

PARTS MANUAL

W40Z (B218)

W45Z (C215)

CUSTOMER EDITION

HYSTER

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PUBLICATIONS

Every new lift truck is provided with an OPERATING MANUAL. This manual has information that the operator must know for inspection and operation of the lift truck.

SERVICE MAINTENANCE MANUALS, which provide service and overhaul procedures, and PARTS MANUALS with complete replacement part identification, are available at a nominal fee from your Hyster dealer to assist users in effectively maintaining Hyster lift trucks in a safe, useful condition. See the list below for information on ordering specific publications for this model lift truck.

PUBLICATION	HYSTER PART NUMBER
Operating Manual	1498314
Service Manual (Complete)	1498697
Parts Manual	1499818

DRIVE UNIT AND BRAKE ASSEMBLY
12/24V

ITEM	PART NO.	DESCRIPTION	QTY
1	a 2046021	Master Drive Unit (12V)	1
1	2046002	Master Drive Unit (24V)	1
2	136681	Capscrew	8
3	292681	Lockwasher	8
4	222709	Pin	2
5	2052113	Casting	1
6	2051304	Plug	1
7	1507279	Capscrew	2
8	296359	Lockwasher	3
9	316835	Nut	1
10	296419	Washer	1
11	2306994	Gear	1
12	2302476	Spacer	1
13	97847	Ball Bearing	1
14	296002	Capscrew	1
15	2048043	Spindle	1
16	2791987	Bushing	2
17	2046003	Brake Assembly	1
17	2049427	Stator	1
17	2049428	Hub	1
18	2310849	Key	1
19	2051303	Key	1
20	a 2049317	Drive Motor (12V)	1
20	2049316	Drive Motor (24V)	1
21	2304321	Drive Axle	1
22	163971	Bearing Cup	2
22	174230	Bearing Cone	2
23	2304950	Drive Gear	1
24	43685	Nut	1
25	2052114	Casting	1
26	43203	Ball Bearing	4
27	2310041	Gear and Pinion Assembly	1
28	2309203	Gear and Pinion Assembly	1
29	39381	O-Ring	1
30	296011	Capscrew	8
31	2047721	Wire Harness	1
31	2044976	Boot	4
32	1507273	Bearing	1
32	1507275	Bearing Cup	1
32	1507274	Bearing Cone	1
33	2307321	Sleeve	1
34	2050733	Nut	1
35	2050732	Lockwasher	1
36	2048081	Seal	1
37	cd 2045107	Drive Tire and Wheel	1
37	be 2033601	Tire & Wheel Assembly	1
37	bc 2033713	Drive Tire and Wheel	1
37	bc 2033714	Drive Tire and Wheel	1
37	bc 2050705	Drive Tire and Wheel	1
37	bc 2045112	Drive Tire and Wheel	1
38	15135	Washer	5

**BATTERY SPACER
C215**

ITEM	PART NO.	DESCRIPTION	QTY
1	2046622	Spacer (25mm).....	2
1	2046623	Spacer (6mm).....	2
2	320156	Washer	4
3	292501	Capscrew.....	4
4	a 2046892	Plate	1
5	292681	Lockwasher.....	2
6	b 136749	Capscrew.....	2
7	239503	Nut	2
8	2046623	Spacer	2
9	296213	Capscrew.....	4
10	c 292508	Capscrew.....	2

FOOTNOTES:

- a** 32mm uses 2 plates.
- b** Used only on 16mm.
- c** Used only on 32mm.

