

# **PARTS MANUAL**

**ELECTRIC  
N30XMH**

**LAST USED ON S/N C210-1615**

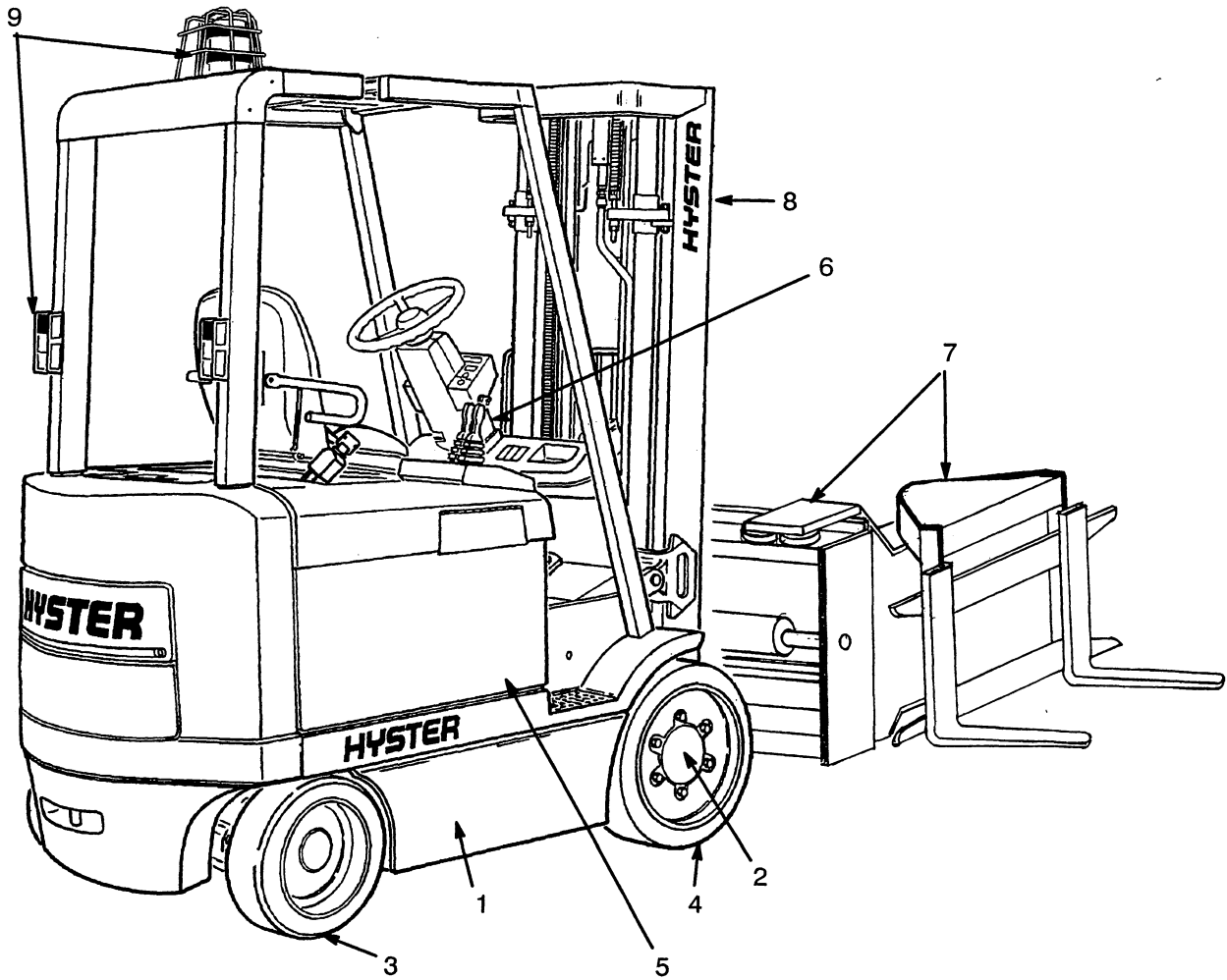
**(C210)**

**CUSTOMER EDITION**

# ***HYSTER***



**ILLUSTRATED CONTENTS**



REF	SECTION	PAGE
1	Frame/Body .....	3
2	Drive Axle/Traction Motor .....	21
3	Steering .....	31
4	Brake/Accelerator .....	51
5	Electrical .....	65
6	Hydraulic .....	97
7	Attachment .....	115
8	Mast - Three Stage (Full Free Lift) .....	133
9	Optional Equipment .....	145
10	Wire Guidance .....	157
	Numerical Index .....	173

**TABLE OF CONTENTS**

<b>DESCRIPTION</b>	<b>PAGE</b>
<b>A</b>	
48 VOLT DC-DC CONVERTER (Figure 104) EARLY PRODUCTION .....	Page 168
ACCELERATOR (Figure 36) .....	Page 63
ACCELERATOR PEDAL (Figure 37) .....	Page 64
<b>B</b>	
BACKUP ALARM (Figure 95) .....	Page 154
BATTERY CONNECTOR ASSEMBLY (Figure 50) .....	Page 86
BRAKE AND BACK-UP LIGHT (Figure 90) .....	Page 148
BRAKE (Figure 32) .....	Page 56
BRAKE PEDAL LINKAGE (Figure 30) .....	Page 52
<b>C</b>	
CHAINS, PINS, AND ANCHORS (Figure 83) .....	Page 136
CONTACTOR (Figure 45) 1A AND PUMP .....	Page 80
CONTACTOR (Figure 44) 1A, REGENERATIVE BRAKING, AND FIELD WEAKING .....	Page 79
