HYSTER

PARTS MANUAL

CHALLENGER
H300–360XL
H330XL–EC
H360XL–EC

H13.00–16.00XL
H10.00XL–12EC
H12.00XL–12EC

(C19)

CUSTOMER EDITION

852453
11/92

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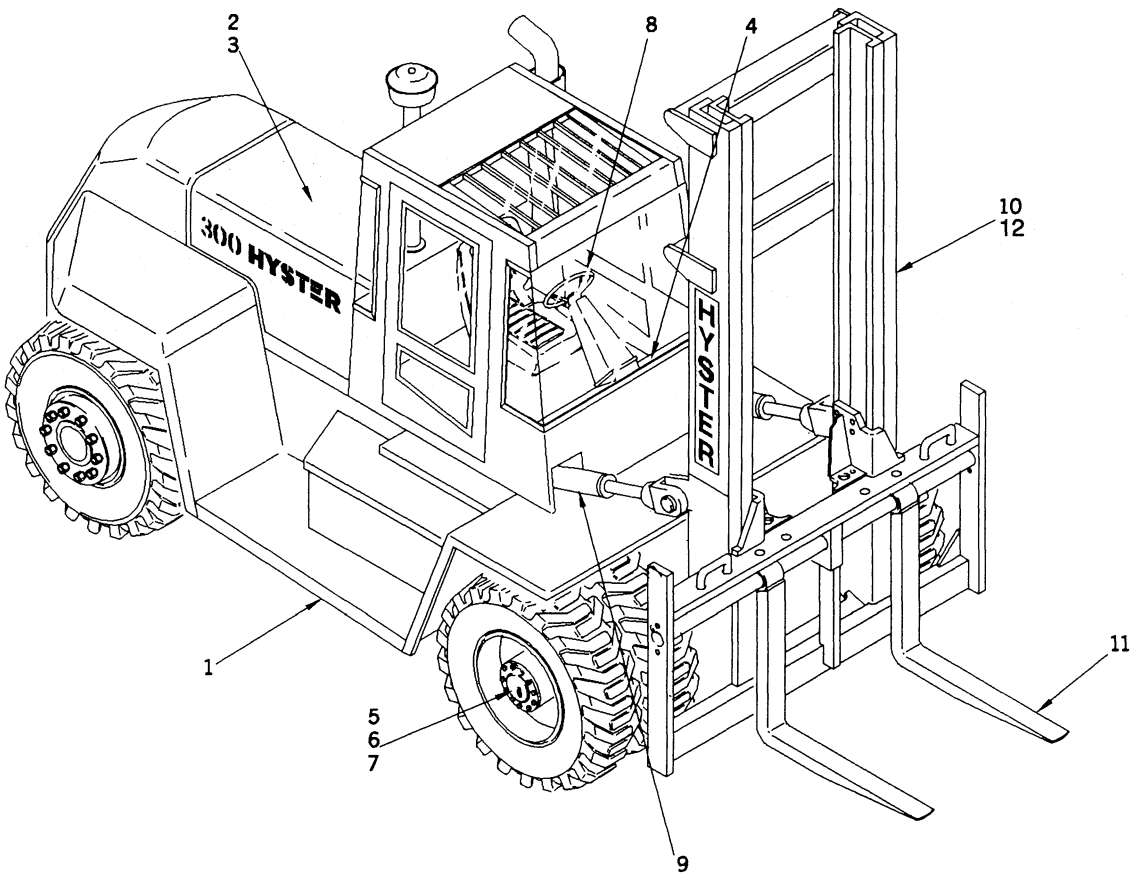
ILLUSTRATED CONTENTS



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Thanks very much for your reading,

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Have any questions please write to me:
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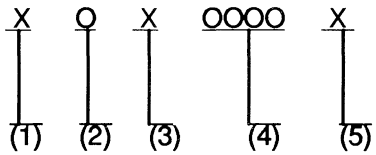
IDENTIFICATION–UNIT
UNIT S/N



(1) & (2) The first letter and number denote the design series and model of the unit