**BATTERY TRAY
B218**

ITEM	PART NO.	DESCRIPTION	QTY
	2050770	Battery Charger Assembly (110V).....	1
	2051324	Battery Charger Assembly (220V).....	1
1	2048103	Battery Tray.....	1
2	296154	Capscrew.....	4
3	292679	Lockwasher.....	4
4	292668	Nut.....	4
5	320155	Washer.....	4
6	2033585	Washer.....	4
7	2033584	Lever.....	2
8	316825	Nut.....	4
9	2033593	Grommet.....	4
10	a 325182	Nut.....	1
11	2048079	Battery Charger (110V).....	1
11	2049616	Battery Charger (220V).....	1
11	1510221	Transformer.....	1
11	1510222	Electronic Board.....	1
11	1510223	Rectifier Bridge.....	1
11	1510224	Fuse.....	1
11	1510225	Fuse Holder.....	1
11	1510226	Relay.....	1
12	2002655	Shock Absorber.....	2
13	136687	Nut.....	2
14	292680	Lockwasher.....	2
15	1300757	Grommet.....	4
16	2049501	Shoulder Bolt.....	4
17	2047068	Knob.....	1
18	2046100	Battery Cover.....	1

FOOTNOTES:**a** Not Illustrated.

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LIFT LINKAGE AND FORKS

LOWER LINK

ITEM	PART NO.	DESCRIPTION	QTY
1	2040833	Fitting.....	2
2	2050088	Spiral Pin	2
3	2028148	Fitting (Lube)	2
4	2046259	Pivot Pin.....	1
5	2050087	Spiral Pin	1
6	2046260	Pivot Pin.....	1

HYDRAULIC POWER UNIT

C215

12V

ITEM	PART NO.	DESCRIPTION	QTY
	2046134	Hydraulic Power Unit	1
1	1506120	Motor	1
2	1474782	Adapter	1
3	1506121	Filler Tank	1
3	1474789	Breather Filter.....	1
3	1506122	Clamp	1
4	1517510	Poppet	1
4	1500380	Solenoid	1
4	1506123	Valve.....	1
4	1506127	Valve Seal Kit	1
5	1506128	Hydraulic Oil Tank.....	1
5	1506124	Tube.....	1
5	1474797	Strainer.....	1
5	a 1506126	Pump Seal Kit.....	1
6	1516268	Fitting.....	1
7	1517511	Cable	2

FOOTNOTES:

a Not Illustrated.

LIFT CYLINDER ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
	2046539	Lift Cylinder.....	1
1	.....	Rod.....	1
2	.....	Seal.....	1
3	.....	Ring.....	1
4	.....	Seal.....	1
5	.....	Seal.....	1
6	.....	Gland.....	1
7	.....	Seal.....	1
8	a 2048665	Seal Kit.....	1
9	.....	Barrel.....	1
10	.....	Piston.....	1
11	.....	Seal.....	1
12	.....	Nut.....	1
	a 2048666	Bearing.....	2
	a 2048667	Ring.....	4
	2048665	Seal Kit (Includes Items 2, 4, 7, 12).....	1

FOOTNOTES:**a** Not Illustrated

**BATTERY ROLLER
C215**

ITEM	PART NO.	DESCRIPTION	QTY
1	2044393	Battery Tray (12V).....	1
1	2050628	Battery Tray (24V).....	1
2	2303279	Roller Assembly.....	4
3	292528	Capscrew.....	2
4	320161	Washer	2
5	292683	Lockwasher.....	2
6	216877	Nut	2
7	2050672	Retainer Plate (12V)	1
7	2306154	Retainer Plate (24V)	1
8	b 2048341	Spacer Plate	1
9	b 16338	Capscrew.....	2
10	b 15154	Lockwasher.....	2
11	a 2050629	Plate (12V).....	1
11	a 2050630	Plate (24V).....	1

FOOTNOTES:

- a** Not Illustrated.
b Used on 24V.

7	NUMERICAL INDEX
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SECTIONS

1	FRAME/DRIVE UNIT
2	ELECTRICAL SYSTEM
3	STEER HANDLE/BRAKE SYSTEM
4	LIFT LINKAGE AND FORKS
5	HYDRAULIC SYSTEM
6	OPTIONS
7	FIELD CONVERSION KITS
8	NUMERICAL INDEX

This Parts Manual is divided into 8 major sections which are listed above. Quick reference to these sections can be made by placing the right thumb on the tab of the desired section, bending the book back and thumbing the pages to the corresponding tab.

