

REED TRAILER MOUNTED CONCRETE PUMP MODEL C50HP ILLUSTRATED PARTS MANUAL CONTAINS THE FOLLOWING GROUPS AND FIGURES:

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- FIGURE 02 HOW TO ORDER PARTS

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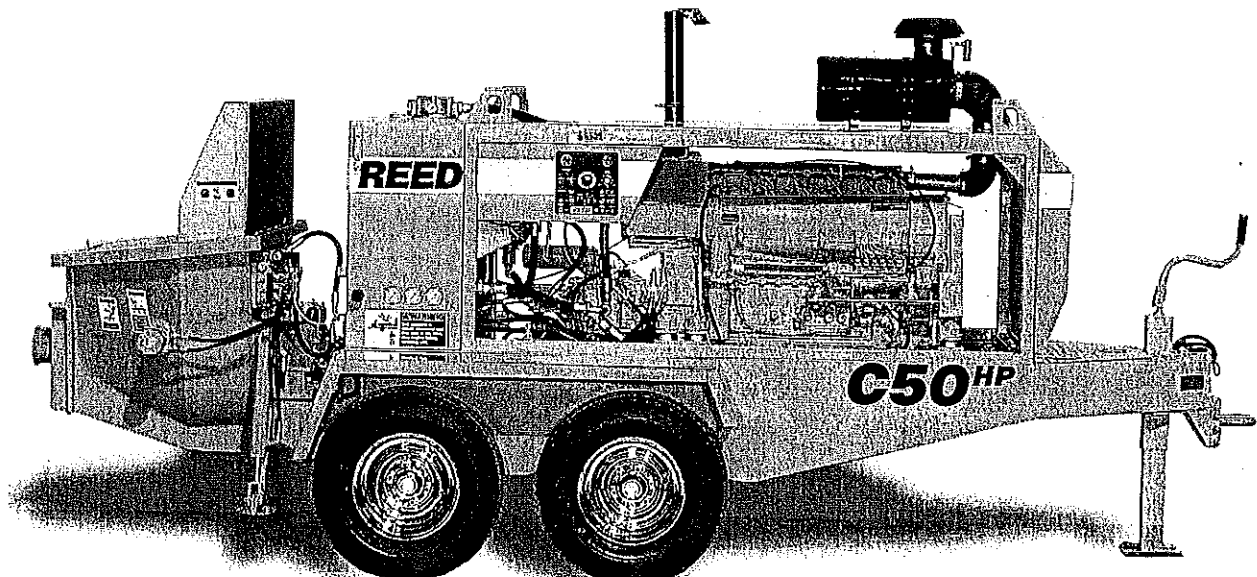
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TRAILER MOUNTED PUMP MODEL C50HP HOW TO USE PARTS MANUAL

C50HP
PARTS
GROUP 00
FIGURE 01
PAGE 01

I. PURPOSE

This parts manual is prepared, issued and/or revised by **REED** Manufacturing, for the exclusive use of its customers and is intended for use in provisioning, requisitioning, storing and issuing replaceable **REED** trailer mounted pump model **C50HP**. The contents are proprietary to **REED** and are subject to change without notice. The use of any part of this document by any other person or persons or for any other purpose without the written consent of **REED** is expressly prohibited. In addition, **REED** expressly disclaims any and all responsibility arising in or any way related to such **REED**'s prior written consent thereto.

The parts number content of this document, arrangement and breakdown sequence of items is compatible with Military Standard (**MS**) and Air Transport Association Specification (**ATA**).

II. GENERAL SYSTEM OF ASSEMBLY ORDER – Detailed Parts List (Refer to Next Page)

1. This area refers to the corresponding illustration

MODEL – GROUP – FIGURE – PAGE

A. **MODEL** shows which is **REED**'s model number.

B. **GROUP** should be divided with:

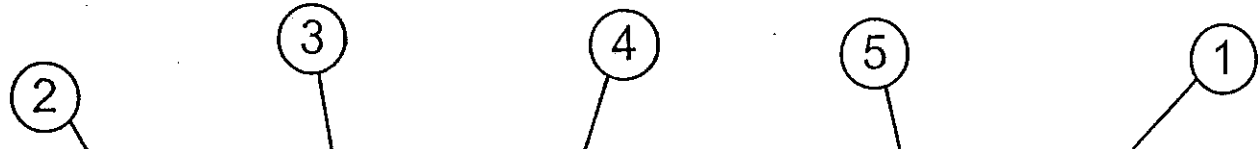
00	MODEL C50HP PARTS MANUAL
10	FINAL INSTALLATION
20	HOPPER INSTALLATION
30	TANK INSTALLATION
40	POWER TRAIN INSTALLATION
50	CONTROL INSTALLATION
60	PUMPING TRAIN INSTALLATION
70	FRAME INSTALLATION
80	OPTIONAL INSTALLATION

C. **FIGURE** belong to the group. Please see page of contents and each group.

D. **PAGE** numbers follow to the right of each figure number.

2. The **ITEM NUMBER** corresponds to the item number shown for the part in illustration. Parts with item number preceded by a dash (such as: -1, -5, -12 etc.) are not illustrated.

3. **PARTS NUMBERS** that carry a **REED** part number.



HYDRAULIC PUMPING ASSEMBLY

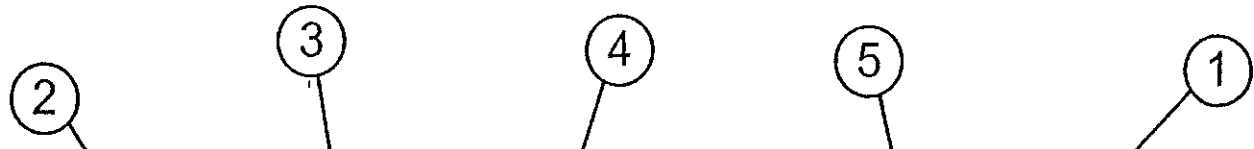
C50HP
PARTS
GROUP 60
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	60-06	Assembly, Hydraulic Pumping (See Group 20, Figure 01 for NHA)					Ref
2	78154	• Cnp, Piston					2
3	78444	• Coupler					2
4	78352	• Coupling, Dog bone					4
5		• Bolt 1/2 x 4 (attaching parts)					8
6		• Nut, 1/2 (attaching parts)					8
7	78443	• Bone, Dog					2
8		• Bolt 5/8 x 2					6
9	78442	• Coupler					2
10	78438	• Assembly, Hydraulic Cylinder (See Group 60, Figure 07 for DET)					1
11		• Nut (attaching parts)					16
12		• Washer (attaching parts)					16
13	77617	• Bolt (attaching parts)					16
14		• Elbow, 90 FS6802-16-16					4
15	79343	• Assembly, Hose					2
16	78593	• Fitting, MiniCheck (Port)					2
17		• Elbow, 90 FS6802-06-06					4
18		• Fitting, STR FS6400-06-06					4
19	79344	• Assembly, Hose					2
20		• Elbow, 90 FS6801-06-06					4
21		• Valve, Check					4
22		• Elbow, 90 MBMB90-06-06					4
23		• Clamp					3
24	79326	• Tube, Wire					1
25	79345	• Assembly, Tube					2
26	78417	• Cable					2
27	72010	• Loom, 1/2 Flex					A/R
28		• Pin, 1/4 x 20					4
29	79285	• Cover, Proximity Switch					2
30	78416	• Switch, Proximity					2
31	79327	• Plate, End					1
32		• Washer, 1 Lock (attaching parts)					8
33		• Bolt, 1 x 2 Coarse (attaching parts)					8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





HYDRAULIC PUMPING ASSEMBLY

C50HP
PARTS
GROUP 80
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	60-06	Assembly, Hydraulic Pumping (See Group 20, Figure 01 for NHA)					Ref
2	78334	• Cup, Piston					2
3	78444	• Coupler					2
4	78352	• Coupling, Dog bone					4
5		• Bolt 1/2 x 4 (attaching parts)					8
6		• Nut, 1/2 (attaching parts)					8
7	78443	• Bone, Dog					2
8		• Bolt 5/8 x 2					6
9	78442	• Coupler					2
10	78438	• Assembly, Hydraulic Cylinder (See Group 60, Figure 07 for DET)					1
11		• Nut (attaching parts)					16
12		• Washer (attaching parts)					16
13	77617	• Bolt (attaching parts)					16
14		• Elbow, 90 FS6802-16-16					4
15	79343	• Assembly, Hose					2
16	78393	• Fitting, MiniCheck (Port)					2
17		• Elbow, 90 FS6802-06-06					4
18		• Fitting, STR FS6-100-06-06					4
19	79344	• Assembly, Hose					2
20		• Elbow, 90 FS6801-06-06					4
21		• Valve, Check					4
22		• Elbow, 90 MBMB90-06-06					4
23		• Clamp					3
24	79326	• Tube, Wire					1
25	79345	• Assembly, Tube					2
26	78417	• Cable					2
27	72010	• Loom, 1/2 Flex					A/R
28		• Pin, 1/4 x 20					4
29	79285	• Cover, Proximity Switch					2
30	78416	• Switch, Proximity					2
31	79327	• Plate, End					1
32		• Washer, 1 Lock (attaching parts)					8
33		• Bolt, 1 x 2 Coarse (attaching parts)					8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



4. DESCRIPTION

A. The **INDENTURE SYSTEM** used in the parts list shows the relationship of one part to another. For a given item, the number of indentures depicts the relationship of the item to the components of the item as follows:

- 1 2 3 4 5
- Assembly (or Installation)
- Detail part of assembly
- Sub-assembly
- Attaching parts for sub-assembly
- ● Detail part of sub-assembly
- ● Sub-sub-assembly
- ● Attaching parts for sub-sub-assembly
- ● ● Detail part of sub-sub-assembly
- ● ● Sub-sub-sub-assembly
- ● ● Attaching parts of sub-sub-sub-assembly
- ● ● ● Detail part of sub-sub-sub-assembly

B. "See Group 20, Figure 01 For **NHA**"

Identifies the illustrated parts chapter location; indicates where the Next Higher Assembly (**NHA**) of the item shown.

C. "See Group 60, Figure 07 For **DET**"

Identifies the illustrated parts chapter location; indicates where the item and its Detailed Breakdown (**DET**) is shown.

D. "See Group 30, Figure 05 for **REF**" or "See Vendor Chapter For **REF**"

Identifies the illustrated parts chapter where the part is, and if listed and illustrated in Vendor Chapter. It is used as a cross-reference (**REF**).

5. QUANTITY

A. Reference (**REF**) indicates the items that is listed previously in the Next Higher Assembly (**NHA**) and then again in this figure.

B. As Required (**A/R**) indicates the parts that is used in a quantity as required.

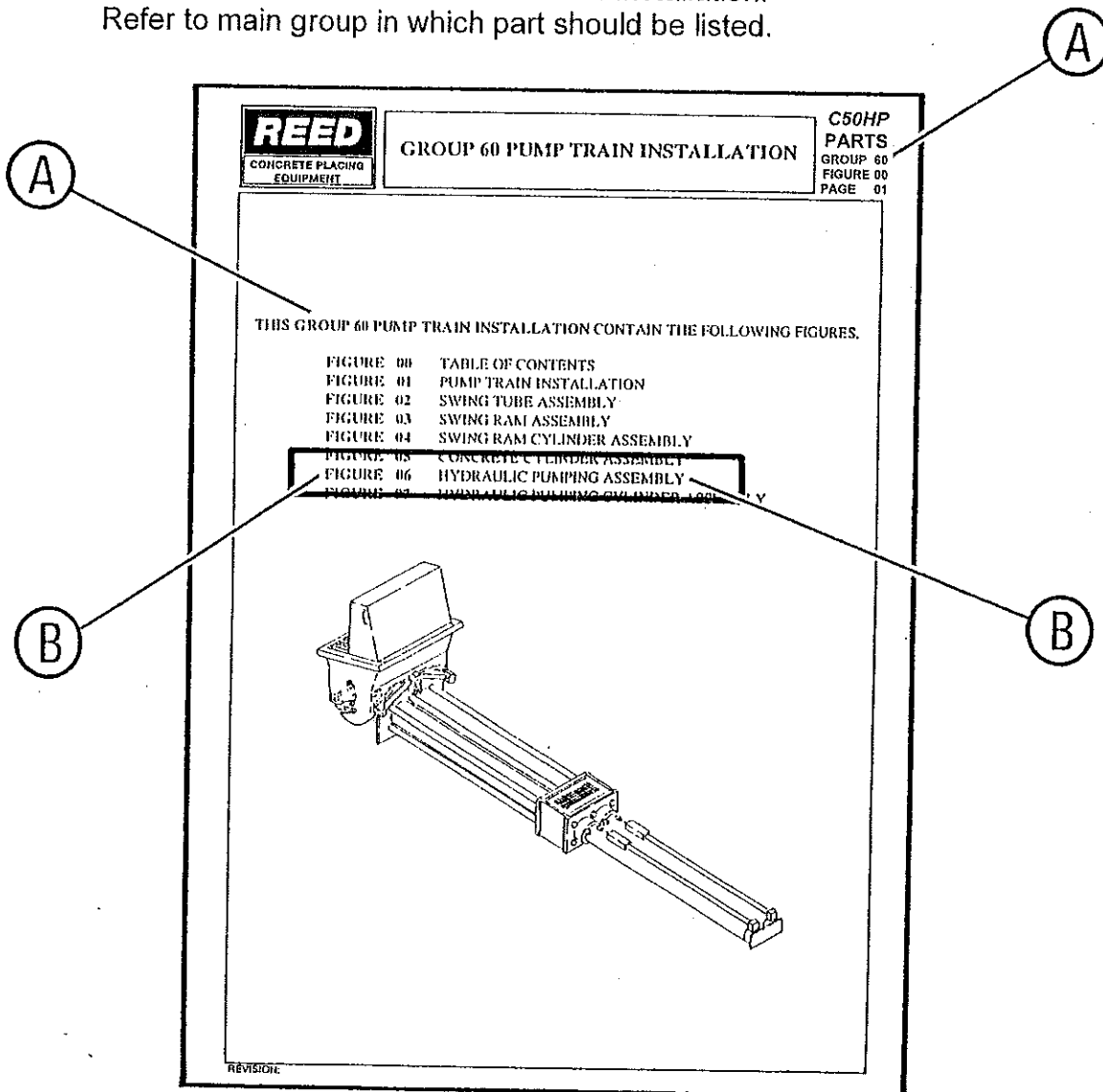
C. A number entry indicates the quantity of the part used in its next higher application.

6. Functionally related assemblies are illustrated in phantom (_____) but not listed on the detail parts list page.

1. Always give serial number and model of **REED** trailer mounted concrete pump **C50HP**. (Refer to each unit name plate shown below). NOTE: This manual is being released to cover unit starting with serial number **3-99-1-1611** to current production. Some components used on earlier units differ from current productions. Where this occurs, the part is identified by a serial number.

REED		PHONE (909) 364-2100	CE
13822 OAKS AVENUE CHINO, CA 90710 USA		FAX (909) 364-2140	
MODEL		SERIAL NO.	
HYD. PRESSURE		PSI	BAR
ELECTRIC MOTOR/ ENGINE SPEED		RPM	VOLTS
VEHICLE WEIGHT (APPROX.)		LBS	KG
75009A			

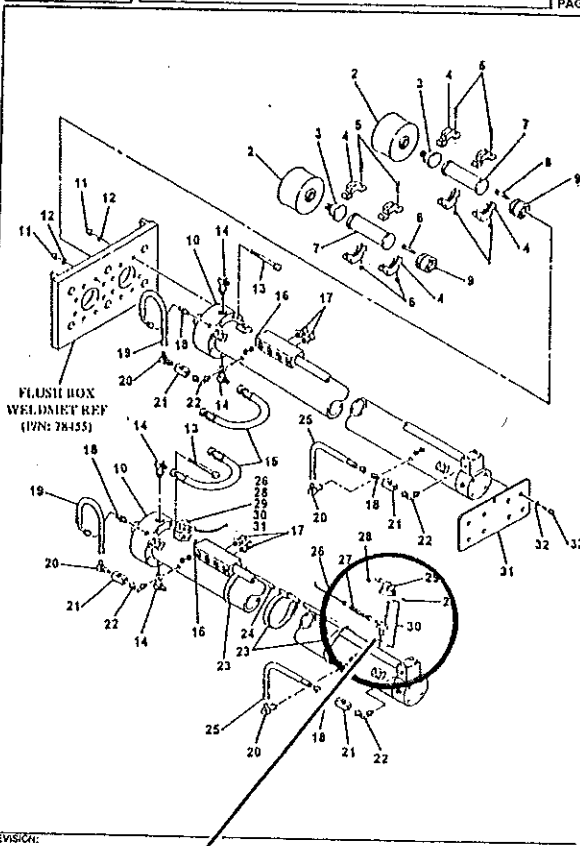
2. Always specify part number and complete name of parts ordered.
- A. Turn to table of content in the desired Installation.
Refer to main group in which part should be listed.





HYDRAULIC PUMPING ASSEMBLY

C50HP
PARTS
GROUP 00
FIGURE 06
PAGE 01



REVISION:



HYDRAULIC PUMPING ASSEMBLY

C50HP
PARTS
GROUP 00
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
1	6046	Assembly, Hydraulic Pump (See Group 20, Figure 01 for BHA)	Ref
2	78354	* Cap, Piston	2
3	78414	* Coupler	2
4	78352	* Coupling, Dog In	4
5		* Bolt 1/2 x 4 (attaching parts)	6
6		* Nut, 1/2 (attaching parts)	6
7	78443	* Hose, Dog	2
8		* Bolt 3/8 x 2	6
9	78442	* Coupler	2
10	78438	* Assembly, Hydraulic Cylinder (See Group 01, Figure 07 for DET)	1
11		* Nut (attaching parts)	16
12		* Washer (attaching parts)	16
13	78617	* Bolt (attaching parts)	16
14		* Elbow, 90° (5/8x1/2-16)	4
15	79143	* Asses. Hose	2
16	78593	* Fitting, Mount Check (5/8x1/2)	2
17		* Elbow, 90° (5/8x1/2-16)	4
18		* Fitting, 90° (5/8x1/2-16)	4
19	79144	* Asses. Hose	2
20		* Asses. Hose	4
21		* Asses. Hose	4
22		* Asses. Hose	4
23		* Asses. Hose	4
24	79426	* Tube, Wire	1
25	79345	* Assembly, Tube	2
26	78417	* Cable	2
27	73010	* Lockin, 1/2 Plys	AR
28		* Pin, 1/4 x 20	4
29	79285	* Cover, Proximity Switch	2
30	78416	* Switch, Proximity	2
31	78415	* Switch, Proximity	2
32		* Washer, 1 Lock (attaching parts)	8
33		* Bolt, 1 x 2 (attaching parts)	8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

- B. Find title of figure in which the part should be shown. Note figure number.
- C. Turn to corresponding page, find the group and figure.
- D. Check your required part and its attaching parts and match with illustration page.
- E. Refer to corresponding item number in the part list page. Part numbers are located in the part number column.
- F. When ordering variable or optional miscellaneous parts which are not found this in parts chapter, follow the above outlined procedure of how to order parts.
 - 1). When applicable, give model and serial number of the component for which parts are desired.
 - 2). In a specific, difficult to describe situation, a marked-up photograph or detailed sketch would be helpful.