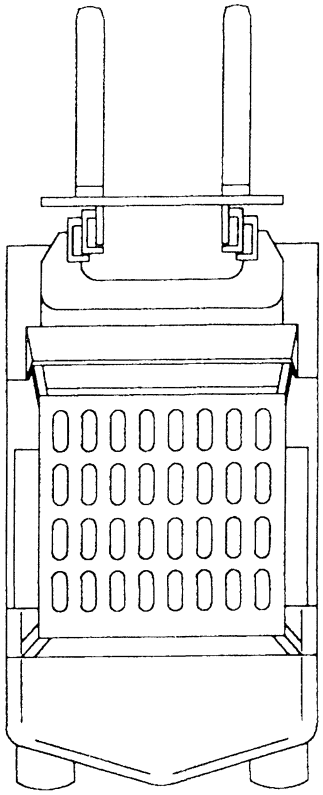
(3) The second letter denotes the Plant at which the unit was manufactured

(4) The number series denotes the serial number of the unit

(5) The final letter denotes the year of manufacture starting with "A" in 1957 and 1980 The letters "I", "O", and "Q" will not be used

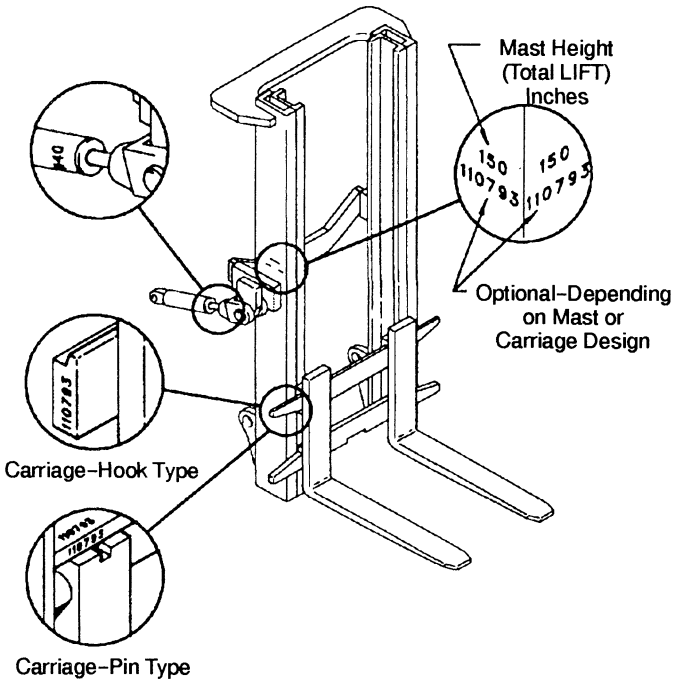
For pending serial numbers contact your local Hyster Dealer

Parts referred to in this book as right or left hand parts are in accordance with the illustration below



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. Fork 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.



