

PARTS MANUAL

ELECTRIC

**R30XMS2
(D174)**

CUSTOMER EDITION

HYSTER

SECTIONS

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3	DRIVE UNIT
4	STEERING SYSTEM
5	HYDRAULIC SYSTEM
6	MAST-TWO STAGE LIMITED FREE-LIFT
7	MAST-THREE STAGE FULL FREE-LIFT
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This Parts Manual is divided into 9 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.

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ABBREVIATIONS QUICK REFERENCE SHEET

Listed below are abbreviations used in parts manuals to denote the following expressions:

TERM	DEFINITION	TERM	DEFINITION
Amp	Amperes	FRE	Freezer Environment
AR	As Required	in.	inches
BDI	Battery Discharge Indicators	LPG	Liquefied Petroleum Gas
BWI	Brush Wear Indicator	MAP	Manifold Absolute Pressure
CE	Communicator End	mm	millimeters
CRE	Corrosive Environment	MSTS	Microprocessor Spark Timing System
D/B	Date Break	NPT	National Pipe Threads
dbA	Decibel "A" Scale	O/S	Oversize
DE	Drive End	PTO	Power Take Off
ECH	Empty Container Handler	RPM	Revolutions per Minute
ECH-3	Empty Container Handler - 3 High Stacking	S/N	Serial Number
ECH-4	Empty Container Handler - 4 High Stacking	TMM	Truck Management Module
ECH-5	Empty Container Handler - 5 High Stacking	UL Type D	Diesel-Powered Safety Rating
ECH-6	Empty Container Handler - 6 High Stacking	UL Type DS	Diesel-Powered Safety Rating
ECH-7	Empty Container Handler - 7 High Stacking	UL Type E	Battery-Powered Safety Rating
ECM	Electronic Control Module	UL Type EE	Battery-Powered Safety Rating
ECN	Engineering Change Notice	UL Type ES	Battery-Powered Safety Rating
EEPROM	Electrically Erasable Programmable Read Only Memory	UL Type G	Gasoline-Powered Safety Rating
EPROM	Electrically Programmable Read Only Memory	UL Type GS	Gasoline-Powered Safety Rating
		UL Type LP	Gas-Powered Safety Rating
		UL Type LPS	LP Gas-Powered Safety Rating
		U/S	Undersize
		UL	Underwriters Laboratory
		V	Volts

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 and footnotes. The callouts correspond to descriptions found on the the next page.

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- 7 MAST-TWO STAG
- 8 MAST-THREE ST
- 9 MAST-TWO ST
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TRANSMISSION HOUSING ⇒ S/N D001H-2628

KEY:
A: Diesel
B: Gasoline and LPG

ITEM	PART NO.	DESCRIPTION	QTY
			A B
		Transmission	1 -
		Transmission	1 1
		Case	2 2
		Case	4 4
1	2021670	Bearing Cap	1 1
2	2023418	Washer	2 2
3	296426	Bolt	4 4
4	293582	Cover	2 2
5	2021390	Cotter Pin	1 1
6	1371656	O-Ring	4 4
7	2021329	Plug	4 4
8	2021915	Housing	22 22
9	2021675	Pin	39 39
10	2021336	Bolt	1 1
11	287860	Lockwasher	1 1
12	292582	Hydraulic Pump	8 8
13		see Figure 5-3	8 8
14	2021345	Gasket	1 1
15	214364	Bolt	1 1
16	296418	Washer	1 1
17	2021388	Temperature Switch	1 1
18	2021389	Breather	9 9
19	2021383	Dipstick	9 9
20	292515	Bolt	2 2
21	136892	Nut	3 3
22	292527	Bolt	2 2
23	292531	Capscrew	4 4
24	292883	Lockwasher	4 4
25	293937	Bolt	1 1
26	296420	Washer	1 1
	996403	Transmission Kit (Includes Item 7)	1 1
	996405	Transmission Kit (Includes Item 14)	1 1

This Parts Manual is divided into 11 major sections which are listed above. Quick reference can be made by placing the right thumb on the tab of the desired section, bending the pages to the corresponding tab.

See Service Manual for service procedures.

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