REVISION:

3. Do not designate quantity by "set". State specifically how many parts are wanted.
4. Always give complete address and full shipping instructions. Specify shipping instructions, truck freight, air freight. United Parcel Service (UPS), or Air Borne Express and DHL are available in designated areas.

5. TO ORDER**A. BY MAIL**

Attention: Parts Department

REED13822 Oaks Avenue
Chino, CA. 91710 - 7008**B. BY FAX**

(909) 364 - 2141

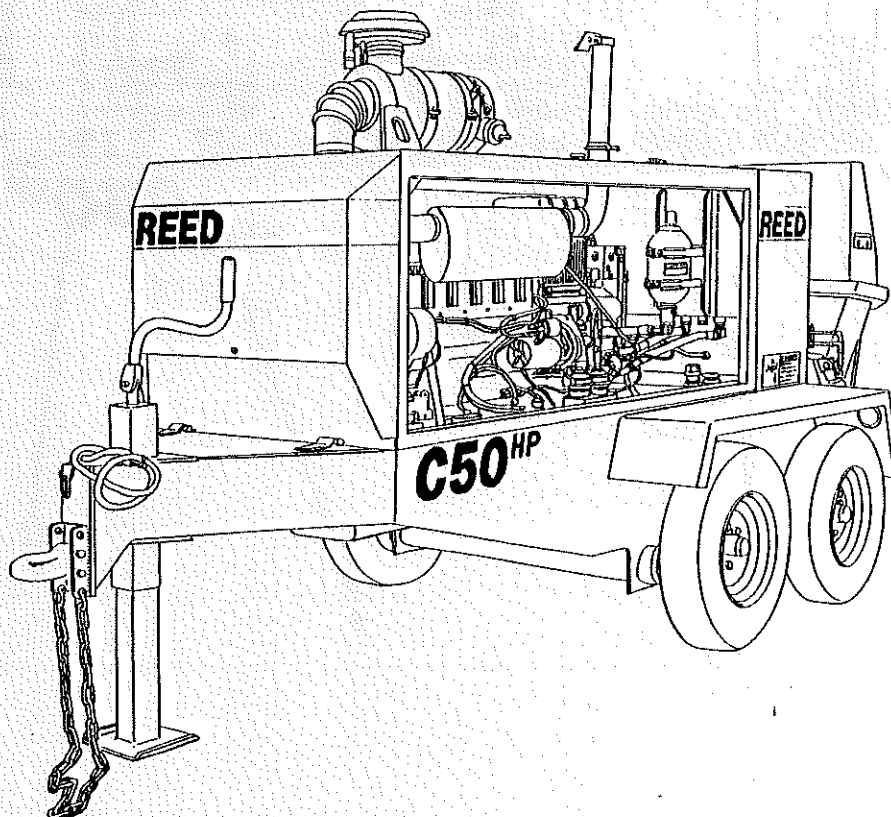
C. BY PHONE

(909) 364 - 2100

6. Parts return without authorization will not be accepted. If it is necessary to return parts for any reason, written authorization may be obtained from **REED** Parts Department, Chino, CA. 91710-7008. A Parts Return Authorization form is provided when **REED** deems its necessary to have the part returned for evaluation. The form is issued by the Warranty of Parts Department of **REED**.
 - A. The form will be filled by **REED** unless requesting necessary information and you will receive a copy as well as shipping tag.
 - B. Attach shipping tag to part insert return original invoice.
 - C. Ship part to **REED PREPAID**.
 - D. Part must be returned to **REED** within 30 days from date of authorization.

REED TRAILER MOUNTED CONCRETE PUMP MODEL C50HP ILLUSTRATED PARTS MANUAL GROUP 10 FINAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

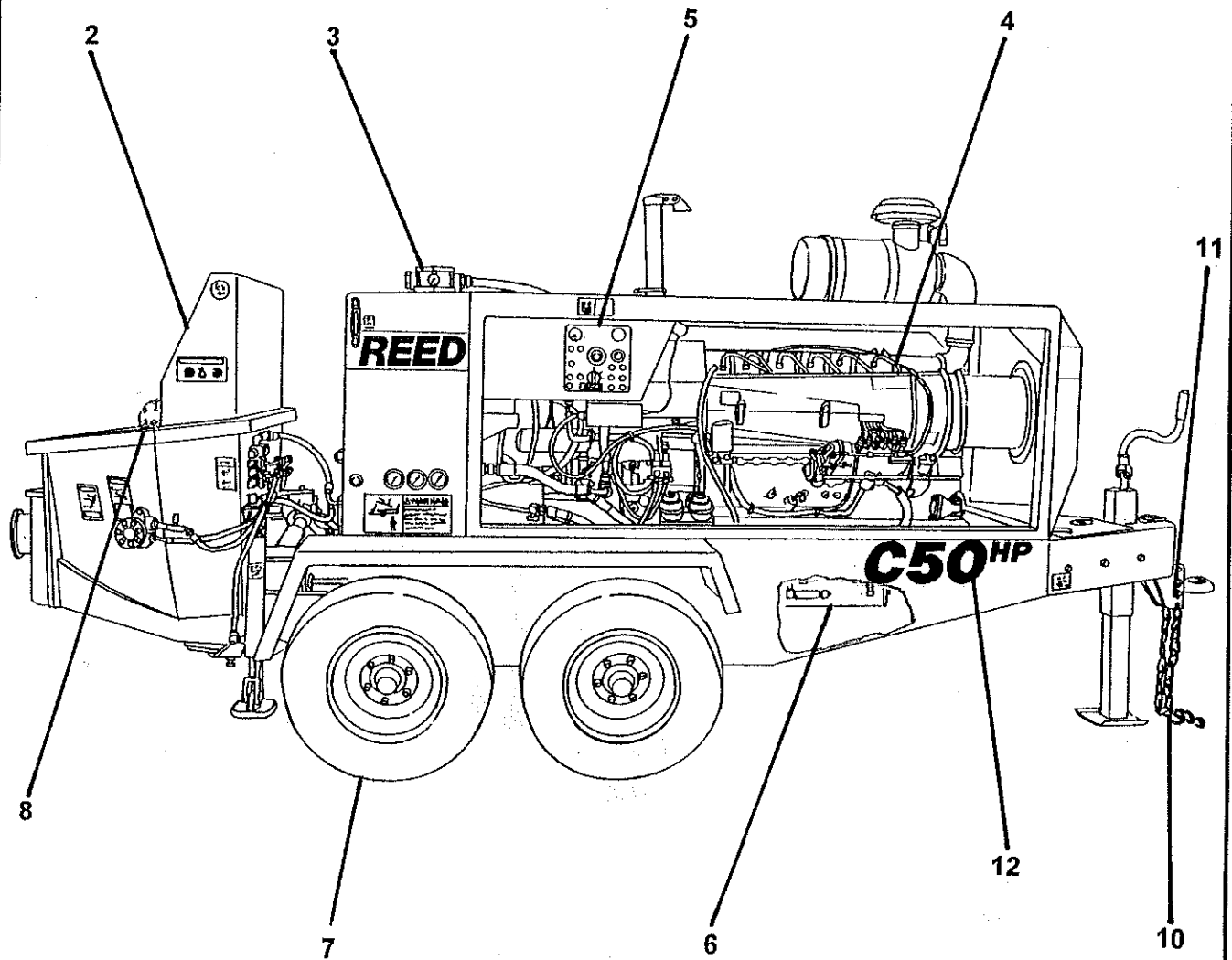
- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** FINAL INSTALLATION
- FIGURE 02** DECAL ASSEMBLY



REED

FINAL INSTALLATION

C50HP
PARTS
GROUP 10
FIGURE 01
PAGE 01



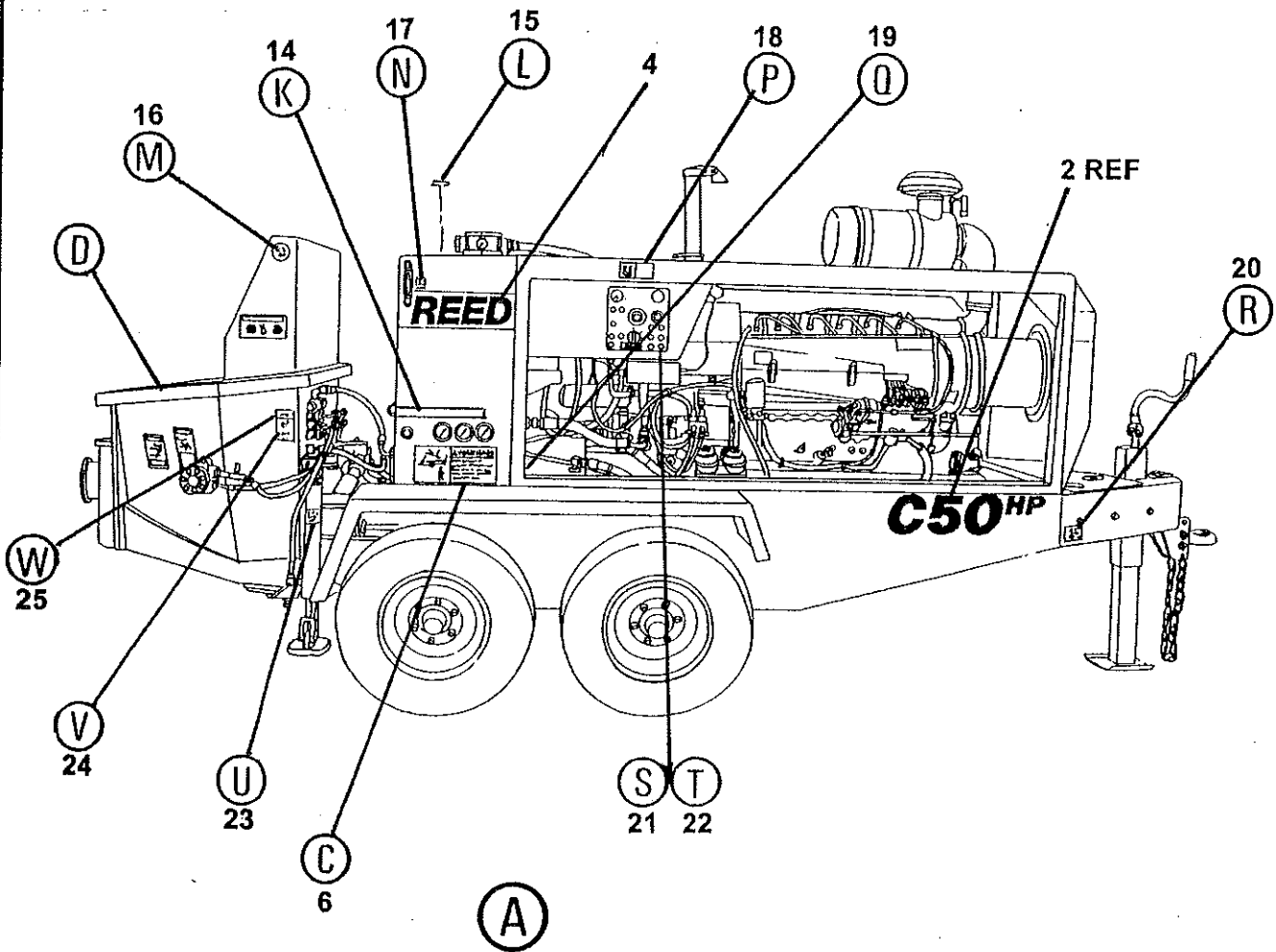
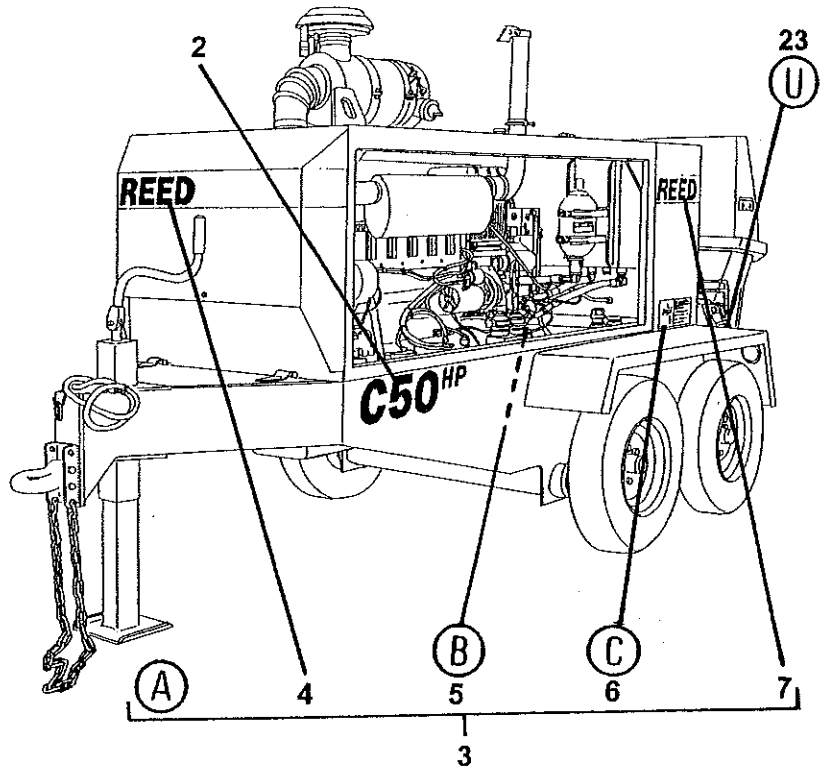
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	7410	Installation, <i>C50HP</i> Final					Ref
2	20-01	• Installation, Hopper (See Group 20, Figure 01 for DET)					1
3	30-01	• Installation, Tank (See Group 30, Figure 01 for DET)					1
4	40-01	• Installation, Power Train (See Group 40, Figure 01 for DET)					1
5	50-01	• Installation, Control (See Group 50, Figure 01 for DET)					1
6	60-01	• Installation, Pumping Train (See Group 60, Figure 01 for DET)					1
7	70-01	• Installation, Frame (See Group 70, Figure 01 for DET)					1
8	80-01	• Installation, Optional (See Group 80, Figure 01 for DET)					1
9	77705	• Kit, Break Away					1
10	71048	• Chain, 36 LK					1
11	71049	• Clevis, Double					2
12	10-03	• Kit, <i>C50HP</i> Decal (See Group 10, Figure 02 for DET)					1

DASH (-) ITEM NOT ILLUSTRATED

REED

DECAL ASSEMBLY

C50HP
PARTS
GROUP 10
FIGURE 02
PAGE 01



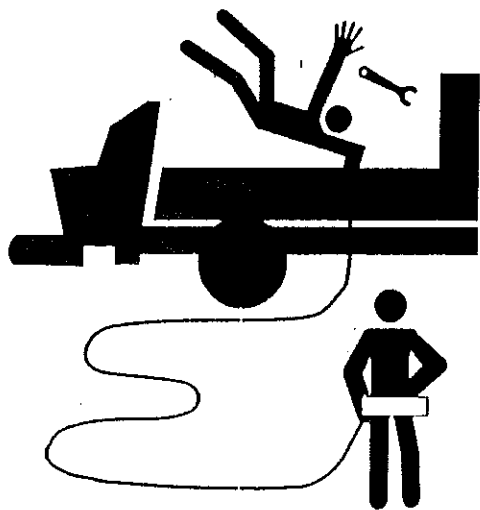


5



ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	10-02	Kit, C50HP Decal (See Group 10, Figure 01 for NHA)					Ref
2	85415	• Decal, C50HP 6 Inch Black					2
3	85430	• Kit, B-Series Decal					1
4	85418	• • Decal, REED 4 1/2 Inch Black and White 48 Inch					2
5	800916	• • Decal, Warning, Keep Hand Out of Water Box					1
6	800924	• • Decal, Warning, This Machine is Remote Controlled and					2
7	85416	• • Decal, REED 4 1/2 Inch Black and White 20 Inch					1
8	800922	• • Decal, Warning, Before Opening a Blocked Pipeline,					1
9	800921	• • Decal, Warning, Do Not Operate at Pressures Exceeding					1
10	73132	• • Decal, REED 4 1/2 Inch					1
11	800929A	• • Decal, Warning					2
12	800917	• • Decal, Warning, Keep Hand Out of Hopper and Valve					2
13	800918	• • Decal, Warning, Do Not Stand on Hopper Grate					2
14	85684	• • Decal, B-Series Gauge					1
15	75020	• • Decal, Hydraulic Oil					1
16	800931	• • Decal, ACPA Member					1
17	85844	• • Decal, Oil Level					1
18	800926	• • Decal, Warning, Do Not Operate This Machine without					1
19	75017	• • Decal, Diesel Fuel Only					1
20	75009	• • Nameplate, REED , Serial No.					1
21	85409	• Decal, C50HP Control Box Panel					1
22	85411	• Decal, C50HP Remote Control					1
23	800919	• Decal, Optional, Warning, Stand Clear Outriggers When					2
24	83845	• Decal, Outriggers					1
25	83846	• Decal, Agitator					1

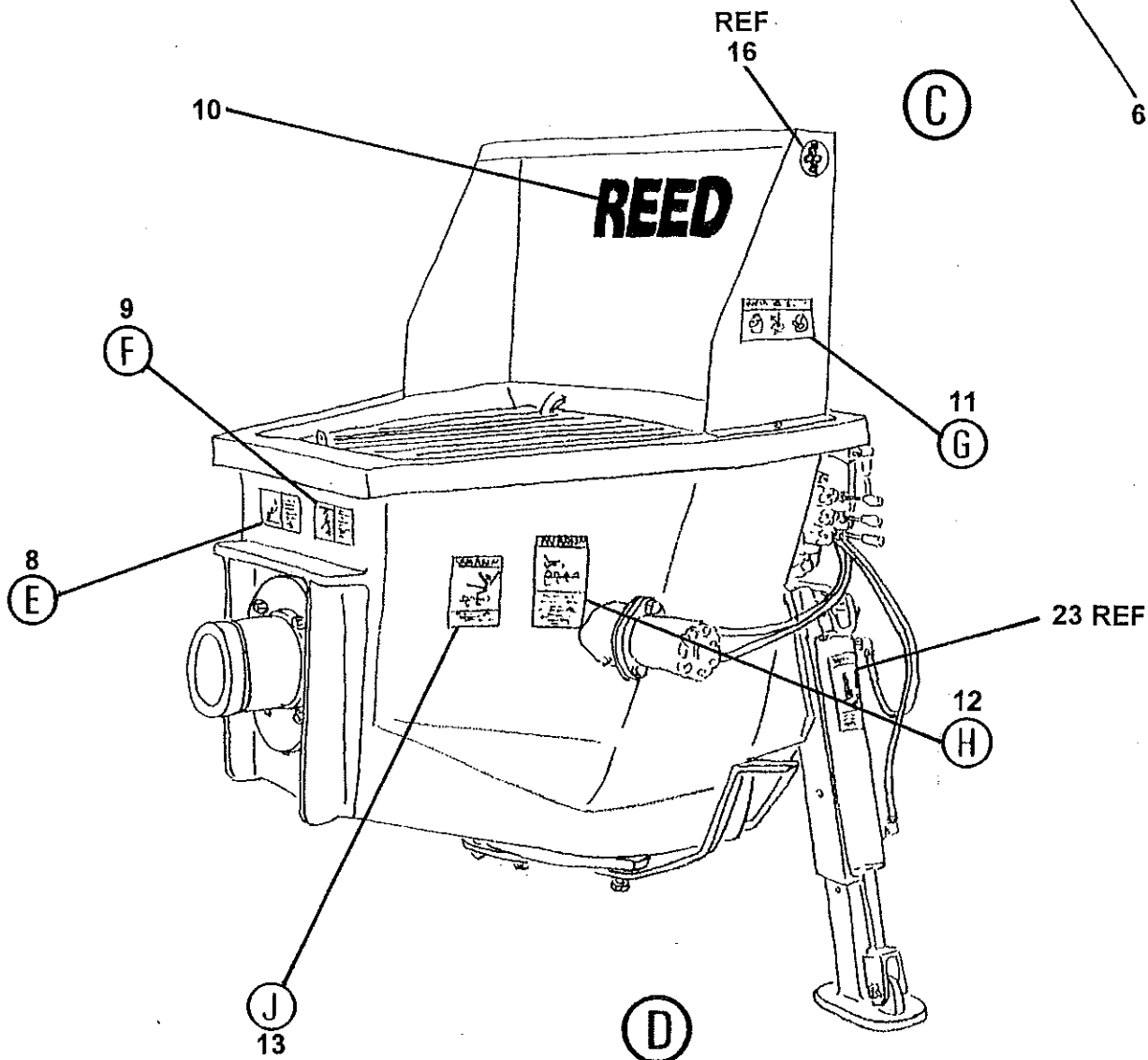
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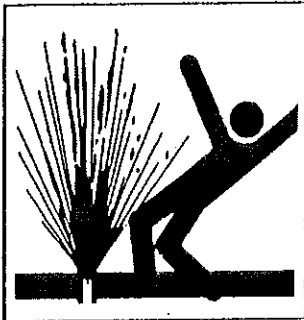


! WARNING

This machine is remote controlled and may start at any time. Stop engine before servicing unit.