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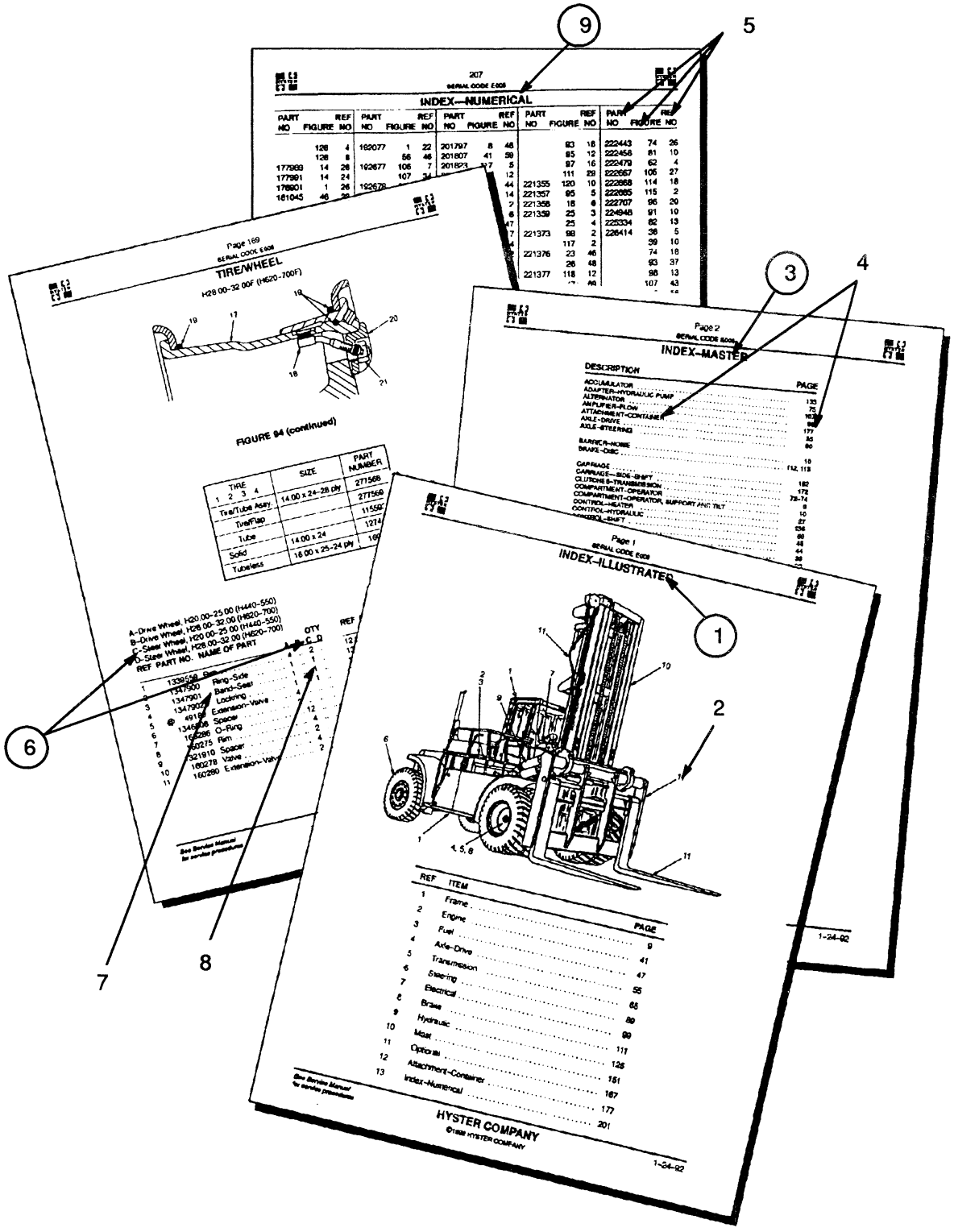
HOW TO USE THE ILLUSTRATED PARTS MANUAL

This Parts Manual describes and illustrates assemblies, subassemblies and detail parts needed for service replacement.

It also includes all parts peculiar to trucks built in overseas plants. These parts are indicated by keys, symbols and footnotes.



WHEN THE PART NUMBER AND THE NEXT HIGHER ASSEMBLY IS NOT KNOWN:

1. USE: Determine the function and application of the part required. Turn to the Illustrated Index page immediately behind the front cover, and select the most appropriate area.

2. Use the Division Index to determine the assembly which would normally contain the part required. Proceed then to 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 page immediately following the Illustrated Index.

4. Locate the assembly the required part is used on and turn to the page indicated for that assembly. Proceed then to locate the part on the assembly breakdown page.

WHEN THE PART NUMBER IS KNOWN;

5. Use the Numerical Index 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 similiar 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 subparts of assemblies. A major assembly is not indented. Parts under the first, second, or third indent are sub-parts of the major assembly shown above them.

8. Quantities shown are for one assembly. Note that two assemblies are shown, but the quantities of the subparts are indicated as three and three. This means three per 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.

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.

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Figure 1. PUBLICATIONS

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

English	897342
Danish	857088
Dutch	857086
French	857082
German	857083
Portuguese	857087
Service Manual (complete)	897373
The Frame (100 SRM 436)	897377
Perkins Diesel Engine (600 SRM 412)	897341
The Three-Speed Powershift Transmission - Description and Operation (1300 SRM 437)	897378
Repairs (1300 SRM 438)	897379
The Differential (1400 SRM 46)	910072
The Planetary Gear Axle (1400 SRM 439)	897380
The Steering Control Unit (1600 SRM 54)	910076
The Steering Axle (1600 SRM 326)	897108
The Brake System (1800 SRM 441)	897382
The Hydraulic System (1900 SRM 443)	897384
The Main Contol Valve (2000 SRM 444)	897385
The Tilt Control Valve (2100 SRM 102)	910101
The Tilt Cylinders (2100 SRM 103)	910102
The Alternator (2200 SRM 2)	899784
The Starter (2200 SRM 106)	910107
Instrument Panel Indicators and Senders (2200 SRM 143)	910110
The Mast (4000 SRM 445)	897386
Empty Container Handling Attachment (4500 SRM 465)	897416
Periodic Maintenance (8000 SRM 433)	897343
Capacities and Specifications (8000 SRM 447)	897388
Diagrams (8000 SRM 448)	897389
Inch (SAE) and Metric Fasteners (8000 SRM 231)	910442
Parts Manual	852453
Operator Training Program	
Operator Training Kit Complete	
Slide Format with Carry Case	599628
1/2" VHS Format with Carry Case	852165
"Safety is an Attitude" (1/2" VHS)	852690
"Safety Rules" Playing Cards	852695
Sold Alone Catalog	852505