1

FRAME/DRIVE UNIT

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- e** Used in Static Strap Installation
- f** Used on All Optional Tire and Wheel Assemblies
Except 9x4 Rubber
- g** → 7/2005
- h** 7/2005 →

BATTERY TRAY AND CHARGER ASSEMBLY
B218 (→ 10/2002)

ITEM	PART NO.	DESCRIPTION	QTY
	2050770	Battery Charger (110 Volt)	1
	2051324	Battery Charger (220 Volt)	1
1	2048103	Battery Tray	1
2	296154	Capscrew	4
3	292679	Washer	4
4	292668	Nut	4
5	320155	Washer	4
6	2033585	Washer	4
7	2033584	Lever	2
8	316825	Nut	4
9	2033593	Grommet	4
	a 325182	Nut	1
11	2048079	Battery Charger (110 Volt)	1
11	2049616	Battery Charger (220 Volt)	1
	1518721	Fuse	1
	1518722	Transformer (110 Volt)	1
	1522379	Transformer (220 Volt)	1
	1518723	Fan (110 Volt)	1
	1522380	Fan (220 Volt)	1
	1518724	Rectifier Bridge	1
	1518725	Fuse (50A)	1
	1518728	Power Cable	1
	1518729	Strain Relief	1
	1518730	Strain Relief	3
	1510222	Printed Circuit Board	1
12	296153	Capscrew	4
13	2047068	Knob	1
14	2046100	Cover	1
	a 2052621	Power Cord (Battery Charger)	1

FOOTNOTES:**a** Not Illustrated

BATTERY CHARGER ASSEMBLY (B218)
(10/2002 ↔ 5/2005)

ITEM	PART NO.	DESCRIPTION	QTY
	1607815	Kit-Charger Replacement (120 Volt)	1
	1611186	Kit-Charger Replacement (230 Volt)	1
1	1526751	Transformer (120 Volt)	1
1	1563547	Transformer (230 Volt)	1
2	1526753	Rectifier Bridge	1
3	1526748	Printed Circuit Board (120 Volt)	1
3	1526755	Printed Circuit Board (230 Volt)	1
4	1518725	Fuse (50A)	1
5	1550619	Fuse (12A)	1
	1518721	Fuse	1

**CONTROL PANEL WIRING
C215**

ITEM	PART NO.	DESCRIPTION	QTY
1	2003096	Fuse (250 Amp)	1
2	2046532	Controller (12 Volt) (☞ Figure 2-11).....	1
2	2046533	Controller (24 Volt) (☞ Figure 2-9).....	1
3	287817	Capscrew	4
4	2046797	Contacto (24V, 80 Amp)	1
5	2051047	Battery Connector (Yellow) (12 Volt)	1
5	2051048	Battery Connector (Red) (24 Volt)	1
6	2047748	Wire Harness	1
7	2048774	Wire Harness (12 Volt)	1
8	2047578	Wire Harness (Jumper)	1
9	2047723	Wire Harness (Jumper)	1
10	2046822	Wire Harness (Jumper)	1
11	2047722	Wire Harness (Adapter)	1

SECTION 3
STEER HANDLE/BRAKE SYSTEM

DESCRIPTION	PAGE
TILLER HANDLE ARM ASSEMBLY	
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COMPOSITE (9/2005 →)	3-8
METAL (S/N B218N18568G →)	3-14

ITEM	PART NO.	DESCRIPTION	QTY
2	2077177	Bushing	1

FOOTNOTES:

- a 18 in. spread
- b 22 in. spread

- c 27 in. spread
- d Not Illustrated

LOAD WHEEL AND LINK ASSEMBLY
(→ S/N B218N02868Z) (→ S/N C215N01643Z)