890924





⚠ WARNING

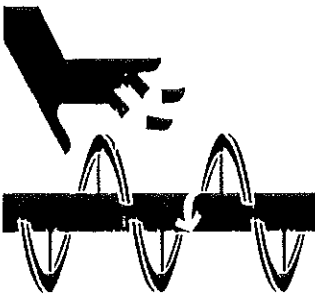
Before opening a blocked pipeline, relieve pressure by reversing pump. See manual.

800922

8



⚠ WARNING

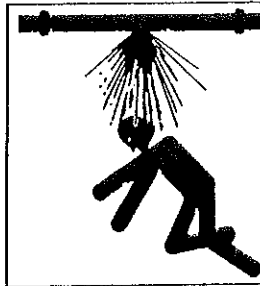


Keep hands out of hopper and valve assembly. See operation manual if access is required.

800917



12



⚠ WARNING

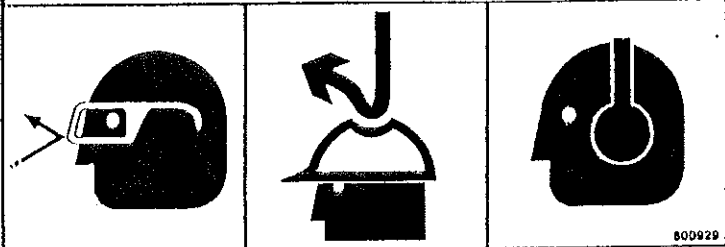
Do not operate at pressures exceeding the rating of the entire material delivery system.

800921

9



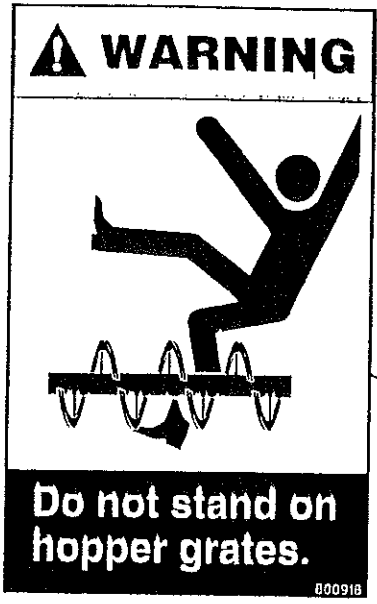
CUIDADO ⚠ WARNING



800929



11



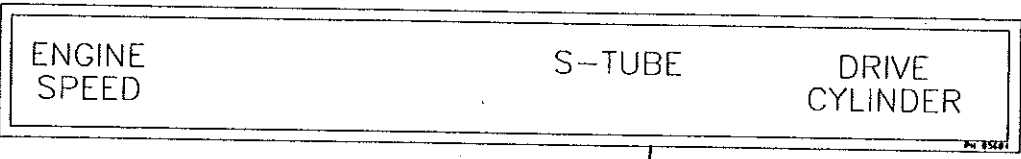
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15

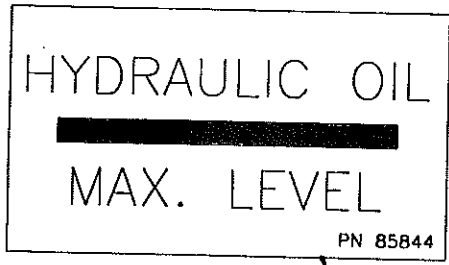
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(J)



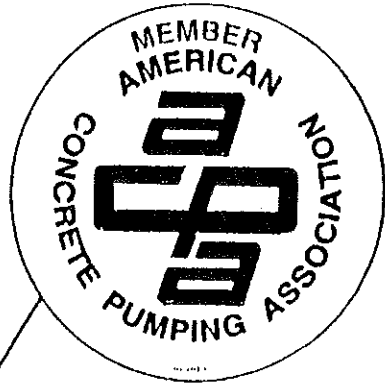
14

(K)



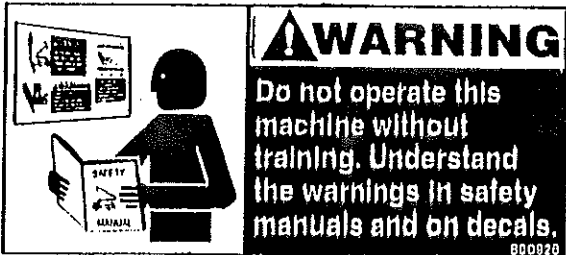
17

(N)



16

(M)

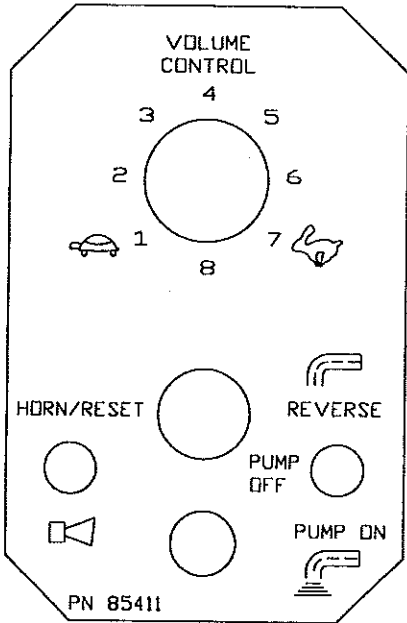


(P)

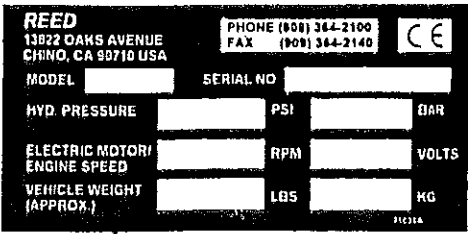
18

19

(Q)



22

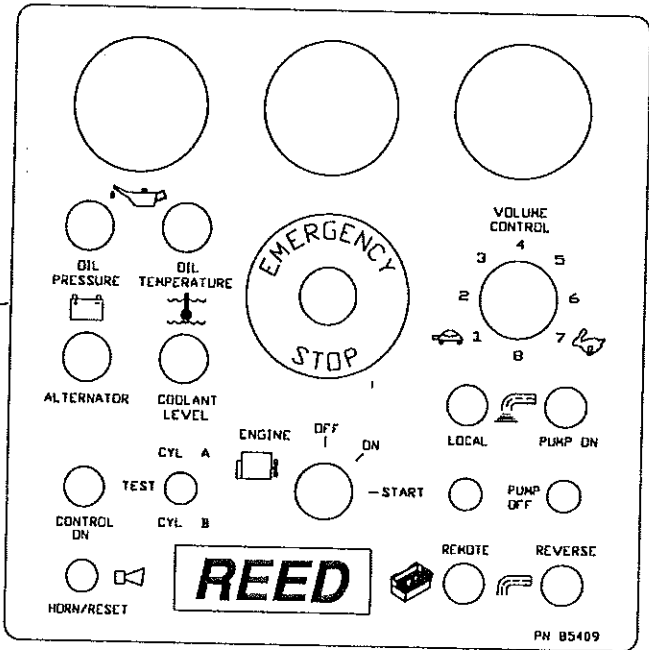


20

(R)

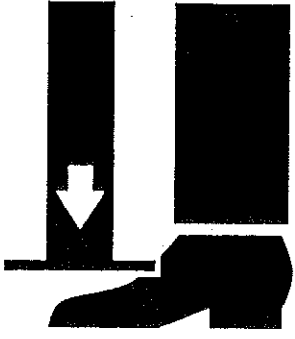
(T)

21



(S)

▲WARNING



**Stand clear of
outriggers when
activating.**

800919

23



FAR OUTRIGGER
UP ↔ DOWN

NEAR OUTRIGGER
UP ↔ DOWN

PN 85845

24



AGITATOR
REV ↔ FWD

PN 85846

25



ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	10-02	Kit, C50HP Decal (See Group 10, Figure 01 for NHA)					Ref
2	85415	• Decal, C50HP 6 Inch Black					2
3	85430	• Kit, B-Series Decal					1
4	85418	• • Decal, REED 4 1/2 Inch Black and White 48 Inch					2
5	800916	• • Decal, Warning, Keep Hand Out of Water Box					1
6	800924	• • Decal, Warning, This Machine is Remote Controlled and					2
7	85416	• • Decal, REED 4 1/2 Inch Black and White 20 Inch					1
8	800922	• • Decal, Warning, Before Opening a Blocked Pipeline,					1
9	800921	• • Decal, Warning, Do Not Operate at Pressures Exceeding					1
10	73132	• • Decal, REED 4 1/2 Inch					1
11	800929A	• • Decal, Warning					2
12	800917	• • Decal, Warning, Keep Hand Out of Hopper and Valve					2
13	800918	• • Decal, Warning, Do Not Stand on Hopper Grate					2
14	85684	• • Decal, B-Series Gauge					1
15	75020	• • Decal, Hydraulic Oil					1
16	800931	• • Decal, ACPA Member					1
17	85844	• • Decal, Oil Level					1
18	800926	• • Decal, Warning, Do Not Operate This Machine without					1
19	75017	• • Decal, Diesel Fuel Only					1
20	75009	• • Nameplate, REED , Serial No.					1
21	85409	• Decal, C50HP Control Box Panel					1
22	85411	• Decal, C50HP Remote Control					1
23	800919	• Decal, Optional, Warning, Stand Clear Outriggers When					2
24	83845	• Decal, Outriggers					1
25	83846	• Decal, Agitator					1

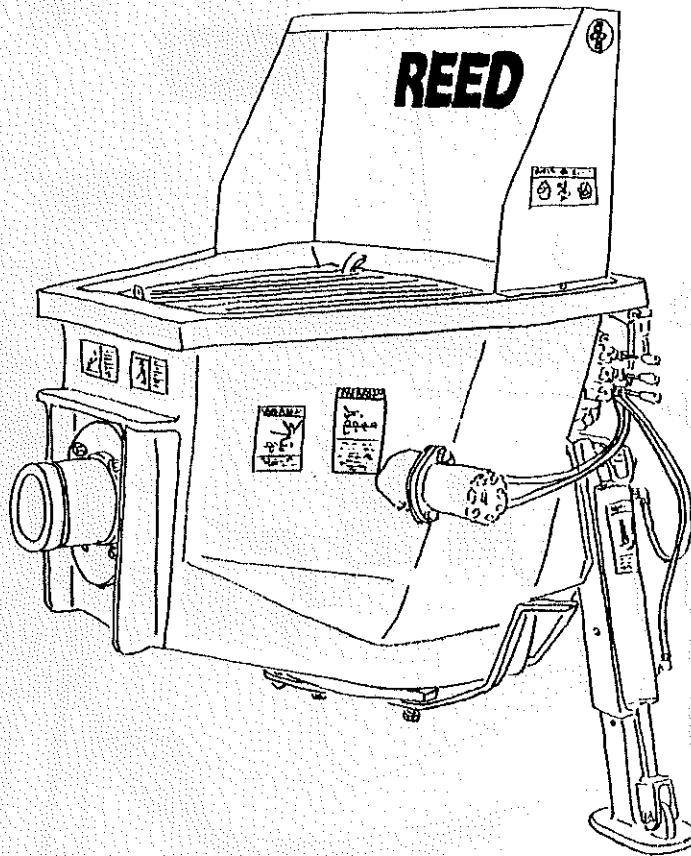
DASH (-) ITEM NOT ILLUSTRATED

REED

TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL

C50HP
PARTS
GROUP 10
FIGURE 03
PAGE 01

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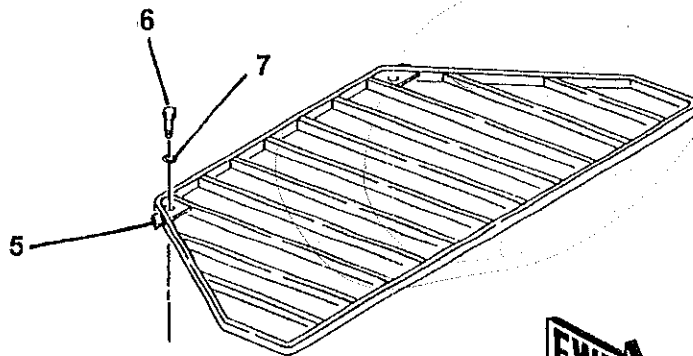
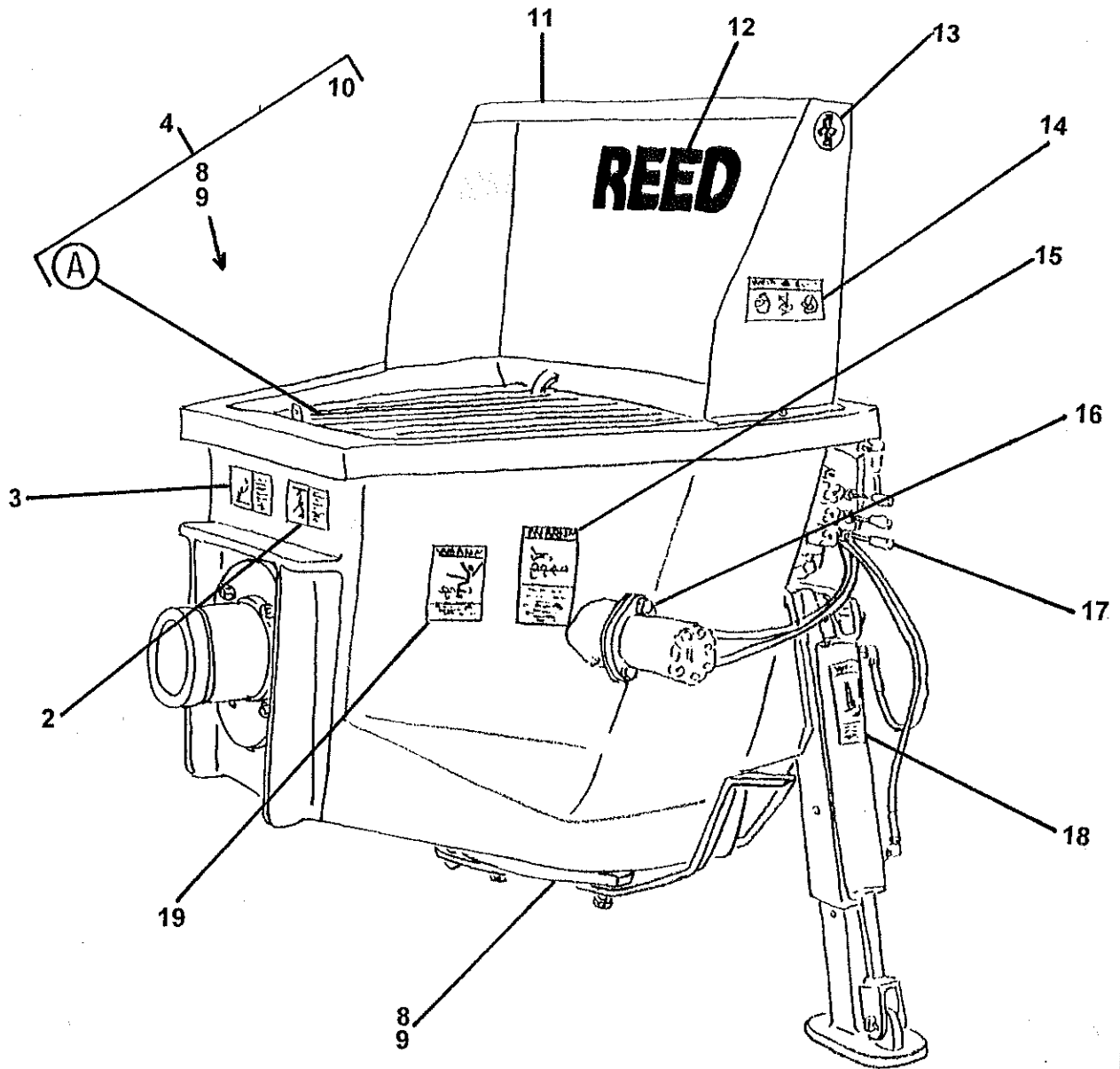
REED TRAILER MOUNTED CONCRETE PUMP MODEL C50HP ILLUSTRATED PARTS MANUAL GROUP 20 HOPPER INSTALLATION CONTAINS THE FOLLOWING FIGURES:

- | | |
|------------------|---|
| FIGURE 00 | TABLE OF CONTENTS |
| FIGURE 01 | HOPPER INSTALLATION |
| FIGURE 02 | SQUARE CLEAN OUT DOOR ASSEMBLY |
| FIGURE 03 | ROUNDED CLEAN OUT DOOR ASSEMBLY |
| FIGURE 04 | AGITATOR ASSEMBLY |
| FIGURE 05 | AGITATOR MOTOR ASSEMBLY |
| FIGURE 06 | AGITATOR/OUTRIGGER CONTROL VALVE ASSEMBLY |
| FIGURE 07 | AGITATOR/OUTRIGGERS CONTROL VALVE SUB-ASSEMBLY |

