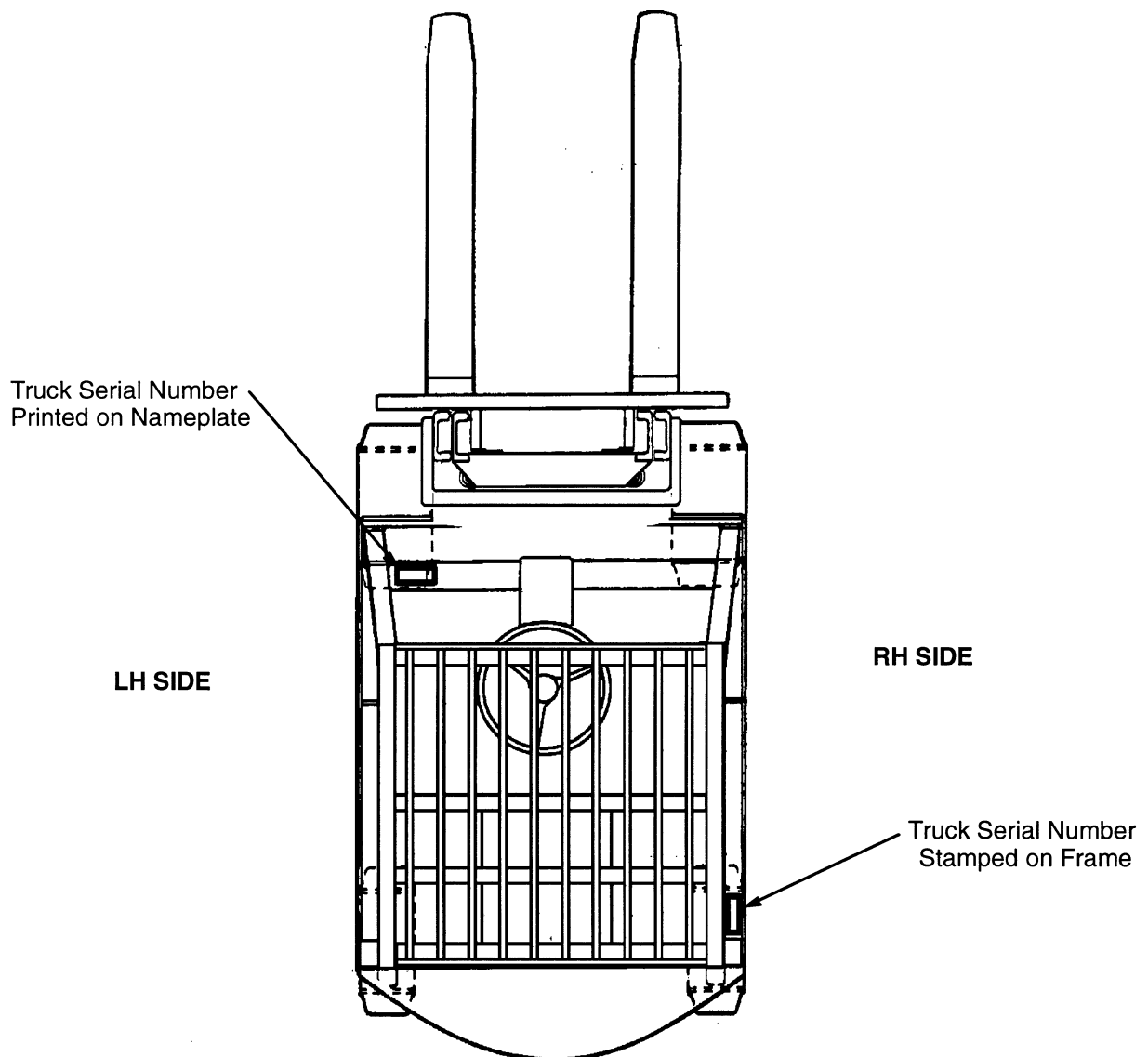
For any further information on parts, service, or ordering, consult your local dealer for Hyster lift trucks.