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FRAME

Compartment-Operator with Cab 12

Compartment-Operator without Cab 10

Control-Heater 22

Counterweight 29

Fan 30

Heater 18

Hood/Linkage 28

Labels/Paint 26

Plates-Floor/Covers 20

Seat-Semi-Suspension 24

Seat-Suspension 23

Washer-Window 31

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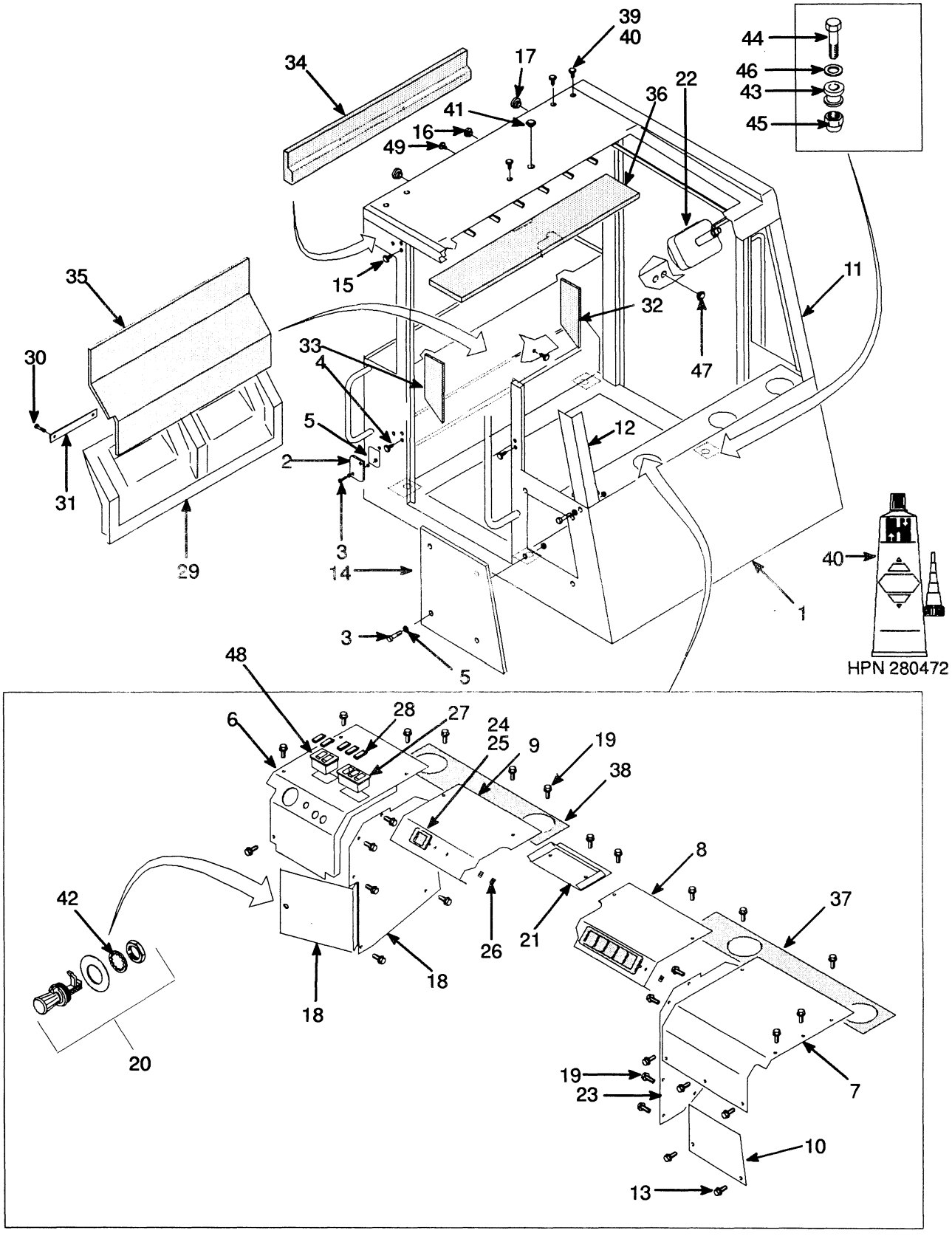
Figure 2. COMPARTMENT-OPERATOR
WITHOUT CAB