CONTACTOR PANEL (Figure 40) SCR HYDRAULIC .....	Page 72
CONTROL PANEL (Figure 39) SCR HYDRAULIC .....	Page 70
CONTROL VALVE (Figure 71) FOUR FUNCTION .....	Page 112
COUNTERWEIGHT (Figure 8) .....	Page 12
COVERS (Figure 5) .....	Page 8

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>C Continued</b>	
COWL ELECTRICAL (Figure 47) .....	Page 82
CYLINDER INSTALLATION (Figure 84) MAIN LIFT AND FREE LIFT .....	Page 138
<b>D</b>	
DC-DC CONVERTOR (Figure 94) 36/48 TO 12 VOLT .....	Page 153
DIRECTION CONTACTOR (Figure 43) .....	Page 78
DOME LIGHT (Figure 93) .....	Page 152
DRIVE AND REAR LIGHTS (Figure 91) .....	Page 150
DRIVE AXLE (Figure 12) .....	Page 22
DRIVE MOTOR MOUNT (Figure 61) .....	Page 100
<b>E</b>	
ELECTRIC BRAKE (Figure 100) EARLY PRODUCTION .....	Page 161
ELECTRIC BRAKE (Figure 101) LATE PRODUCTION .....	Page 162
ELECTRICAL (Figure 38) SCR HYDRAULIC .....	Page 68
ELECTRICAL GUIDANCE (Figure 103) .....	Page 166
<b>F</b>	
FORK (Figure 80) HOOK TYPE (WITHOUT SIDESHIFT) .....	Page 130
FORK (Figure 81) PIN TYPE (WITH SIDESHIFT OR FORK TILT) .....	Page 131
FRAME (Figure 4) .....	Page 6
FREE LIFT CYLINDER (Figure 86) .....	Page 142

## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>G</b>	
GUIDANCE- ECM (Figure 106) .....	Page 170
GUIDANCE HYDRAULICS (Figure 98) .....	Page 158
GUIDANCE SWITCH AND SIGNAL (Figure 107) .....	Page 171
GUIDE ROLLERS (Figure 97) .....	Page 156
<b>H</b>	
HANDLEVER (Figure 70) .....	Page 110
HEADER HOSES (Figure 78) .....	Page 126
HOOD (Figure 9) .....	Page 14
HOSE REEL (Figure 79) .....	Page 128
HYDRAULIC (Figure 60) .....	Page 98
HYDRAULIC MOTOR (Figure 66) STANDARD TRUCK IDENTIFY BY PART NUMBER .....	Page 105
HYDRAULIC MOTOR (Figure 67) PREMIUM TRUCK LAST USED ON S/N C210V-1521 IDENTIFY BY PART NUMBER .....	Page 106
HYDRAULIC MOTOR (Figure 68) PREMIUM TRUCK FIRST USED ON S/N C210V-1522 IDENTIFY BY PART NUMBER .....	Page 107
HYDRAULIC PUMP (Figure 62) 12cc CID PUMP IDENTIFY BY PART NUMBER .....	Page 101
HYDRAULIC PUMP (Figure 63) 12cc SINGLE GEAR PUMP IDENTIFY BY PART NUMBER FIRST USED ON DATE BREAK 4/98 .....	Page 102

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>H Continued</b>	
HYDRAULIC PUMP (Figure 64) 19cc CID PUMP IDENTIFY BY PART NUMBER .....	Page 103
HYDRAULIC PUMP (Figure 65) 19cc DOUBLE GEAR PUMP IDENTIFY BY PART NUMBER FIRST USED ON DATE BREAK 4/98 .....	Page 104
HYDRAULIC TANK (Figure 72) .....	Page 114
<b>I</b>	
INSTRUMENT CLUSTER (Figure 49) ECONOMY TRUCK .....	Page 84
<b>L</b>	
LABELS AND PAINT (Figure 3) .....	Page 4
LIFT HYDRAULICS (Figure 85) .....	Page 140
LIGHT HARNESS (Figure 96) .....	Page 155
LOAD END SENSOR (Figure 105) .....	Page 169
<b>M</b>	
MAIN LIFT CYLINDER (Figure 87) .....	Page 143
MAST - OUTER, INTERMEDIATE, AND INNER (Figure 82) .....	Page 134
MAST - THREE STAGE .....	Page 133
MAST MOUNTING (Figure 88) .....	Page 144
MASTER CYLINDER (Figure 31) .....	Page 54
<b>N</b>	
NON-SUSPENSION SEAT (Figure 10) .....	Page 16

**TABLE OF CONTENTS**

<b>DESCRIPTION</b>	<b>PAGE</b>
<b>O</b>	
OVERHEAD GUARD (Figure 7) FIRST USED ON S/N C210V-1524 .....	Page 11
OVERHEAD GUARD (Figure 6) LAST USED ON S/N C210V-1523 .....	Page 10
<b>P</b>	
PARK BRAKE (Figure 33) LEVER ACTUATED .....	Page 58
PARK BRAKE (Figure 35) SEAT ACTUATED .....	Page 62
PARK BRAKE LINKAGE (Figure 34) SEAT ACTUATED .....	Page 60
PUBLICATIONS (Figure 1) .....	Page 1
PUMP PANEL (Figure 42) .....	Page 76
<b>R</b>	
RECOMMENDED SPARE PARTS LIST (Figure 2) .....	Page 2
<b>S</b>	
SHIFT LEVER (Figure 48) .....	Page 83
SIDE SHIFT CYLINDER (Figure 77) .....	Page 124
STEERING AXLE (Figure 29) .....	Page 48
STEERING AXLE GUIDANCE (Figure 102) .....	Page 164
STEERING CONTACTOR (Figure 46) .....	Page 81
STEERING CONTROL UNIT (Figure 18) IDENTIFY BY PART NUMBER FIRST USED ON S/N C210V-1564 .....	Page 35