IDENTIFICATION OF TRUCK SERIAL NUMBERS



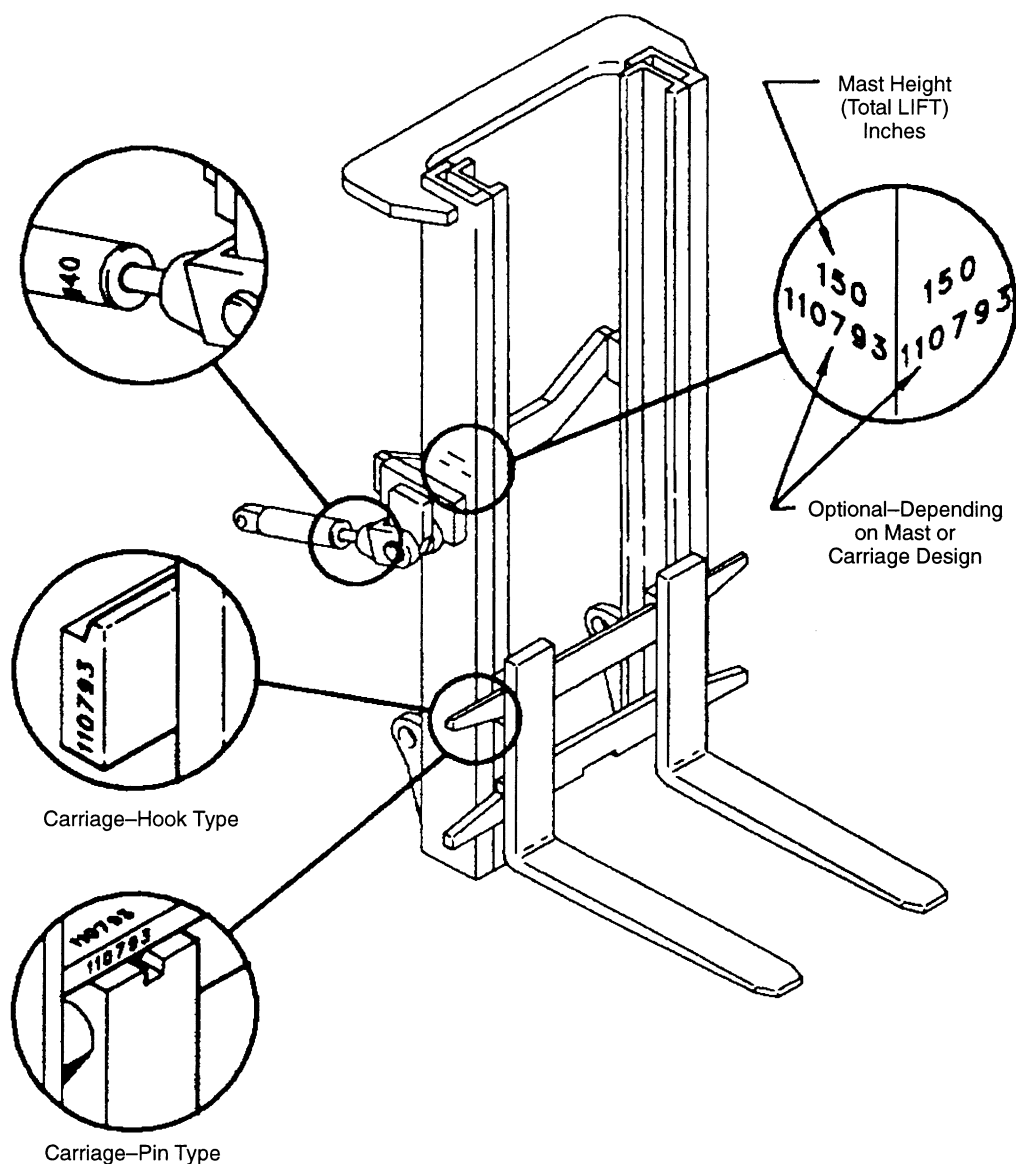
- (1) & (2) The first letter and three numbers indicate the truck model code.
- (3) The second letter indicates the plant of manufacture.
- (4) The four or five digit number series indicates the serial number of the truck.
- (5) The final letter indicates the year of manufacture starting with "A" in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



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 load arm. 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. Load arm part number, capacity rating, plant code letter and date of manufacture are stamped approximately six inches below the top RH side of load arms. Always refer to these group and part numbers when ordering service parts.

RECOMMENDED SPARE PARTS LIST (Figure 1)

Part Number	Description	Figure	Ref No.
TRACTION MOTOR			
364591	Brush	15	19
371967	Brush	17	18
374531	Brush	15	19
374531	Brush	16	18
384687	Brush	17	18
STEERING MOTOR			
286081	Brush	24	9
1309377	Brush	25	7
1309377	Brush	26	7
HYDRAULIC MOTOR			
360809	Brush (Economy)	73	3
1308831	Brush (Economy)	74	15
366090	Brush (Premium)	75	5
373448	Brush (Premium)	76	3
HYDRAULIC			
325980	Filter	77	10
STEERING COLUMN			
186304	Key	18	14
CONTROL PANEL			
325810	Fuse (500 Amp)	44	23
325809	Fuse (325 Amp)	44	14
355368	Fuse (40 Amp)	44	26
CONTACTOR PANEL			
314878	Fuse (15 Amp)	65	7
1335606	Fuse (3 Amp)	66	8
DIRECTIONAL CONTACTOR			
388245	Connector	59	4
388248	Connector	59	5
388237	Connector	59	8
388246	Connector	59	10
388247	Connector	59	11
388030	Tip	59	17
CONTACTOR-REGENERATIVE BRAKING			
1300945	Connector	62	4
1300278	Movable Tip	62	11
CONTACTOR-1A			
388236	Connector	62	4
388239	Movable Tip	62	11
CONTACTOR-PUMP			
388236	Connector	64	4
388239	Movable Tip	64	11

**PUBLICATIONS
(Figure 2)**

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	Part Number
English (Hyster Europe)	897318
English (Hyster U.S.)	897320
Spanish	853578
French	853575
German	853577
Dutch	853580
Danish	853581
Italian	853582
Portuguese	853583

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
The Steering Control Unit (1600 SRM 257)	910458
The Steering Axle (1600 SRM 316)	897097
The Brake System (1800 SRM 315)	897073
The 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
EV-100 Motor Controller	
Repairs And Adjustments (2200 SRM 288)	897070
EV-100 Motor Controller	
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
The Industrial Battery (2240 SRM 1)	899648
Battery Indicators (2260 SRM 138)	910114
Vista Masts-Description (4000 SRM 222)	899237
Vista Masts-Repair (4000 SRM 223)	910435
Lift Cylinders (4000 SRM 135)	910119
Periodic Maintenance (8000 SRM 291)	897001
Capacities And Specifications (8000 SRM 561)	897641