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COMPARTMENT–OPERATOR
WITHOUT CAB

A: Last Used on S/N C19E–1721 and C19D–1720
B: First Used on S/N C19E–1722 and C19D–1721

REF	PART NO.	NAME OF PART	QTY A	QTY B
1	376582	Compartment	1	..
1	1346423	Compartment	..	1
2	1301066	Plate	2	2
3	353144	Capscrew	12	12
4	136687	Nut	12	12
5	292680	Lockwasher	12	12
6	1325330	Cover–LH	1	..
6	1325598	Cover–LH	..	1
7	1301113	Cover–RH	1	..
7	1325597	Cover–RH	..	1
8	1301089	Plate	1	..
9	%1301110	Plate	1	..
9	%1325599	Plate	..	1
9	*1323881	Plate	1	..
9	*1325616	Plate	..	1
10	1301192	Plate	1	..
10	1325600	Plate	..	1
11	1301196	Angle–LH	1	1
12	1301197	Angle–RH	1	..
12	1346452	Angle–RH	..	1
13	1301177	Screw	2	..
13	1346454	Screw	..	2
14	1301195	Plate	1	1
15	1301288	Fastener	16	16
16	1311217	Plug	4	4
17	1307737	Fastener	2	2
18	1311388	Door	1	1
19	1301177	Screw	31	31
20	1311288	Latch	1	1
21	1301189	Plate	1	1
22	1301286	Mirror	2	2
23	1301255	Panel	1	1
24	1301208	Label	1	1
25	1301209	Label	1	1
26	1301414	Nut	4	4
27	376947	Frame	1	1
28	376949	Cover	3	3
29	1342664	Liner	2	2
30	329067	Screw	2	2
31	1301297	Plate	1	1
32	1301263	Liner	1	1
33	1301264	Liner	1	1
34	1301309	Liner	1	..
34	1342664	Liner	..	1
35	1301554	Liner	1	..
35	1325623	Liner	..	1
36	1301265	Liner	1	..
36	1325624	Liner	..	1
37	1301292	Gasket–RH	1	1
38	1301293	Gasket–LH	1	1
39	1307737	Fastener	4	4
40	280472	Sealant	AR	AR
41	1311217	Plug	2	2
42	1311287	Washer	1	1
43	129962	Mount	4	..
43	1325519	Mount	..	4
44	292535	Capscrew	4	4
45	300937	Nut	4	4
46	284521	Washer	4	..
46	1325524	Washer	..	4
47	1311346	Fastener	2	2
48	376948	Frame	2	2
49	1304971	Fastener	..	2

