

PARTS MANUAL

**H40-50-60-70FT
(P177)**

CUSTOMER EDITION

HYSTER

SECTIONS

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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 |
| EPA | US Environmental Protection Agency | UL Type GS | Gasoline-Powered Safety Rating |
| EPROM | Electrically Programmable Read Only Memory | 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 next page.

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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 | 1 |
| | 2022547 | Transmission | 1 | 1 |
| | 2023329 | Case | 2 | 2 |
| 1 | 2021670 | Bearing Cap | 4 | 4 |
| 2 | 2023418 | Washer | 1 | 1 |
| 3 | 296429 | Bolt | 2 | 2 |
| 4 | 293947 | Cover | 2 | 2 |
| 5 | 2021390 | Colter Pin | 4 | 4 |
| 6 | 1371656 | O-Ring | 1 | 1 |
| 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 | 292682 | Hydraulic Pump | 1 | 1 |
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| 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 | 136692 | Nut | 3 | 3 |
| 22 | 292527 | Bolt | 3 | 2 |
| 23 | 292531 | Capscrew | 4 | 4 |
| 24 | 292583 | Lockwasher | 4 | 4 |
| 25 | 293637 | 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 be made by placing the right thumb on the tab of the desired section, bending the pages to the corresponding tab.

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