REED

HOPPER INSTALLATION

C50HP
PARTS
GROUP 20
FIGURE 01
PAGE 01



FWD →

(A)

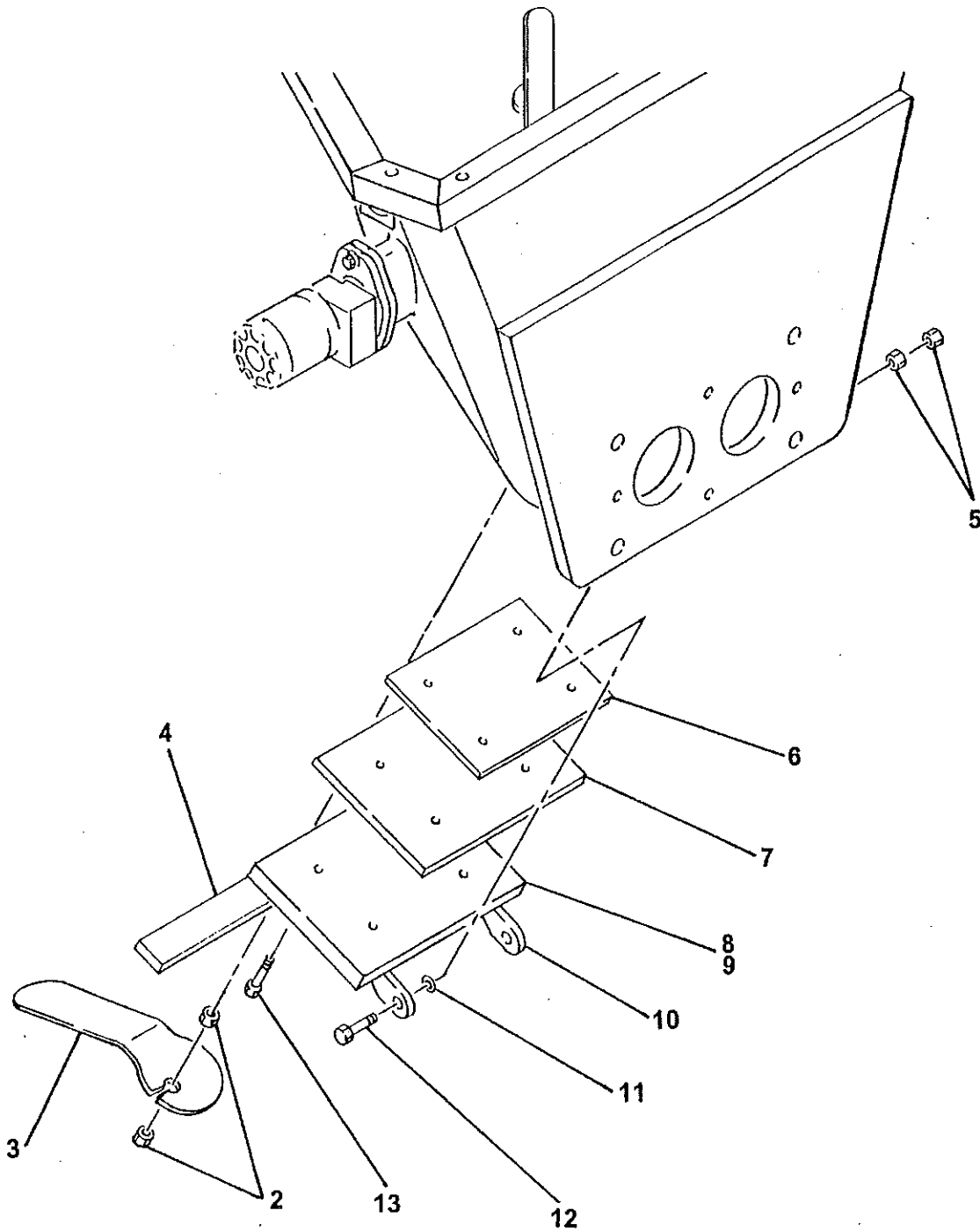
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	20-01	Installation, Standard Hopper (See Group 10, Figure 01 for NHA)					Ref
2	800921	• Decal, Warning, Do Not Operate at Pressures Exceeding					1
3	800922	• Decal, Warning, Before Opening a Blocked Pipeline,					1
4	76950	• Weldment, Hopper					1
5	70903	• • Grate, C50HP Standard Hopper					1
6		• • Bolt, Hex (attaching parts)					2
7		• • Washer, Lock (attaching parts)					2
8	72971-2	• • Assembly, Square Clean Out Door (See Group 20, Figure 02 for DET)					1
9	85372	• • Assembly, Rounded Clean Out Door (See Group 20, Figure 03 for DET)					1
10	72679	• • Hinge, Grate					2
11	85390	• Guard, Splash					1
12	73132	• Decal, REED 4 1/2 Inch					1
13	800931	• Decal, ACPA Member					1
14	800929	• Decal, Warning					2
15	800917	• Decal, Warning, Keep Hand Out of Hopper and Valve					2
16	20-04	• Assembly, Hopper Agitator (See Group 20, Figure 04 for DET)					1
17	20-06	• Assembly, Agitator / Outriggers Control Valve (See Group 20, Figure 06 for DET)					1
18	800919	• Decal, Warning, Stand Clear Outriggers When Activating					2
19	800918	• Decal, Warning, Do Not Stand on Hopper Grate					2

DASH (-) ITEM NOT ILLUSTRATED



SQUARE CLEAN OUT DOOR ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 02
PAGE 01



REED**SQUARE CLEAN OUT DOOR ASSEMBLY****CS011P**
PARTS
GROUP 20
FIGURE 02
PAGE 02

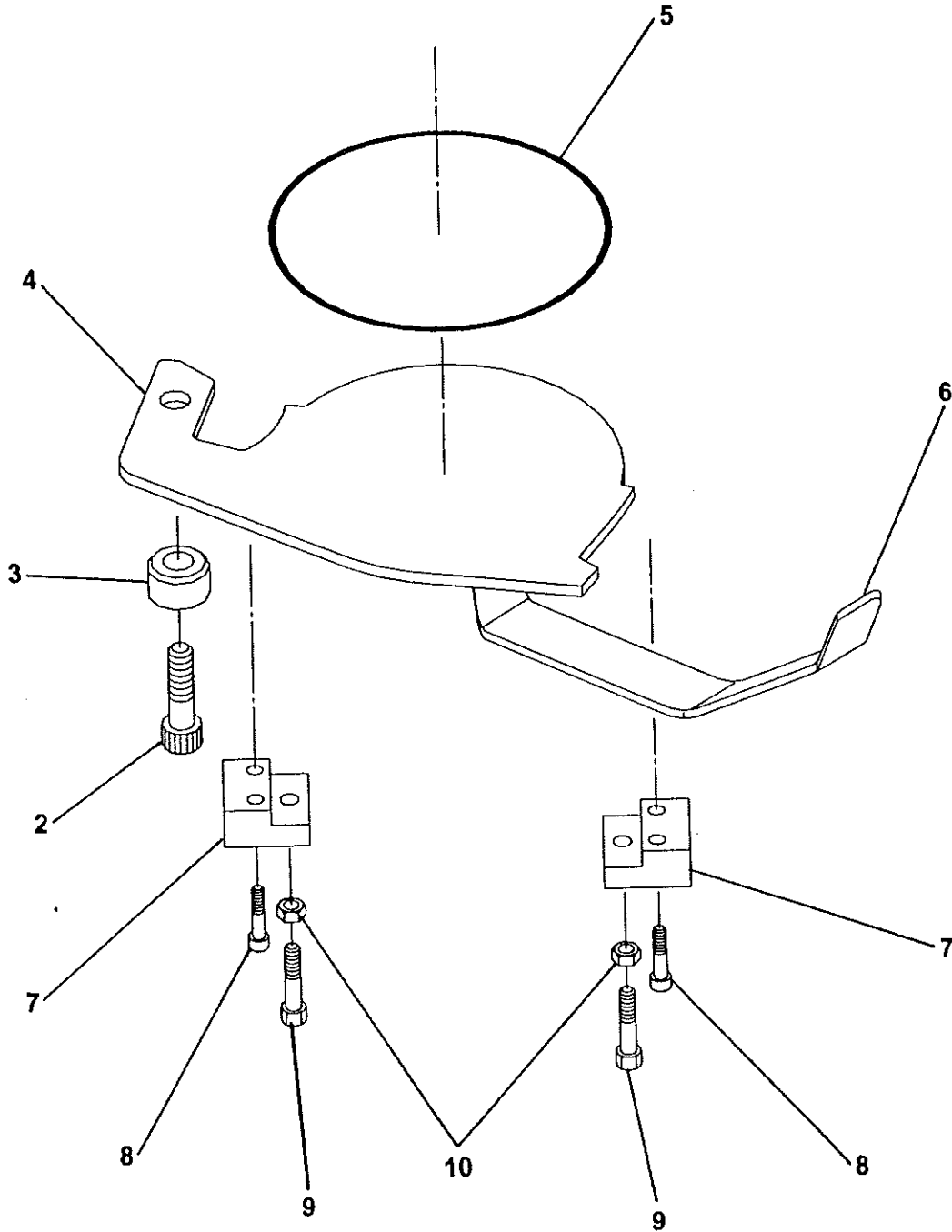
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	72971-2	Assembly, Square Clean Out Door (See Group 20, Figure 01 for NHA)					Ref
2					• Nut, Hex	2	
3	70096				• Handle, Clean Out Door	1	
4	71016				• Handle, Lift	1	
5					• Nut	4	
6	70794				• Insert, Door	1	
7	70248				• Rubber, Gasket	1	
8	70795				• Door, Hopper	1	
9	70150				• Plate, Lift	1	
10	70095				• Hinge, Clean Out Door	4	
11					• Washer	2	
12					• Bolt, Hex	2	
13					• Bolt, Hex	4	

DASH (-) ITEM NOT ILLUSTRATED

REED

ROUNDED CLEAN OUT DOOR ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 03
PAGE 01



FWD →



ROUNDED CLEAN OUT DOOR ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85372	Assembly, Rounded Clean Out Door (See Group 20, Figure 01 for NHA)					Ref
2	86922	• Bolt, Shoulder					1
3	85367	• Boss, Clean Out Door					1
4	85370	• Door, Clean Out					1
5	78142	• Assembly, 3 FT Cord W-102908A (2.5')					1
6	85369	• Handle, Clean Out Door					1
7	85313	• Block, Clean Out Door					2
8		• Capscrew, Socket Head					4
9	85368	• Bolt, Mod					2
10		• Nut, Jam					2
-11	85312	• Plate, Seal					1
-12	85371	• Neck, Clean Out Door					1

DASH (-) ITEM NOT ILLUSTRATED

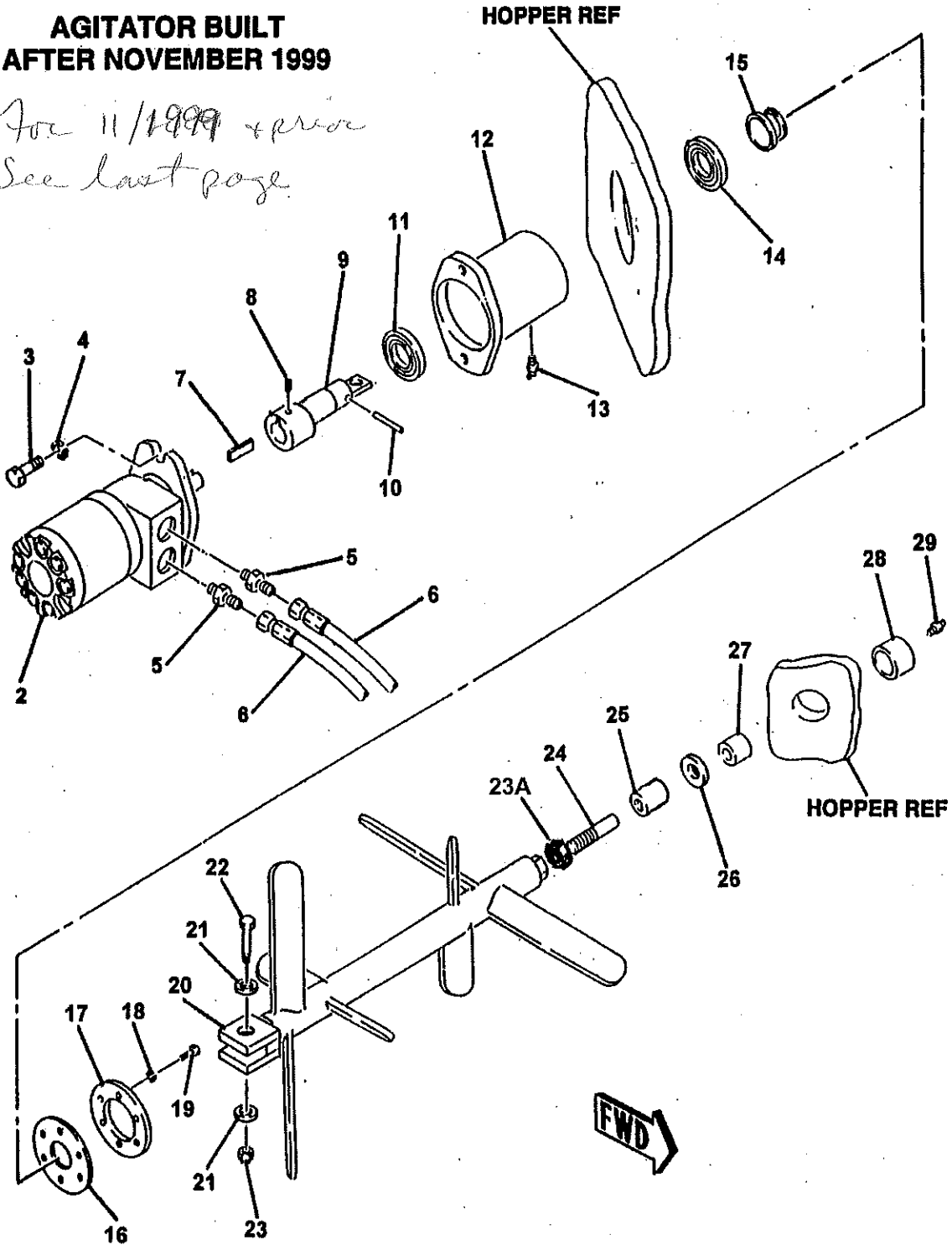


AGITATOR ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 04A
PAGE 01

**AGITATOR BUILT
AFTER NOVEMBER 1999**

*For 11/1999 & prior
See last page*



REED**AGITATOR ASSEMBLY****C50HP
PARTS
GROUP 20
FIGURE 04A
PAGE 02****AGITATOR BUILT
AFTER NOVEMBER 1999**

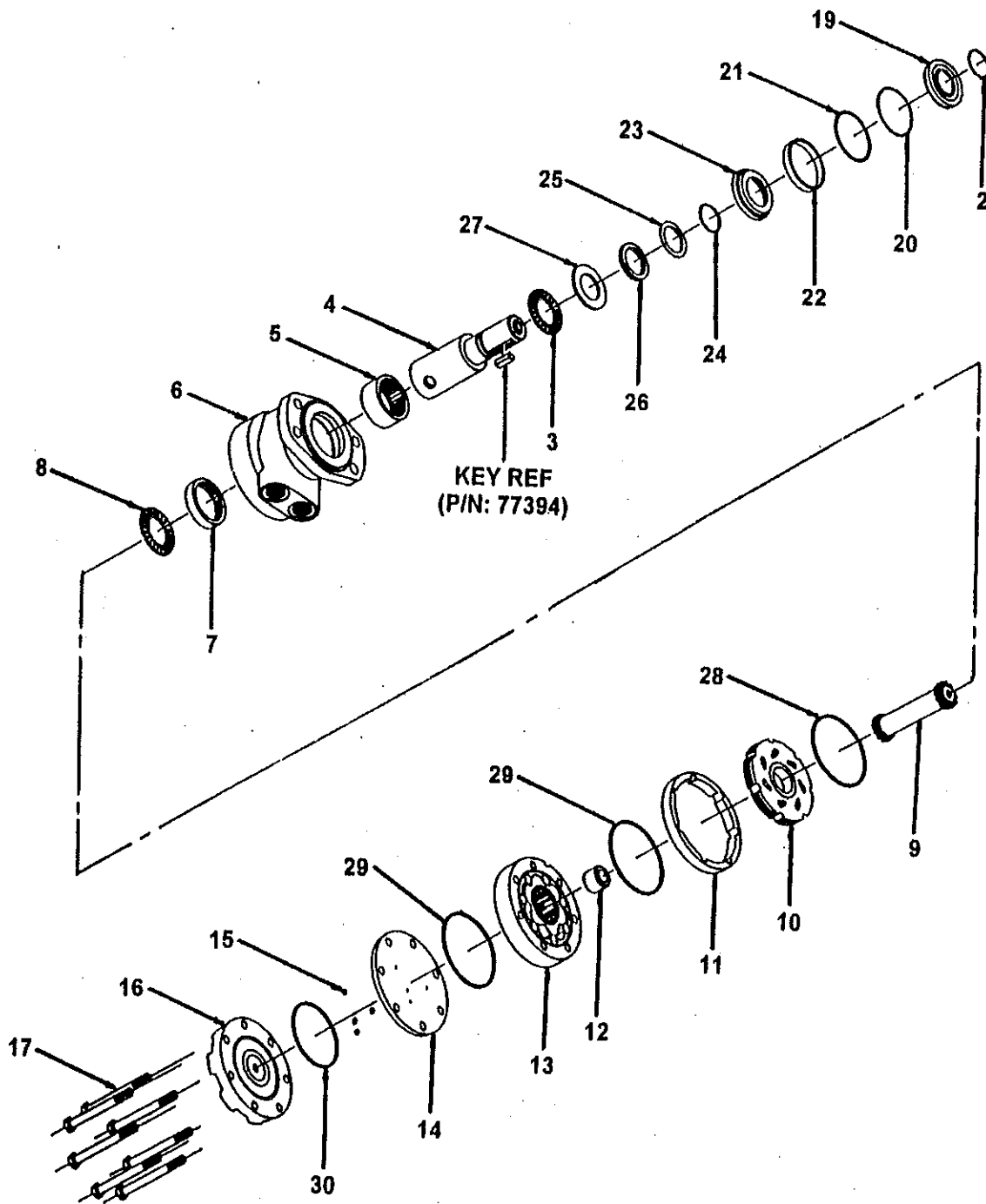
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85760	Assembly, C50HP Agitator (See Group 20, Figure 01 for NHA)					Ref
2	85811	• Assembly, Agitator Motor (See Group 20, Figure 05 for DET)					1
3		• Bolt, Hex (attaching parts)					1
4		• Washer, Lock (attaching parts)					2
5		• Fitting, STR					2
6	85658-002	• Assembly, Hose (See Schematic Section for REF)					2
7	30216	• Key					1
8	80374	• Screw, Set					1
9	85923	• Shaft, Agitator					1
10	86758	• Pin, Spring					1
11	85979	• Bearing, with Seal Ball					1
12	70226	• Housing, Bearing with Flange (Welded on Hopper)					1
13	80516	• Fitting, 90 Grease					1
14	85978	• Bearing, Plain Ball					1
15	85976	• Ring, Wear					1
16	70212	• Seal					1
17	70211	• Flange, Seal					1
18	86743	• Washer, Flat Washer 1/2"					6
19	86744	• Bolt, Hex (attaching parts)					6
20	70202	• Weldment, Agitator with Paddle					1
21		• Washer, Lock (attaching parts)					2
22	80156	• Screw, Hex Head Cap (attaching parts)					1
23	80075	• Nut (attaching parts)					1
23A	80030	20MM Hex Nut					1
24	70214	• Shaft, Idle					1
25	77877	• Spacer					1
26	86186	• Washer					1
27	70219	• Bearing, Idler					1
28	70210	• Housing, Idler Bearing (Welded on Hopper)					1
29		• Fitting, STR Grease					1
-30	85846	• Decal, Agitator					1