* EC3 and EC4
% Non–EC3 and EC4

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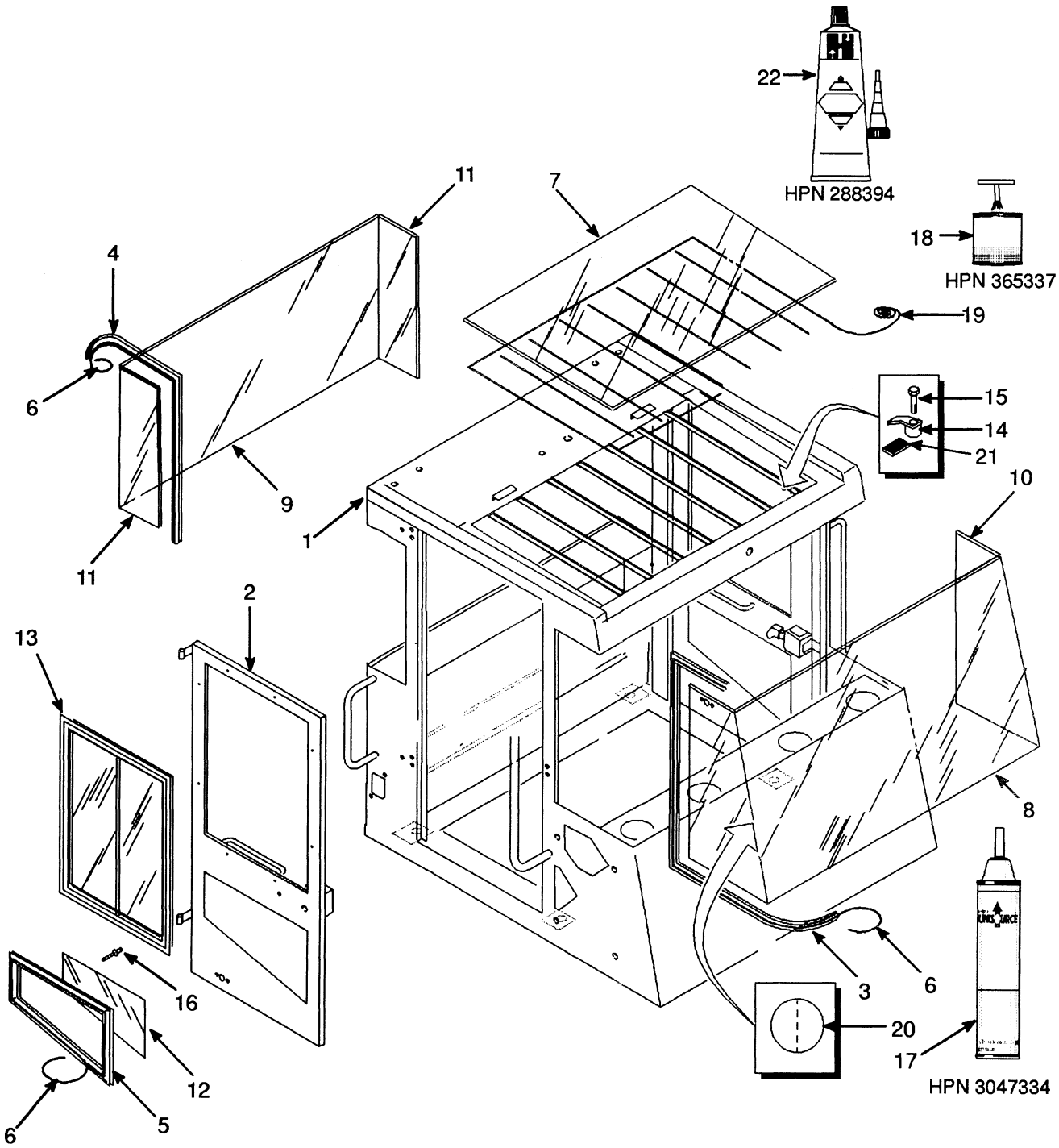
Figure 3. COMPARTMENT-OPERATOR WITH CAB



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COMPARTMENT–OPERATOR
WITH CAB

A: Last Used on S/N C19E–1721 and C19D–1720
B: First Used on S/N C19E–1722 and C19D–1721

REF	PART NO.	NAME OF PART	QTY A	QTY B
1	376582	Compartment	1	..
1	*1325675	Compartment	..	1
1	#1325735	Compartment	..	1
2	1300995	Door–LH	1	1
2	1300996	Door–RH	1	1
3	376063	Seal–Window	1	1
4	376064	Seal–Window	1	1
5	376867	Seal–LH Window	1	1
5	376868	Seal–RH Window	1	1
6	376922	Lock–Strip	ARAR	
7	1301181	Window	1	..
7	1325650	Window	..	1
8	1301371	Glass	1	1
9	1301372	Glass	1	1
10	1301373	Glass	2	2
11	1301374	Glass	2	2
12	1301375	Glass	2	2
13	1311302	Window–RH	1	1
13	1324761	Glass–Stationary	1	1
13	1324762	Glass–Sliding	1	1
13	1324765	Strip	1	1
13	1324084	Latch	1	1
13	1324767	Seal	1	1
13	.....	Adhesive	1	1
13	1311303	Window–LH	1	1
13	1324761	Glass–Stationary	1	1
13	1324762	Glass–Sliding	1	1
13	1324765	Strip	1	1
13	1324084	Latch	1	1
13	1324767	Seal	1	1
13	1324088	Adhesive	1	1
14	1301184	Plate	3	1
15	302244	Screw	3	1
16	265817	Rivet	16	16
17	3047334	Glue–Silicone	ARAR	
18	365337	Primer–Window	ARAR	
19	318352	Strip	ARAR	
20	376840	Spacer	2	2
21	1342660	Pad	..	3
22	288394	Sealant	.ARAR	