ITEM	PART NO.	DESCRIPTION	QTY
	2043251	Load Wheel And Link Assembly	2
1	2046053	Link Assembly	1
2	2045923	Fitting (Grease)	2
3	2081800	Roller Assembly, Pallet	1
4	4609400	Roller (Pallet, Load Wheel)	1
5	2046056	Bushing	2
6	2046055	Ball Bearing	2
7	2046057	Axle	1
8	2046058	Fitting , Grease	1
9	2046059	Pin (Spirol)	1
10	2046264	Pin (Pivot)	1
11	2307475	Roller (Rear Bellcrank)	1
12	2050087	Pin (Spirol)	2
13	2046263	Pivot Pin	1
14	2040833	Grease Fitting	1
15	320169	Washer	2
16	2035534	Washer	2

**HYDRAULIC POWER UNIT
B218**

ITEM	PART NO.	DESCRIPTION	QTY
	2046104	Hydraulic Power Unit Assembly	1
1	1466025	Hydraulic Motor	1
2	1474782	Coupling	1
3	1506138	Hydraulic Sub-Unit w/o Motor	1
4	1474794		
	1506124	Tube (Inlet with Clamps and Strainer)	1
4	1474797	Strainer	1
5	1506130	Filler Tank Assembly	1
6	388712	Breather	1
7	1603822	Tank	1
8	1603823	O-Ring	1
9	1506131	Clamp Assembly	1
10	1466036	Poppet Valve (24V)	1
10	1506132		
	1584237	Valve Assembly (Without Coil)	1
10	1474799	Coil	1
10	1506133	Kit-Seal	1
11	1516268	Fitting	1
	a 1506126	Kit-Seal	1

FOOTNOTES:**a** Not Illustrated

**HYDRAULIC SYSTEM
C215 – 24 VOLT**

ITEM	PART NO.	DESCRIPTION	QTY
1	2046133	Hydraulic Power Unit (24 Volt)	1
2	296226	Capscrew	2
3	320157	Washer	1
4	292681	Lockwasher	1
5	293613	Capscrew	1
6	16987	Fitting	1
7	2070336	Tube	AR
8	2302339	Hose Assy	1
9	2309185	Fitting (Elbow)	1
10	2044152	Adapter	1
11	2048094	Fitting	1
12	2046539	Cylinder Assy	1
13	1516268	Fitting	1
14	1689728	Fitting	1
	a 275496	Conduit	AR

FOOTNOTES:**a** Not Illustrated

FOOTNOTES:

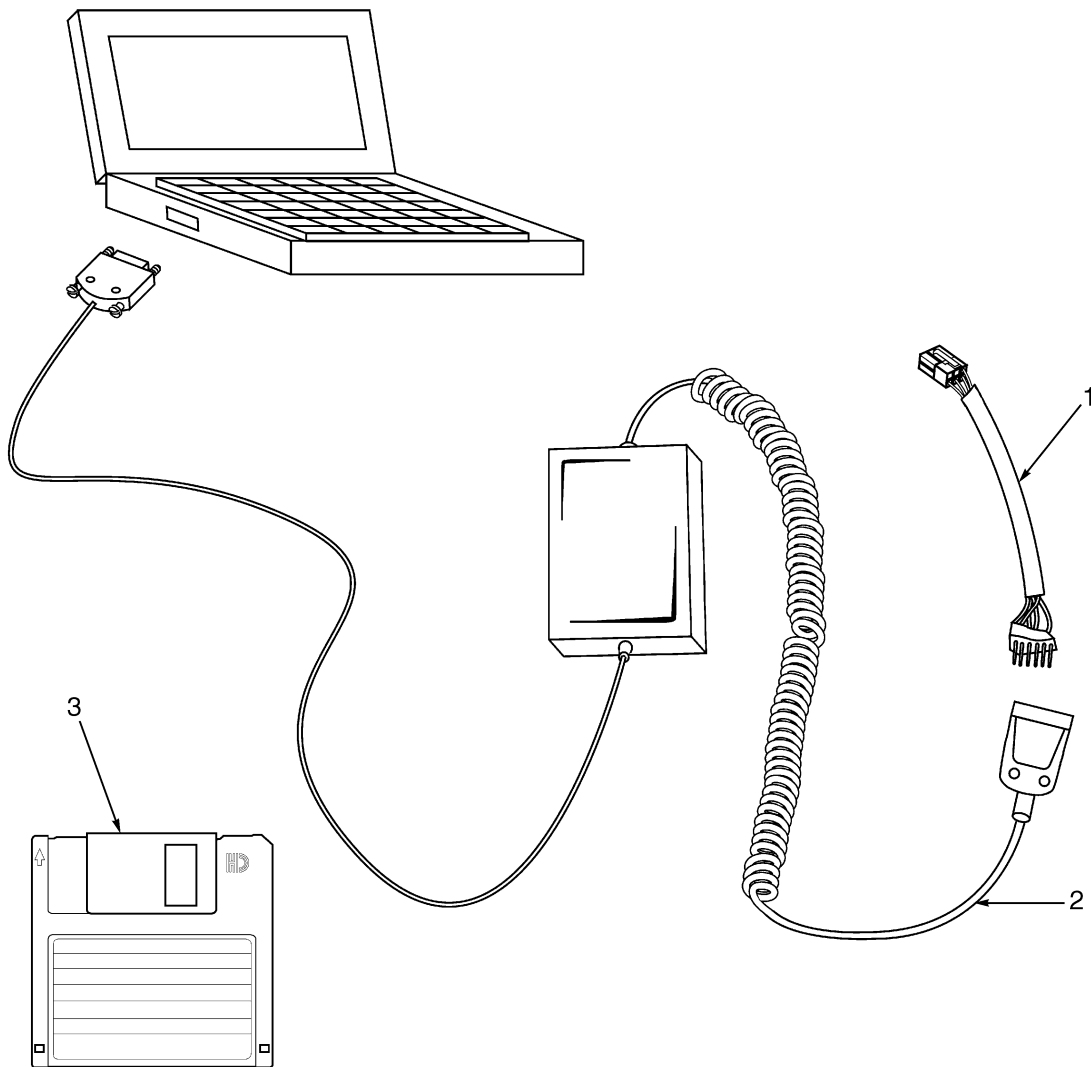
a 18 in. spread
b 22 in. spread

c 27 in. spread
d Not Illustrated

CASTER ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
	2044852	Caster Assembly	2
	2046538	Yoke	1
1	.....	Top Plate	1
2	.....	Fork	1
3	.....	Bearing	1
4	.....	Seal	1
5	.....	Cage	1
6	.....	Bearing	2
7	.....	Nut	1
8	.....	Capscrew	3
9	.....	O-Ring	1
10	.....	Wheel Lower Fork	1
11	.....	Capscrew	1
12	2045976	Locknut	1
13	.....	Spring	2
	2046537	Caster Wheel Assembly	1
14	2046840	Caster Wheel	1
15	2099289	Tube	1
16	2045919	Ball Bearing	2
17	2046768	Axle	1
17	2046842	Bushing	2
18	.....	Capscrew	1
19	2045976	Locknut	1
20	2046306	Plate	4
21	388049		
	292682	Lockwasher	6
22	136692	Nut	6

**ZAPI LAPTOP/PC KIT (FIGURE 6-14)
WINDOWS**



YP000096

ITEM	PART NO.	DESCRIPTION	QTY
	2049640	Kit-Cable For Laptop Pc (ZAPI) (Windows)	1
1	2047806	Wire Harness (Adaptor)	1
	2799290	Kit-Cable For Laptop Pc (Windows)	1
2	Cable	1
3	Software	1

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