DASH (-) ITEM NOT ILLUSTRATED

REED

AGITATOR MOTOR ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 05
PAGE 01

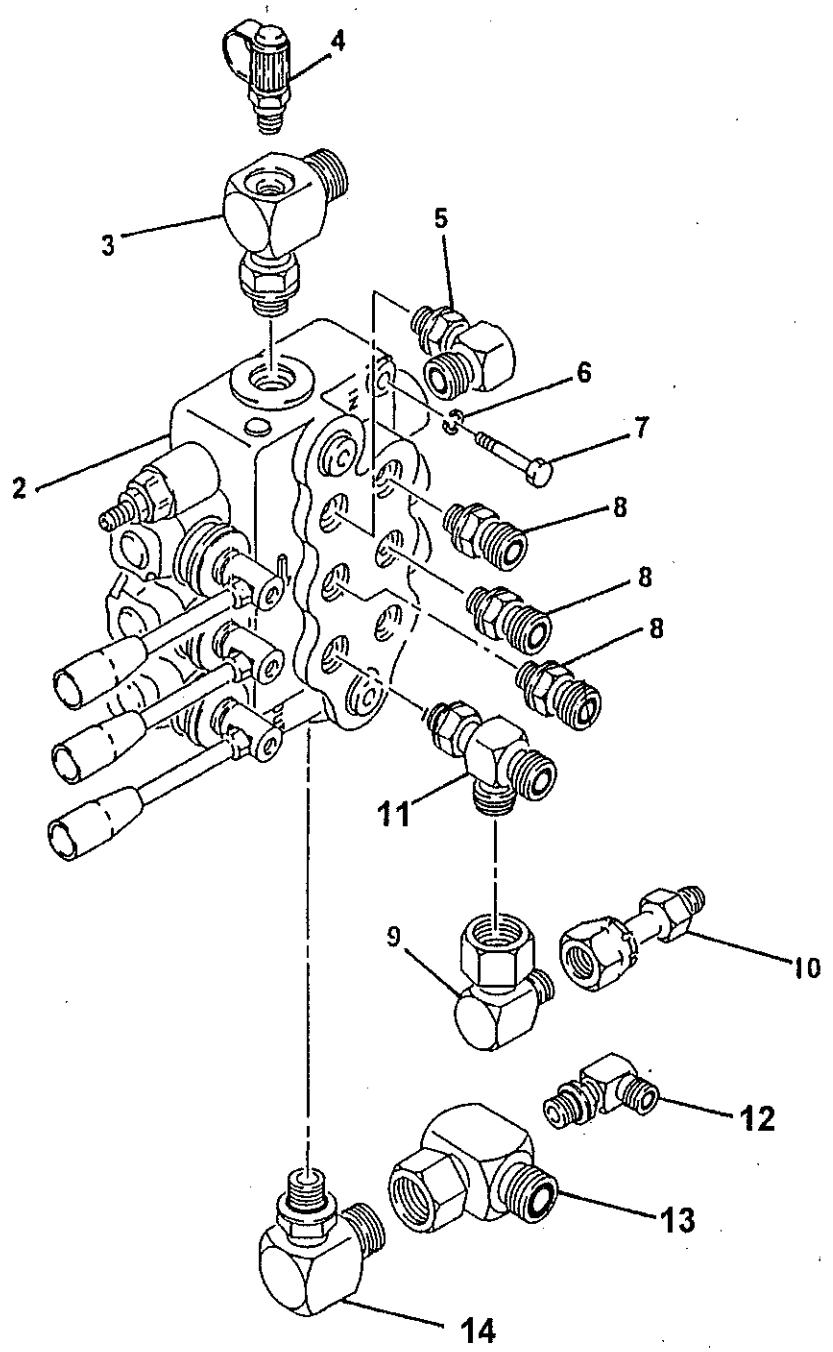


REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85811	Assembly, Agitator Motor (See Group 20, Figure 04 for NHA)					Ref
2		• Ring, Wire					1
3		• Bearing, Front Thrust					1
4		• Kit, Shaft					1
5		• Bearing, Front Housing					1
6		• Kit, Housing					1
7		• Bearing, Rear Housing					1
8		• Bearing, Rear Thrust					1
9		• Kit, Drive Link					1
10		• Bearing, Front Thrust					1
11		• Manifold					1
12		• Boot, Manifold					1
13		• Kit, Free Turn Rotor					1
14		• Plate, Balance					1
15		• Ball, Steel					4
16		• Cover, Motor End					1
17		• Bolt, Hex (attaching parts)					7
-18		• Kit, White Motors Seal					1
19		•• Seal, Dust					1
20		•• Ring, Split Wire					1
21		•• Shim, Metal Back Up					1
22		•• Seal, High Pressure					1
23		•• Carrier, Seal					
24		•• Shim, Metal Back Up					1
25		•• Seal, Polyamid					1
26		•• Seal, Shaft					1
27		•• Washer, Thrust					1
28		•• Seal, Rear Housing					1
29		•• Seal, Body					2
30		•• Seal, End Cover					1

DASH (-) ITEM NOT ILLUSTRATED

AGITATOR / OUTRIGGERS CONTROL VALVE ASSEMBLY



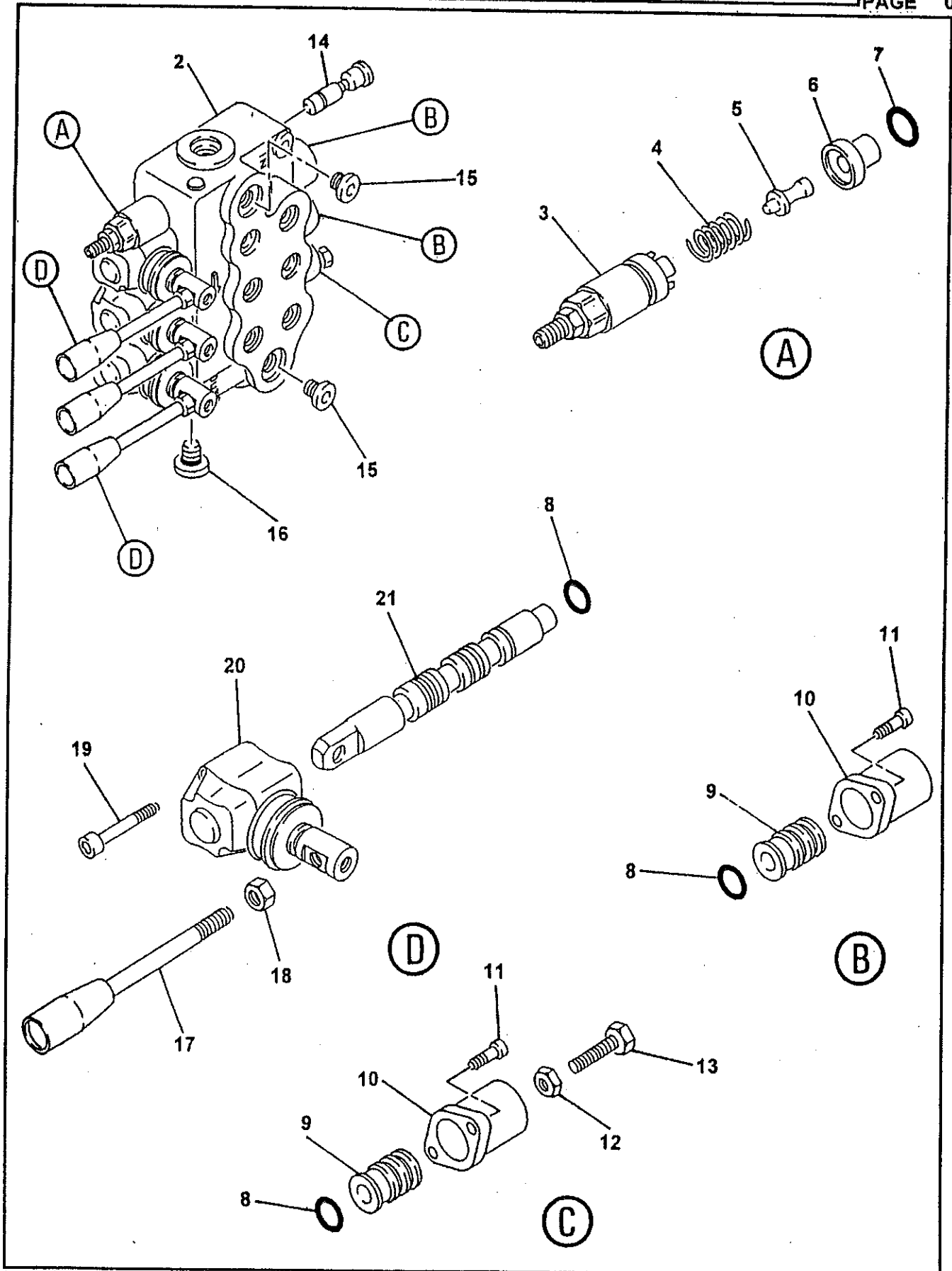


AGITATOR / OUTRIGGERS CONTROL VALVE ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	20-06	Assembly, Agitator / Outriggers Control Valve (See Group 20, Figure 01 for NHA)					Ref
2	74471	• Sub-Assembly, Agitator / Outriggers Control Valve (See Group 20, Figure 07 for DET)					1
3		• Tee, Special Drill					1
4	78593	• Fitting, Mini Check (Port)					1
5		• Fitting, 90					1
6		• Washer, SPL Lock					2
7		• Bolt, Hex					2
8		• Fitting, 90					3
9		• Fitting, 90					1
10		• Fitting, Connector					1
11		Tee					1
12		• Fitting, 90					1
13		• Tee, Special Drill					1
14		Tee					1

DASH (-) ITEM NOT ILLUSTRATED





AGITATOR / OUTRIGGERS CONTROL VALVE SUB-ASSEMBLY

C50HP
PARTS
GROUP 20
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	74471	Sub-Assembly, Agitator / Outriggers Control Valve (See Group 20, Figure 06 for NHA)					Ref
2		• Body, Valve					1
3		• Kit, Screw					1
4		• Spring					1
5		• Pin, Screw Kit					1
6		• Ring					1
7		• O-Ring					1
8		• O-Ring					4
9		• Kit, Spool Control					3
10		• Cap, Spool					3
11		• Screw, SOC (attaching Parts)					6
12		• Nut					1
13		• Bolt, Hex					1
14		• Kit, VRS					1
15		• Plug					2
16		• Plug					1
17		• Handle, Remixer Valve					3
18		• Nut (attaching parts)					3
19		• Screw, SOC					6
20		• Lever, L					3
21		• Spool					3

DASH (-) ITEM NOT ILLUSTRATED

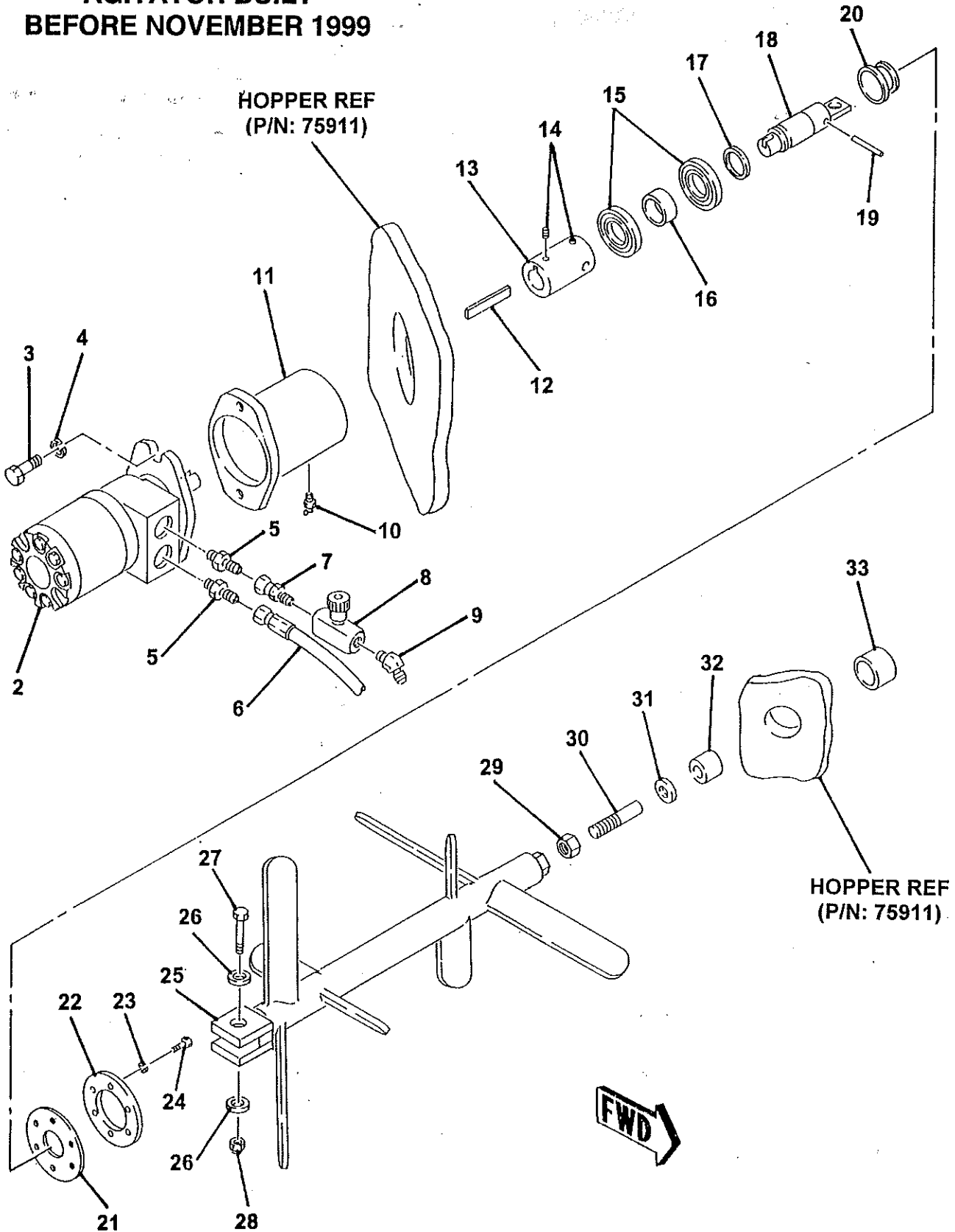
REED

**TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL**

**C50HP
PARTS
GROUP 20
FIGURE 08
PAGE 01**

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**AGITATOR BUILT
BEFORE NOVEMBER 1999**