* Without Sound Reduction Package
\# With Sound Reduction Package

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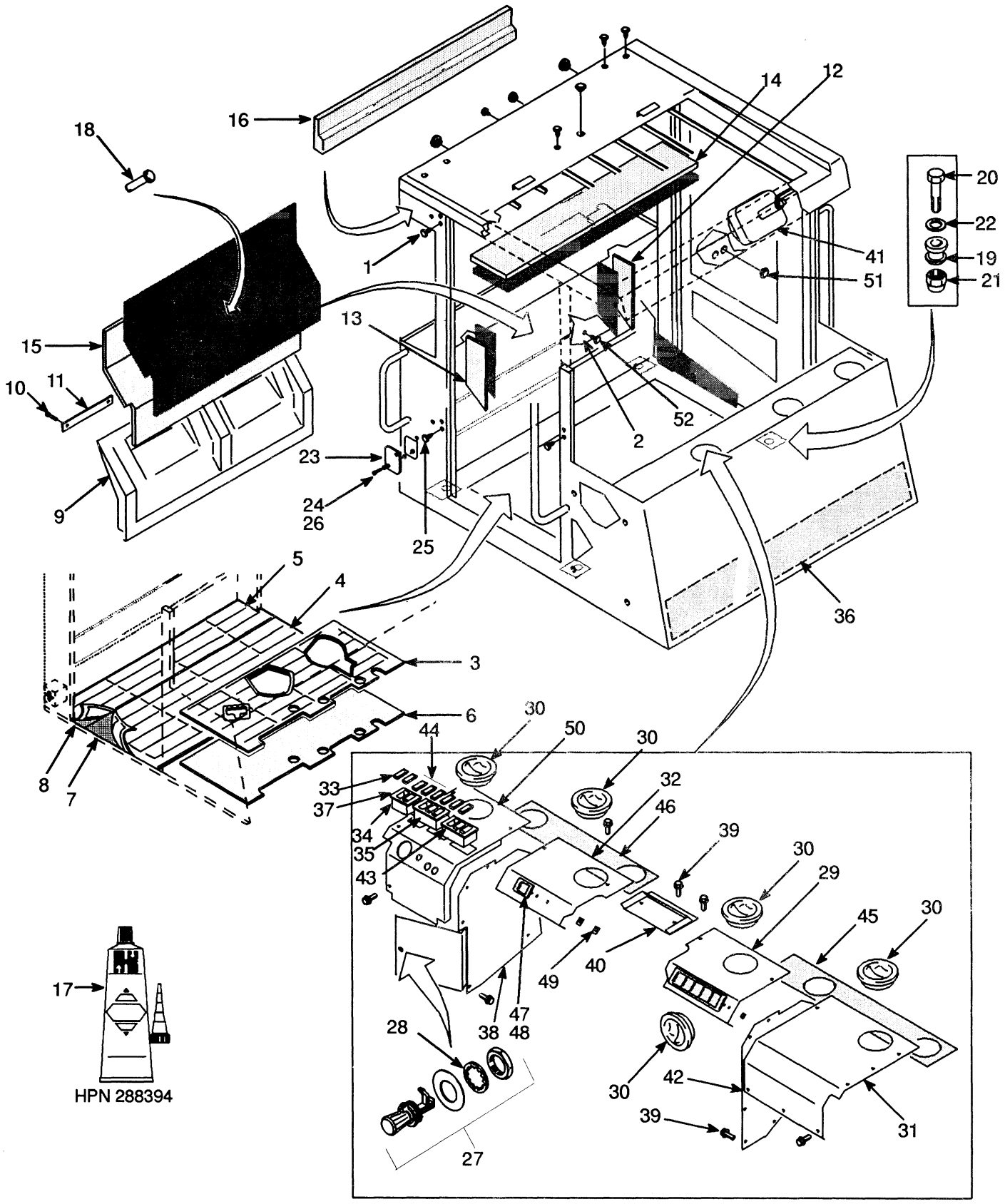
Figure 4. COMPARTMENT-OPERATOR WITH CAB



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