**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>S Continued</b>	
STEERING CONTROL UNIT (Figure 99) .....	Page 160
STEERING CONTROL UNIT (Figure 17) IDENTIFY BY PART NUMBER LAST USED ON S/N C210V-1563 .....	Page 34
STEERING CYLINDER (Figure 23) .....	Page 41
STEERING HYDRAULIC (Figure 19) .....	Page 36
STEERING MOTOR (Figure 25) WITH BRUSH WEAR INDICATOR USED ON S/N C210V-1569, INCLUDING 1566,1568 THRU S/N C210V-1594 .....	Page 43
STEERING MOTOR (Figure 26) WITH BRUSH WEAR INDICATOR FIRST USED ON S/N C210V-1595 .....	Page 44
STEERING MOTOR (Figure 27) WITHOUT BRUSH WEAR INDICATOR USED ON S/N C210V-1569, INCLUDING 1566,1568 THRU S/N C210V-1598 .....	Page 45
STEERING MOTOR (Figure 28) WITHOUT BRUSH WEAR INDICATOR FIRST USED ON S/N C210V-1599 .....	Page 46
STEERING MOTOR (Figure 24) LAST USED ON S/N C210V-1568, EXCEPT 1566,1568 .....	Page 42
STEERING POD (Figure 16) .....	Page 32
STEERING PUMP (Figure 20) LAST USED ON DATE BREAK 12/97 .....	Page 38
STEERING PUMP (Figure 21) USED ON S/N C210V-1550 THRU S/N C210V-1563 .....	Page 39
STEERING PUMP (Figure 22) FIRST USED ON S/N C210V-1564 .....	Page 40
STROBE LIGHT (Figure 92) .....	Page 151
SUSPENSION SEAT (Figure 11) .....	Page 18

## TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>T</b>	
TIRE AND WHEEL (Figure 89) .....	Page 146
TRACTION MOTOR (Figure 14) ECONOMY TRUCK .....	Page 26
TRACTION MOTOR (Figure 15) PREMIUM TRUCK .....	Page 28
TRACTION PANEL (Figure 41) .....	Page 74
TRANSMISSION (Figure 13) .....	Page 24
TRAVERSE BOOM (Figure 73) .....	Page 116
TRAVERSE CYLINDER (Figure 76) .....	Page 122
TRAVERSE FRAME WITH SIDE SHIFT (Figure 74) .....	Page 118
TRAVERSE FRAME WITHOUT SIDESHIFT (Figure 75) .....	Page 120
<b>V</b>	
VALVE ATTACHING PARTS (Figure 69) .....	Page 108
<b>W</b>	
WIRE HARNESS (Figure 56) CHASSIS LIGHT FIRST USED ON S/N C210V-1566, EXCEPT 1567 .....	Page 92
WIRE HARNESS (Figure 51) INSTRUMENT CLUSTER (ENHANCED DISPLAY) .....	Page 87
WIRE HARNESS (Figure 52) INSTRUMENT CLUSTER (STANDARD DISPLAY) .....	Page 88
WIRE HARNESS (Figure 53) INSTRUMENT CLUSTER (ENHANCED DISPLAY) .....	Page 89

---

**TABLE OF CONTENTS**

<u>DESCRIPTION</u>	<u>PAGE</u>
<b>W Continued</b>	
WIRE HARNESS (Figure 54) IGNITION SWITCH .....	Page 90
WIRE HARNESS (Figure 55) CHASSIS LIGHT LAST USED ON S/N C210V-1665, INCLUDING 1567 .....	Page 91
WIRE HARNESS (Figure 57) STEER MOTOR .....	Page 93
WIRE HARNESS (Figure 58) HANDLEVER (SCR HYDRAULICS) .....	Page 94
WIRE HARNESS (Figure 59) MAIN .....	Page 95

**Please Click Here To Download The Complete Manual**  
**Download Other Manuals**  
**If Having Any Questions Feel Free To Contact us**

**[admin@servicemanualbit.com](mailto:admin@servicemanualbit.com)**