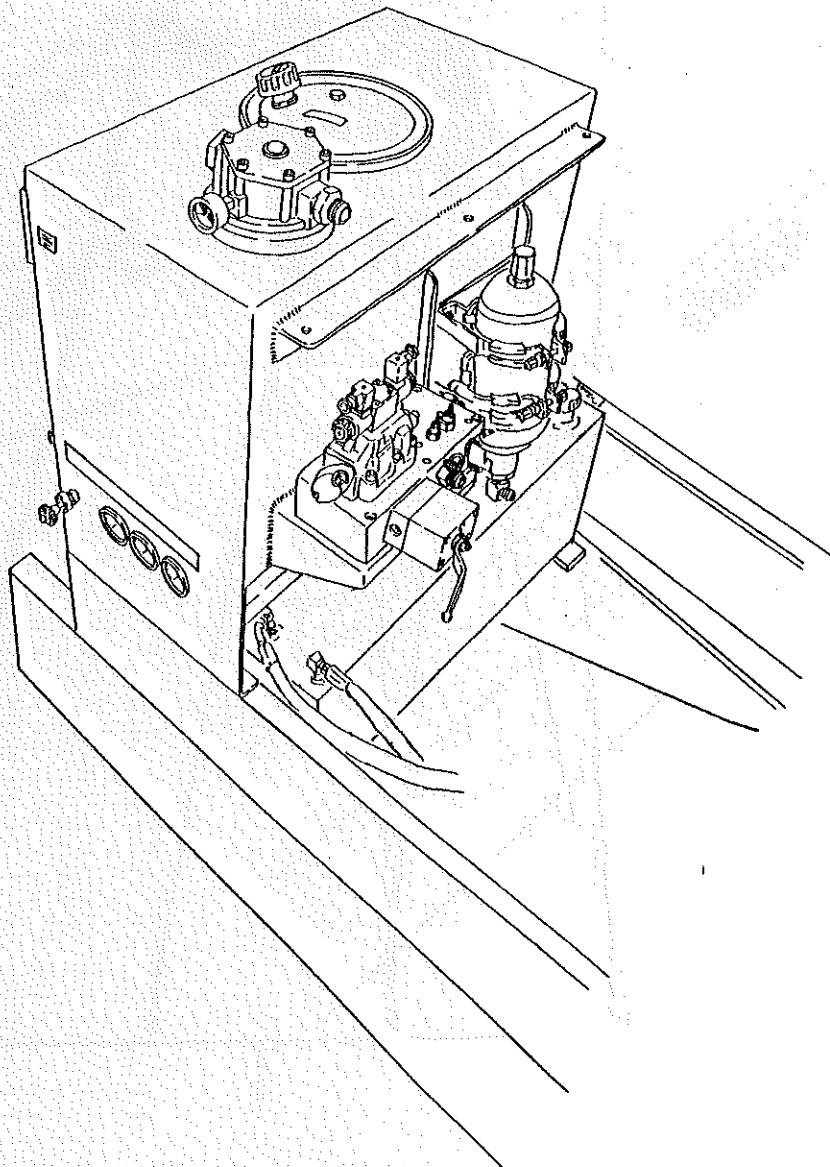
**AGITATOR BUILT
BEFORE NOVEMBER 1999**

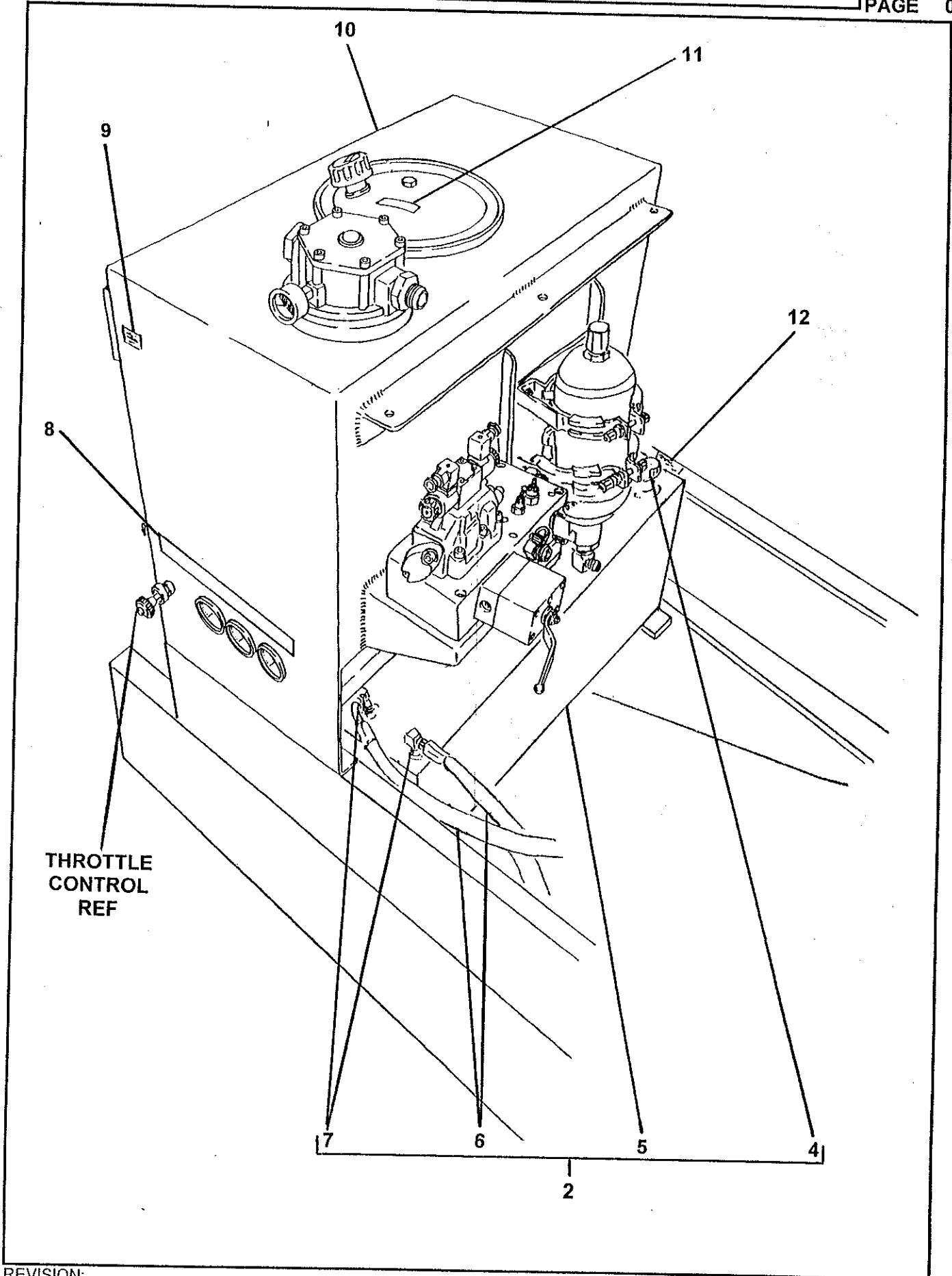
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85760	Assembly, Standard Hopper Agitator (Optional Item) (See Group 20, Figure 01 for NHA)					Ref
2	74529	• Assembly, Standard Hopper Agitator Motor (Optional Item) (See Group 20, Figure 07 for DET)					1
3		• Bolt, Hex (attaching parts)					1
4		• Washer, Lock (attaching parts)					2
5		• Fitting, STR					2
6	85658-001	• Assembly, Hose					1
7		• Fitting, STR					1
8	74514	• Valve, Needle					1
9		• Fitting, 45					1
10	80516	• Fitting, Grease					1
11	70226	• Housing, Bearing with Flange					1
12	30216	• Key					1
13	70225	• Coupling					1
14	80374	• Screw, Set					2
15	71019	• Bearing, Ball					2
16	70215	• Spacer, Long					1
17	70216	• Spacer, Shot					1
18	70224	• Shaft, Agitator					1
19	80298	• Pin, Spring					1
20	71018	• Ring, Wear					1
21	70212	• Seal					1
22	70211	• Flange, Seal					1
23		• Washer, Lock (attaching parts)					6
24		• Bolt, Hex (attaching parts)					6
25	70202	• Shaft, B50 Agitator with Paddle					1
26		• Washer, Lock (attaching parts)					2
27	80156	• Screw, Hex Head Cap (attaching parts)					1
28	80019	• Nut (attaching parts)					1
29	80030	• Nut, Hex					1
30	70214	• Shaft, Idle					1
31	77877	• Spacer					1
32	70219	• Bearing, Idler					1
33	70210	• Housing, Idler Bearing					1
-34	85658-002	• Assembly, Hose					1

DASH (-) ITEM NOT ILLUSTRATED

REED TRAILER MOUNTED CONCRETE PUMP MODEL **C50HP** ILLUSTRATED PARTS MANUAL GROUP 30 HYDRAULIC TANK INSTALLATION CONTAINS THE FOLLOWING FIGURES:

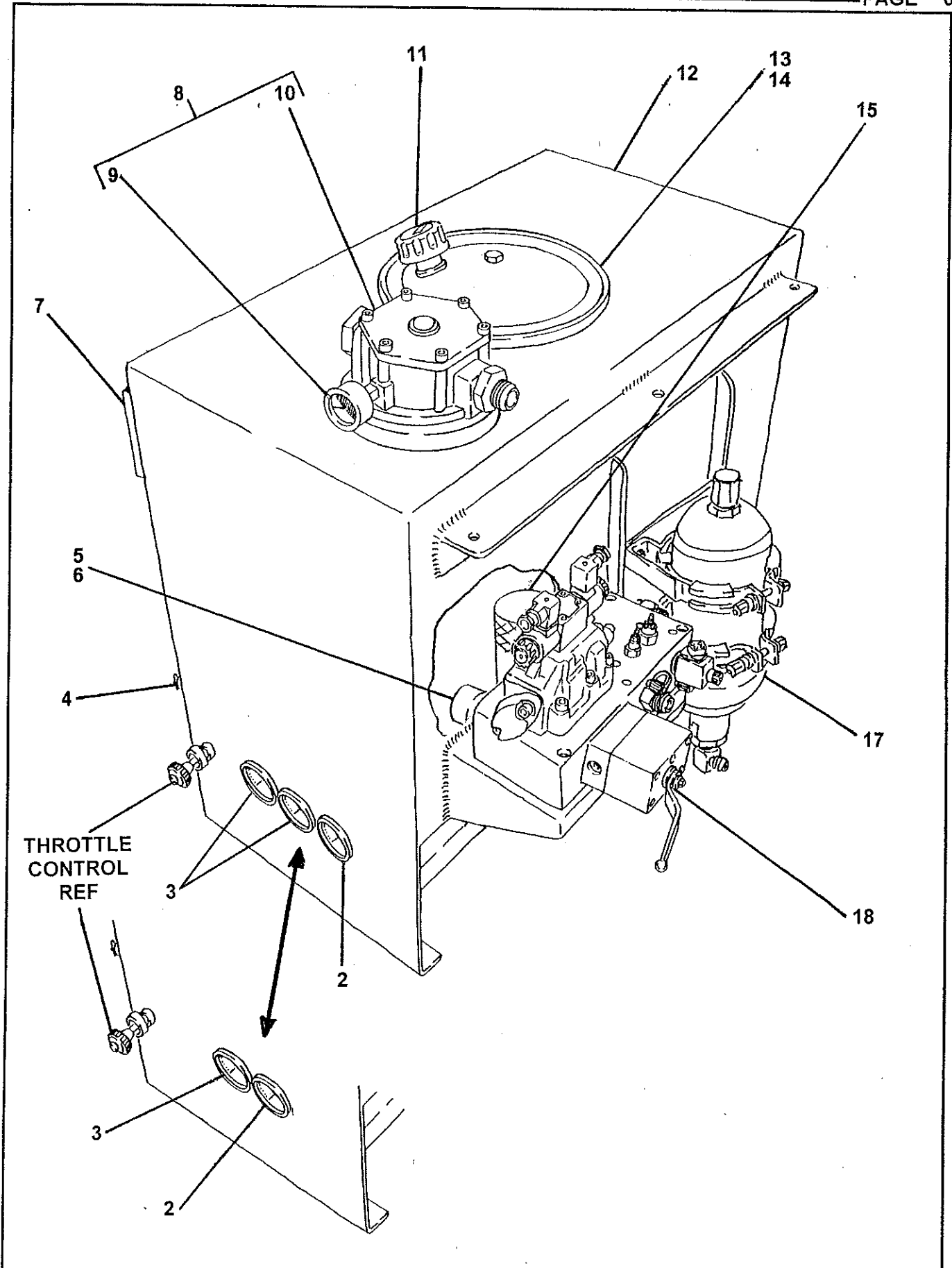
- FIGURE 00 TABLE OF CONTENTS
- FIGURE 01 TANK INSTALLATION
- FIGURE 02 HYDRAULIC TANK ASSEMBLY
- FIGURE 03 ACCUMULATOR ASSEMBLY
- FIGURE 04 ACCUMULATOR BLADDER REPAIR KIT
- FIGURE 05 SWING TUBE CIRCUIT MANIFOLD ASSEMBLY
- FIGURE 06 SWING TUBE CIRCUIT MAIN SOLENOID VALVE ASSEMBLY
- FIGURE 07 SWING TUBE CIRCUIT PILOT SOLENOID VALVE ASSEMBLY
- FIGURE 08 BALL VALVE ASSEMBLY





ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	30-01	Installation, Tank (See Group 10, Figure 01 for NHA)					Ref
2	85437	• Assembly, Fuel Tank					1
-3	77191	• • Gauge, Fuel					1
4	85570	• • Cap, Fuel					1
5	77181	• • Weldment, Fuel Tank					1
6	77183	• • Tube, Fuel Pick Up					2
7		• • Elbow, 90					2
8	85684	• Decal, Gauge					1
9	85844	• Decal, Oil Level					1
10	85431	• Assembly, Hydraulic Tank (See Group 30, Figure 02 for DET)					1
11	75020	• Decal, Hydraulic Oil					1
-12	85432	• Kit, C50HP Hose (See Schematic Section for DET)					1

DASH (-) ITEM NOT ILLUSTRATED



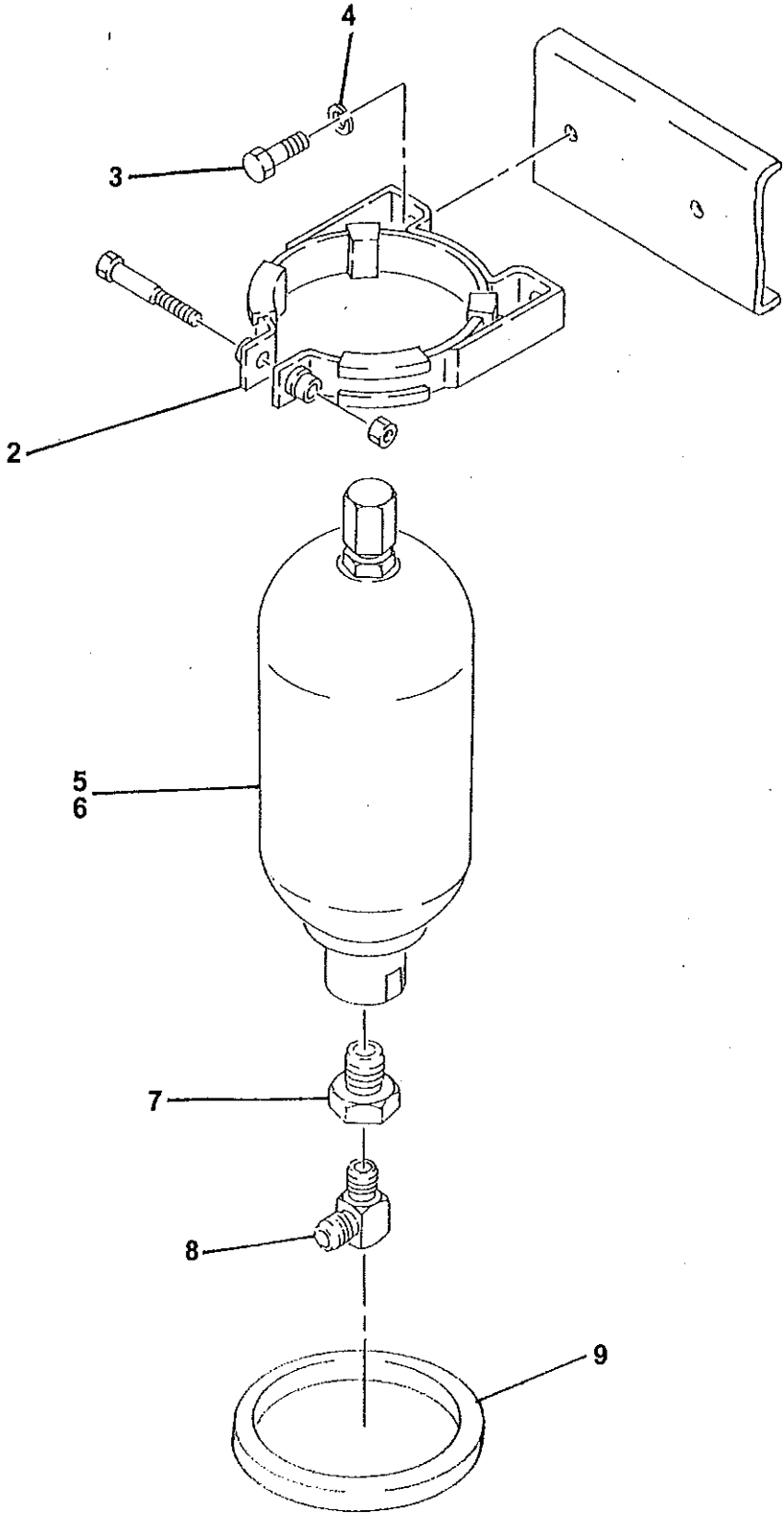
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85431	Assembly, Hydraulic Tank (See Group 30, Figure 01 for NHA)					Ref
2	70366	• Gauge, 3,000 PSI Hydraulic					A/R
3	74562	• Gauge, 6,000 PSI Hydraulic					1
4	801025	• Cock, Drain					1
5	85574	• Valve, 2 Inch Check					1
6	10981	• Nipple, 2 Inch					1
7	74509	• Gauge, Sight					1
8	85282	• Filter, Return					1
9	85575	• • Gauge, Return Filter					1
10	85283	• • Element, Return Filter					1
11	85537	• Filler, Breather					1
12	85360	• Weldment, Hydraulic Tank					1
13	85824	• • End Cover, Hydraulic Tank					1
14	85867	• • Gasket, End Cover					1
15	79247	• Separator, Magnetic					1
-16	79297	• Valve, Check					1
17	30-03	• Assembly, Accumulator (See Group 30, Figure 03 for DET)					1
18	85249	• Assembly, Swing Tube Circuit Manifold (See Group 30, Figure 05 for DET)					1
-19	78598	• Plug, Hoffman					A/R

DASH (-) ITEM NOT ILLUSTRATED



ACCUMULATOR ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 03
PAGE 01





ACCUMULATOR ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 03
PAGE 02

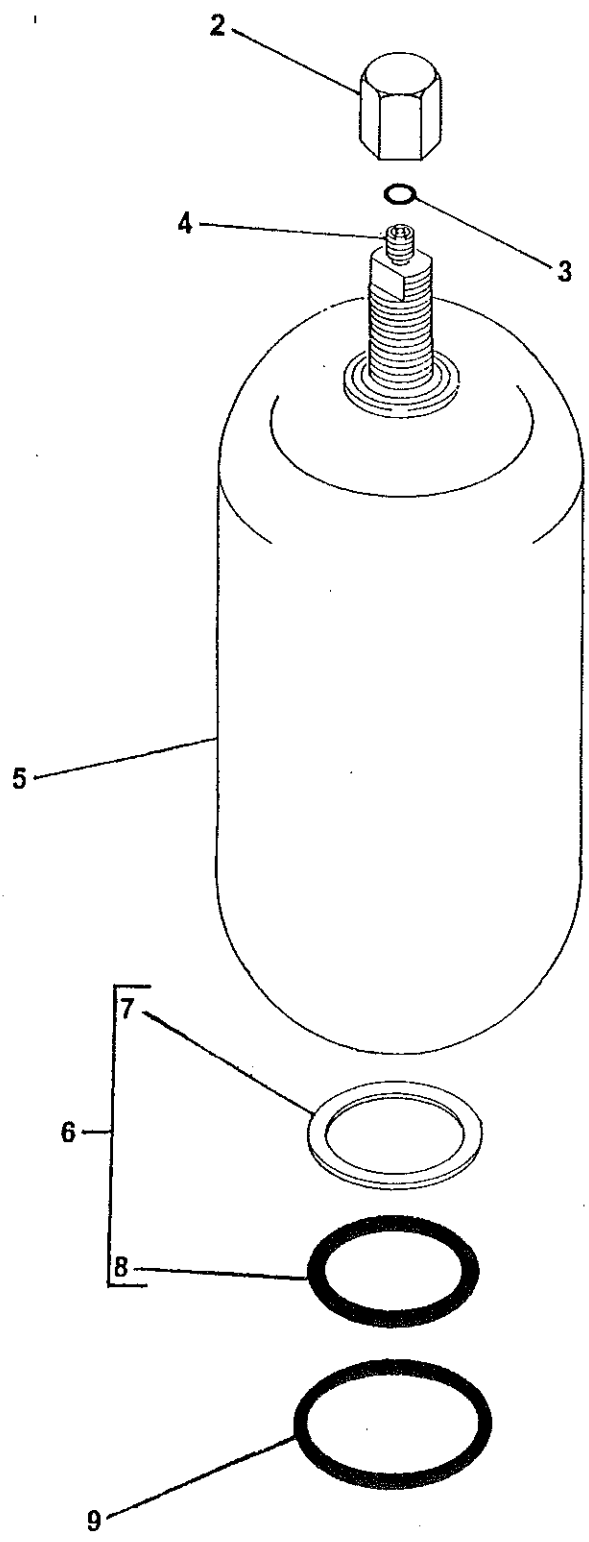
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-03	Assembly, Accumulator (See Group 30, Figure 01 for NHA)	Ref
2	73171	• Bracket, Accumulator	1
3		• Bolt, Hex (attaching parts)	2
4		• Washer, Lock (attaching parts)	2
5	74515	• Accumulator, 1 Gal	1
6	30-04	• Kit, Bladder Repair (See Group 30, Figure 04 for DET)	1
7		• Reducer	1
8		• Elbow, 90	1
9	801028	• Grommet, Accumulator	1
-10	71460	• Kit, Accumulator Charge (See Group 80, Figure 07 for REF)	Ref

DASH (-) ITEM NOT ILLUSTRATED



ACCUMULATOR BLADDER REPAIR KIT

C50HP
PARTS
GROUP 30
FIGURE 04
PAGE 01



REVISION:



ACCUMULATOR BLADDER REPAIR KIT

C50HP
PARTS
GROUP 30
FIGURE 04
PAGE 02

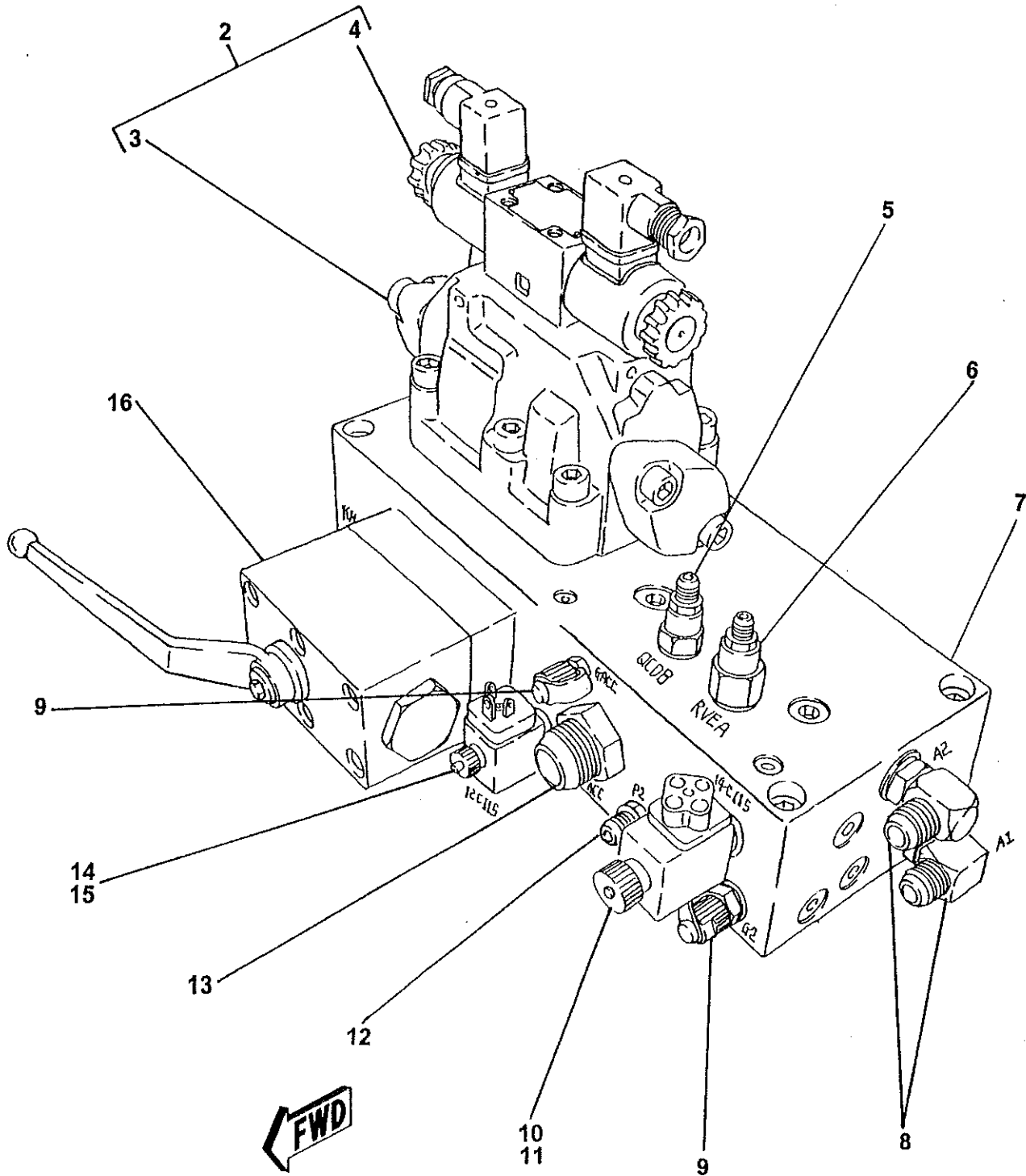
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-04	Kit, Bladder Repair (Also See Group 30, Figure 03 for NHA)	Ref
2		• Cap, Valve Seal	1
3		• O-Ring	1
4		• Core, Gas Valve	1
5	74516	• Bladder, 1 Gal	1
6	85812	• Kit, Bladder Seal	1
7		• • Ring, Flat	1
8		• • O-Ring	1
9		• Ring, Back Up	1

DASH (-) ITEM NOT ILLUSTRATED

REED

SWING TUBE CIRCUIT MANIFOLD ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 05
PAGE 01



REVISION:



SWING TUBE CIRCUIT MANIFOLD ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 05
PAGE 02

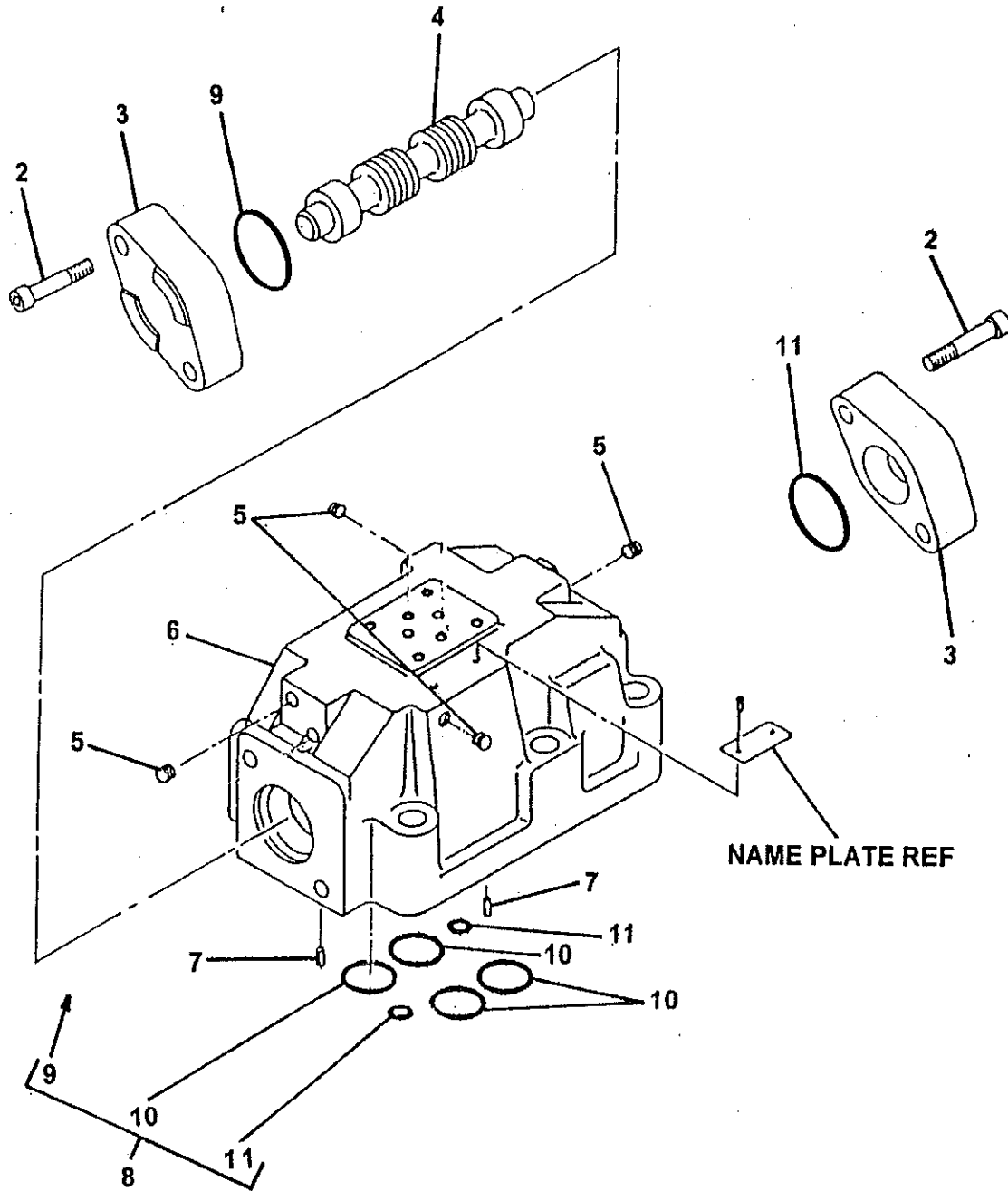
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85249	Assembly, Swing Tube Circuit Manifold (See Group 30, Figure 02 for NHA)					Ref
2	85693	• Assembly, Swing Tube Circuit Solenoid Valve					1
3	85694	• • Assembly, Swing Tube Circuit Main Solenoid Valve (See Group 30, Figure 06 for DET)					1
4	85695	• • Assembly, Swing Tube Circuit Pilot Solenoid Valve (See Group 30, Figure 07 for DET)					1
5	85704	• Cartridge, Unloader Valve					1
6	85703	• Cartridge, Relief Valve					1
7	86821	• Body, Swing Tube Circuit Manifold					1
8		• Elbow, 90					2
9	78593	• Port, Mini Check					2
10	85701	• Cartridge, SV4 Solenoid Valve					1
11	85702	• • Coil, SV4 Solenoid Valve Cartridge					1
12		• Fitting, STR					1
13		• Fitting, STR					1
14	85699	• Cartridge, SV3 Solenoid Valve					1
15	85700	• • Coil, SV3 Solenoid Valve Cartridge					1
16	85705	• Assembly, Ball Valve (See Group 30, Figure 08 for DET)					1

DASH (-) ITEM NOT ILLUSTRATED

REED

SWING TUBE CIRCUIT MAIN SOLENOID VALVE ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 06
PAGE 01



REVISION:

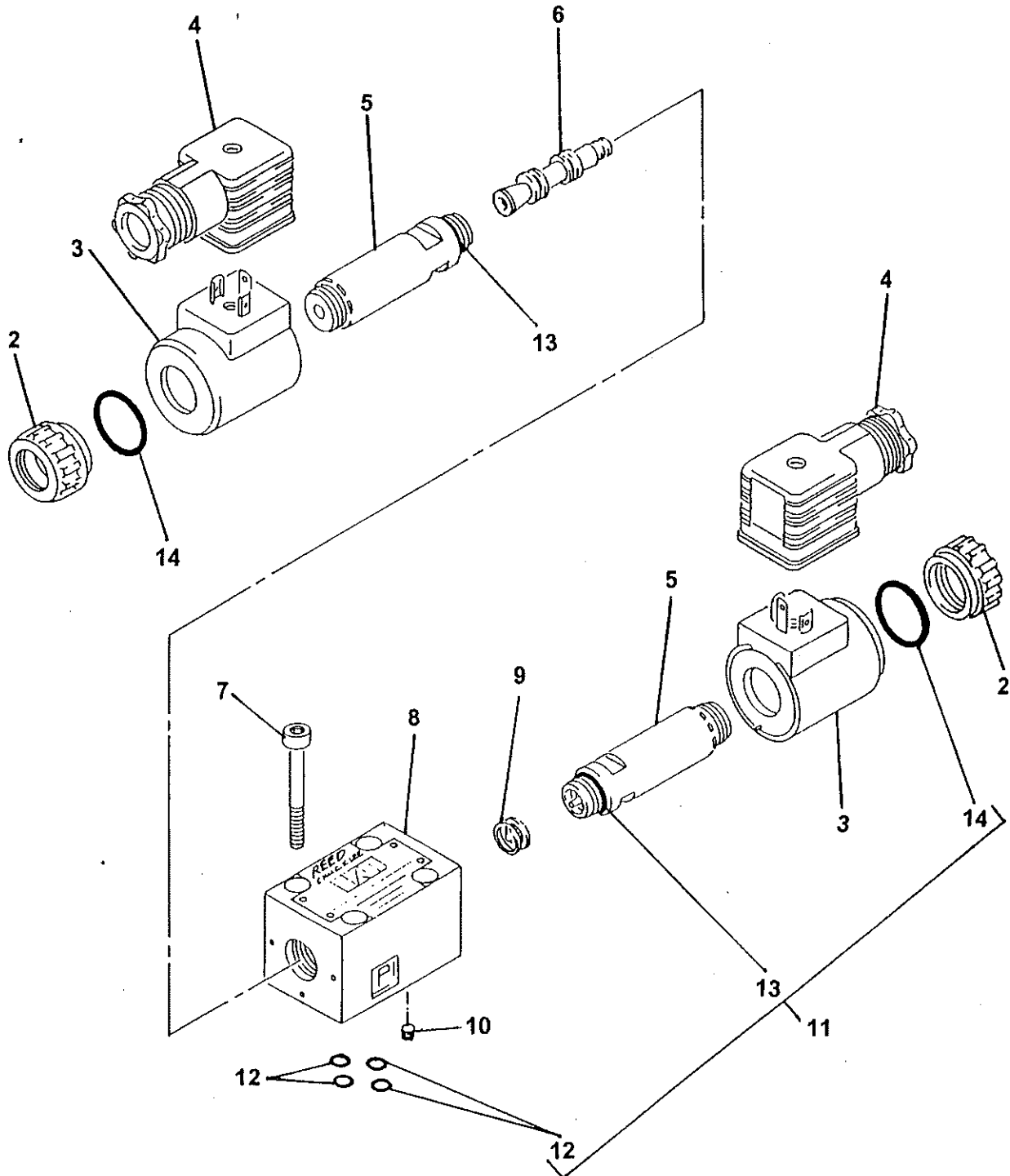
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85694	Assembly, Swing Tube Circuit Main Solenoid Valve (See Group 30, Figure 05 for NHA)					Ref
2		• Screw, SOC					4
3		• Cover					2
4		• Spool					1
5		• Plug					4
6		• Housing, Cartridge					1
7		• Pin, Grooved					2
8	74994	• Kit, Seal					1
9		• • O-Ring					2
10		• • O-Ring					4
11		• • O-Ring					2

DASH (-) ITEM NOT ILLUSTRATED

REED

SWING TUBE CIRCUIT PILOT SOLENOID VALVE ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 07
PAGE 01



REVISION:

REED**SWING TUBE CIRCUIT
PILOT SOLENOID VALVE ASSEMBLY****C50HP
PARTS
GROUP 30
FIGURE 07
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85695	Assembly, Swing Tube Circuit Pilot Solenoid Valve (See Group 30, Figure 05 for NHA)					Ref
2					• Cap, Coil	2	
3	85692				• Coil, Solenoid	2	
4	74597				• Connector, Plug	2	
5					• Amature	2	
6					• Spool	1	
7					• Screw, SOC	4	
8					• Housing, Solenoid Valve	1	
9					• Detent	1	
10					• Orifice	1	
11	72313				• Kit, O-ring	1	
12					• • O-Ring	4	
13					• • O-ring	2	
14					• • O-ring	2	

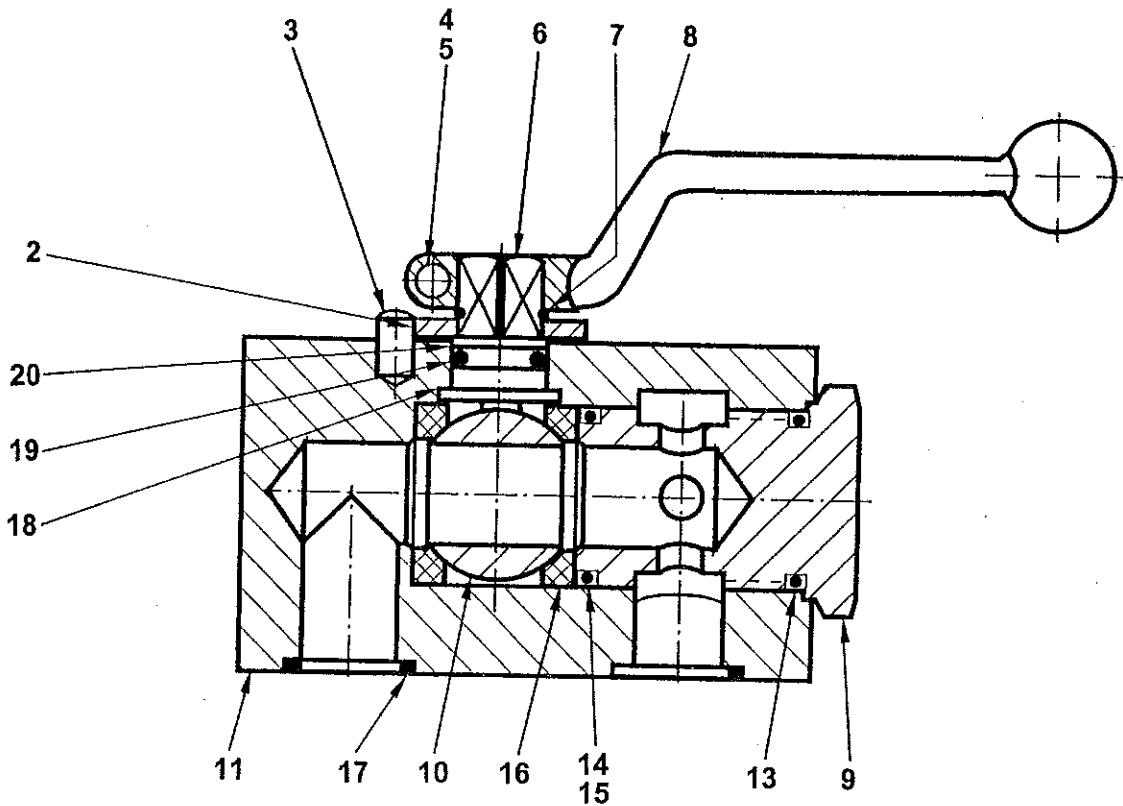
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



BALL VAVE ASSEMBLY

C50HP
PARTS
GROUP 30
FIGURE 08
PAGE 01



ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85705	Assembly, Ball Valve (See Group 30, Figure 05 for NHA)	Ref
2		• Washer, Limit	1
3		• Pin, Stop	1
4		• Bolt, Hex	1
5		• Nut, Hex	1
6		• Handle, Control	1
7		• Spindle, Control	1
8		• Retainer, Spring	1
9		• Plug	1
10		• Ball	1
11		• Housing	1
-12		• Kit, Seal	1
13		• • O-Ring	1
14		• • O-Ring	1
15		• • Ring, Back Up	1
16		• • Seal, Bowl	2
17		• • O-Ring	1
18		• • Washer, Thrust	1
19		• • O-Ring	1
20		• • Ring, Back Up	1

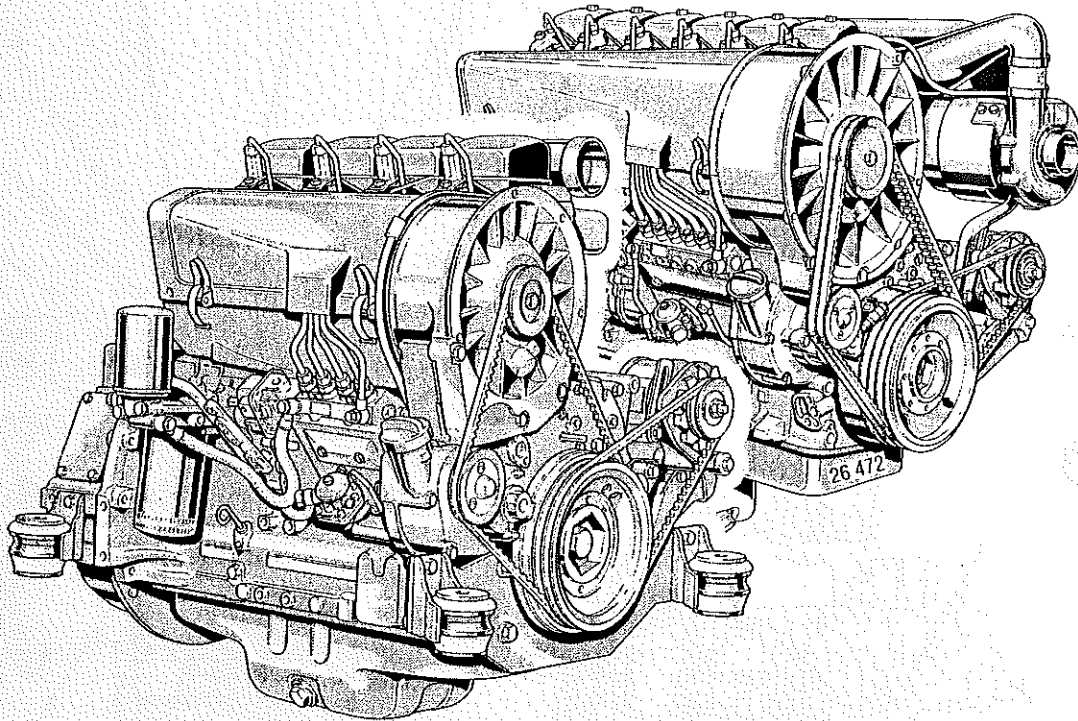
DASH (-) ITEM NOT ILLUSTRATED

REED

TRAILER MOUNTED PUMP MODEL *C50HP*
ILLUSTRATED PARTS MANUAL

C50HP
PARTS
GROUP 30
FIGURE 09
PAGE 01

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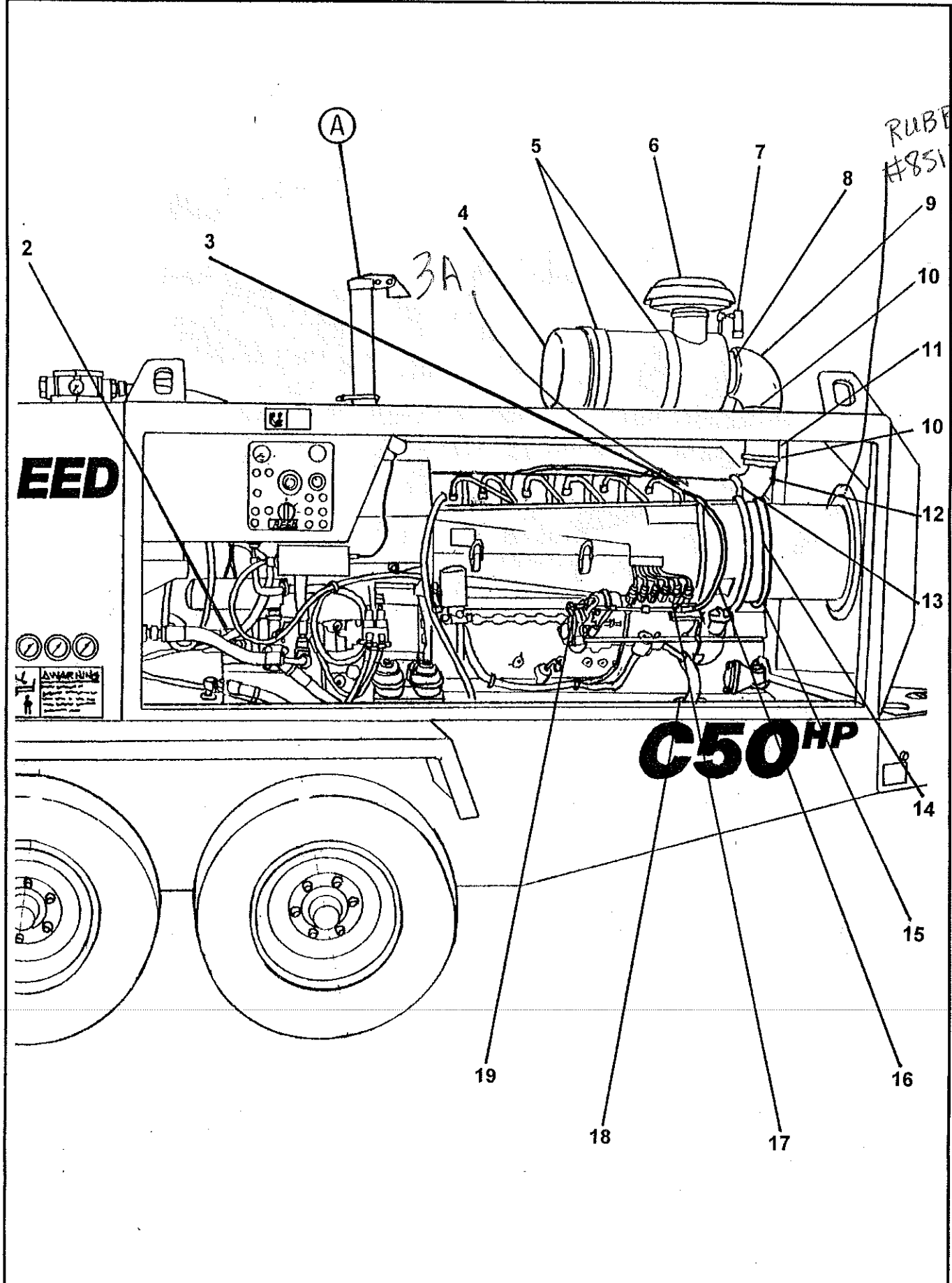
REED TRAILER MOUNTED CONCRETE PUMP MODEL **C50HP** ILLUSTRATED PARTS MANUAL GROUP 40 POWER TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:

- | | |
|------------------|---|
| FIGURE 00 | TABLE OF CONTENTS |
| FIGURE 01 | POWER TRAIN INSTALLATION |
| FIGURE 02 | POWER TRAIN ASSEMBLY |
| FIGURE 03 | DOUBLE AUXILIARY PUMP ASSEMBLY |
| FIGURE 04 | SINGLE AUXILIARY PUMP ASSEMBLY (OPTIONAL) |
| FIGURE 06 | HOT OIL SHUTTLE ASSEMBLY |
| FIGURE 06 | MAIN HYDRAULIC PUMP ASSEMBLY |
| FIGURE 07 | BATTERY MOUNTING ASSEMBLY |



POWER TRAIN INSTALLATION

C50HP
PARTS
GROUP 40
FIGURE 01
PAGE 01



ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	40-01	Installation, Power Train (See Group 10, Figure 01 and Figure 02 for NHA)					Ref
2	85307	• Assembly, Power Train (See Group 40, Figure 02 for DET)					1
3	77486	• Sleeve, Intake <i>RUBBER</i>					1
4	73485	• Cleaner, Air					1
4A	73584	Element					1
5	77343	• Clamp, Air Cleaner Mount					2
6	73486	• Hood, Air Cleaner -					1
7	78298	• Indicator, Vacuum gauge					1
8	78000	• Clamp					1
9	73487	• Elbow, Rubber					1
10	77477	• Clamp, Voss					2
11	69358	• Pipe, Alum Stack					1
12	73479	• Elbow					1
13	73532	• Clamp, T Server					1
14	85433	• Ring, Air Intake					1
15	85422	• Ring, Air Guide Brush					1
16	73313	• Cable, Throttle Control					1
17	71009	• U-Clip, Throttle Cable					1
18	76951	• Filter, Water Separator					1
-18A	79794	• • Element, Water Separator Filter					1
19	71020	• Ends, Yoke					1
20	73475	• Cap, Rain					1
21	77255	• Pipe, Exhaust Stack					1
22	77258	• Clamp					2
23	73426	• Reducer, Exhaust Pipe					1
24	40-07	• Assembly, Battery Mounting (See Group 40, Figure 06 for DET)					1
-25	85399	• Assembly, Engine Wiring Harness (See Schematic Section for REF)					1

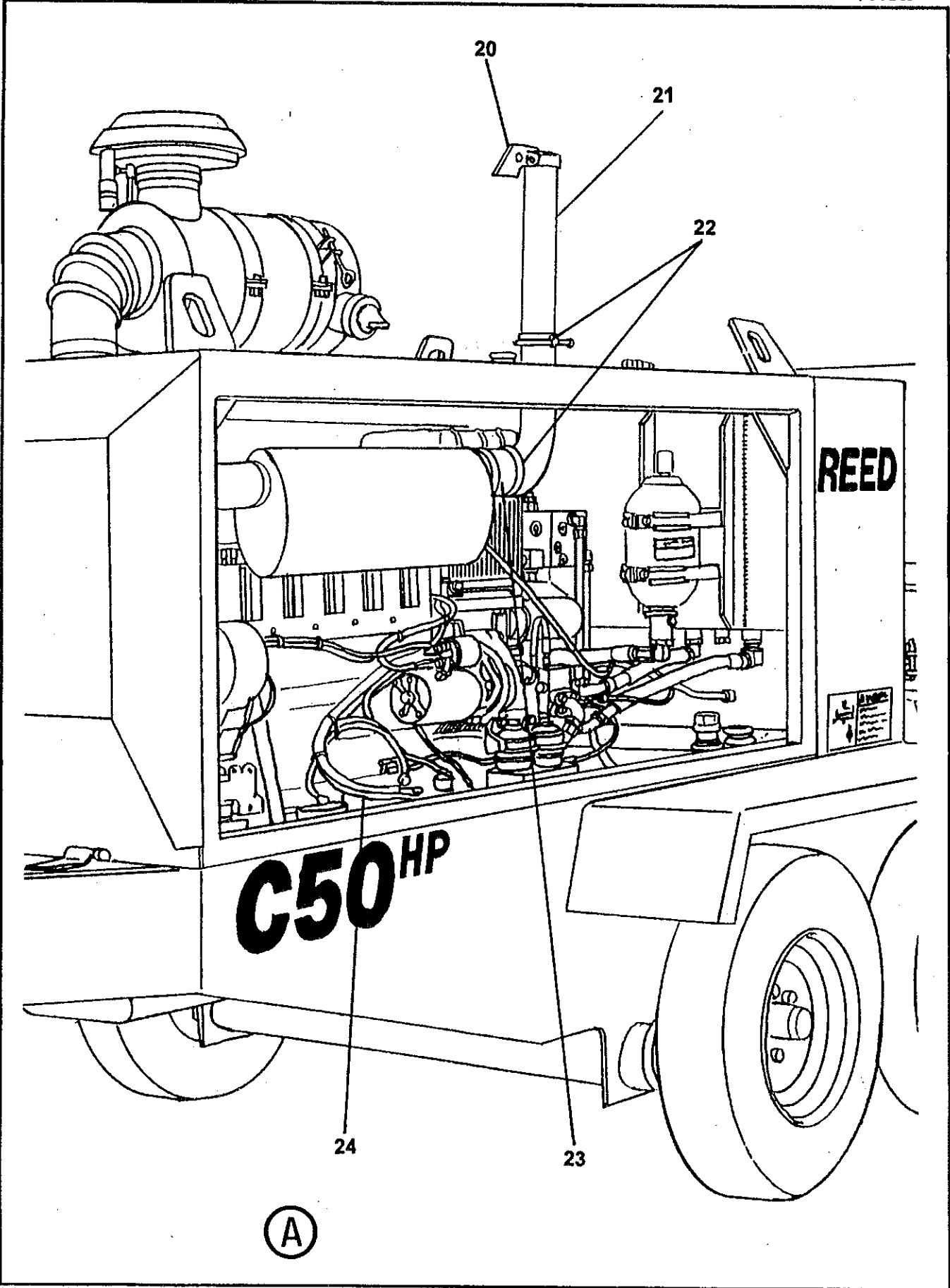
DASH (-) ITEM NOT ILLUSTRATED

3A 85876 STEEL SLEEVE, INTAKE



POWER TRAIN INSTALLATION

C50HP
PARTS
GROUP 40
FIGURE 01
PAGE 03



REVISION:

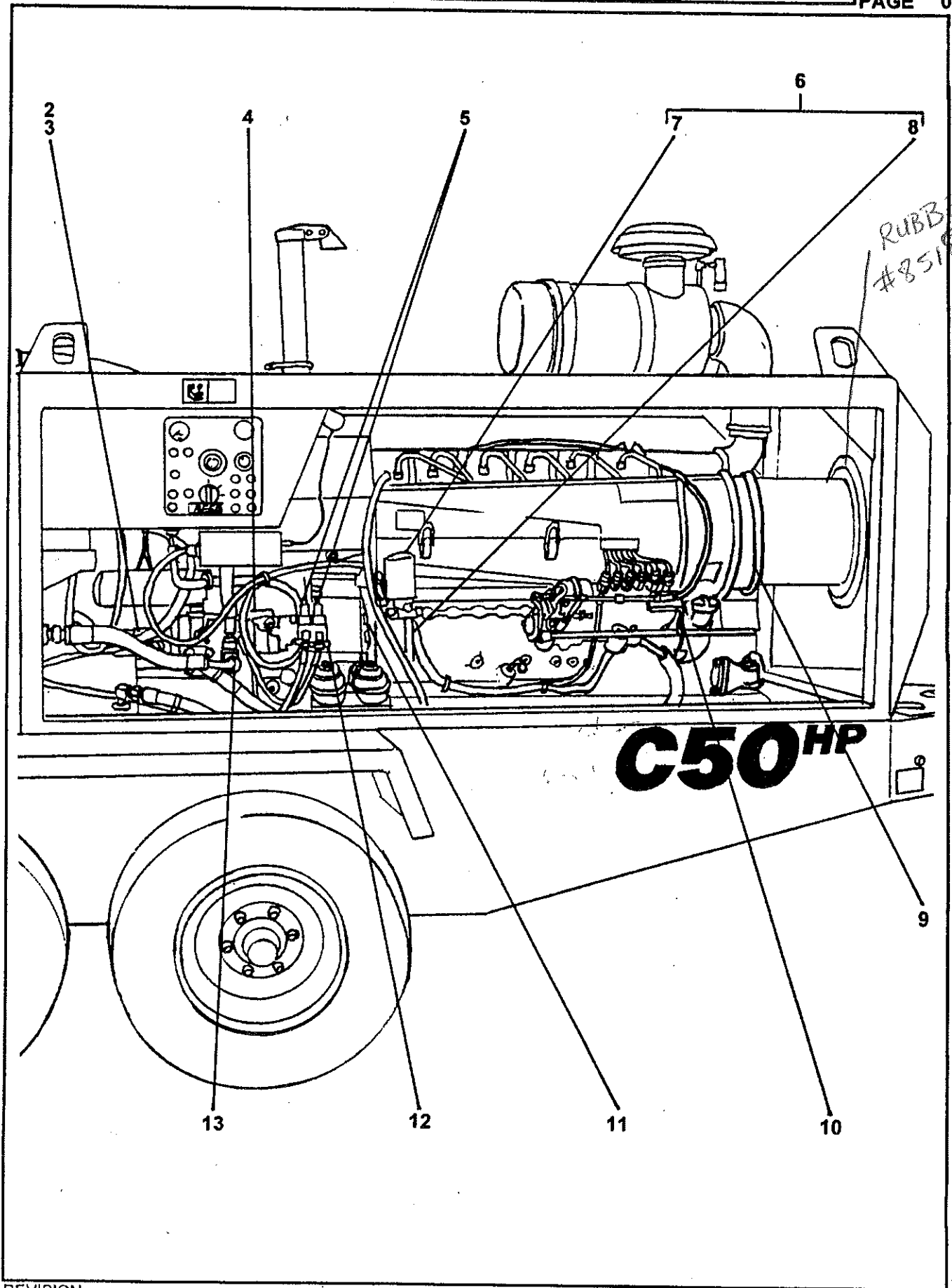
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	40-01	Installation, Power Train (See Group 10, Figure 01 and Figure 02 for NHA)					Ref
2	85307	• Assembly, Power Train (See Group 40, Figure 02 for DET)					1
3	77486	• Sleeve, Intake					1
4	73485	• Cleaner, Air					1
5	77343	• Clamp, Air Cleaner Mount					2
6	73486	• Hood, Air Cleaner					1
7	78298	• Indicator, Vaccum gauge					1
8	78000	• Clamp					1
9	73487	• Elbow, Rubber					1
10	77477	• Clamp, Voss					2
11	69358	• Pipe, Alumn Stack					1
12	73479	• Elbow					1
13	73532	• Clamp, T Server					1
14	85433	• Ring, Air Intake					1
15	85422	• Ring, Air Guide Brush					1
16	73313	• Cable, Throttle Control					1
17	71009	• U-Clip, Throttle Cable					1
18	76951	• Filter, Water Separator					1
-18A	79794	• • Element, Water Separator Filter					1
19	71020	• Ends, Yoke					1
20	73475	• Cap, Rain					1
21	86495	• Pipe, Exhaust Stack					1
22	77258	• Clamp					2
23	73426	• Reducer, Exhaust Pipe					1
24	40-07	• Assembly, Battery Mounting (See Group 40, Figure 06 for DET)					1
-25	85399	• Assembly, Engine Wiring Harness (See Schematic Section for REF)					1

DASH (-) ITEM NOT ILLUSTRATED



POWER TRAIN ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 02
PAGE 01



RUBBER BEAD
#85186 FT
BY THE

C50HP

REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85307	Assembly, Power Train (See Group 40, Figure 01 for NHA)	Ref
2	73156	• Assembly, Double Auxilliary Pump (See Group 40, Figure 03 for DET)	1
3	72978	• Assembly, Single Auxilliary Pump (Optional Item) (See Group 40, Figure 04 for NHA)	1
4	72980	• Assembly, Hot Oil Shuttle (See Group 40, Figure 05 for DET)	1
5	800074	• Limitter, Remote Pressure	2
6	71150	• Assembly, C50HP Deutz Engine (See Vendor Section, Figure 01 for REF)	1
7	74501	• • Element, Fuel Filter	1
8	71156	• • Element, Engine Oil Filter	1
9	76923	• Ring, Air Brush	1
10	73848	• Bracket, Throttle	1
11	73948	• Assembly, Flywheel Coupling	1
12	72128	• Bracket, Remote Pressure Limitter	1
13	75864	• Assembly, C50HP Main Pump (See Group 40, Figure 06 for DET) (Also See Vendor Section, Figure 02 for REF)	1
-14	85887	• Valve, Shuttle	1

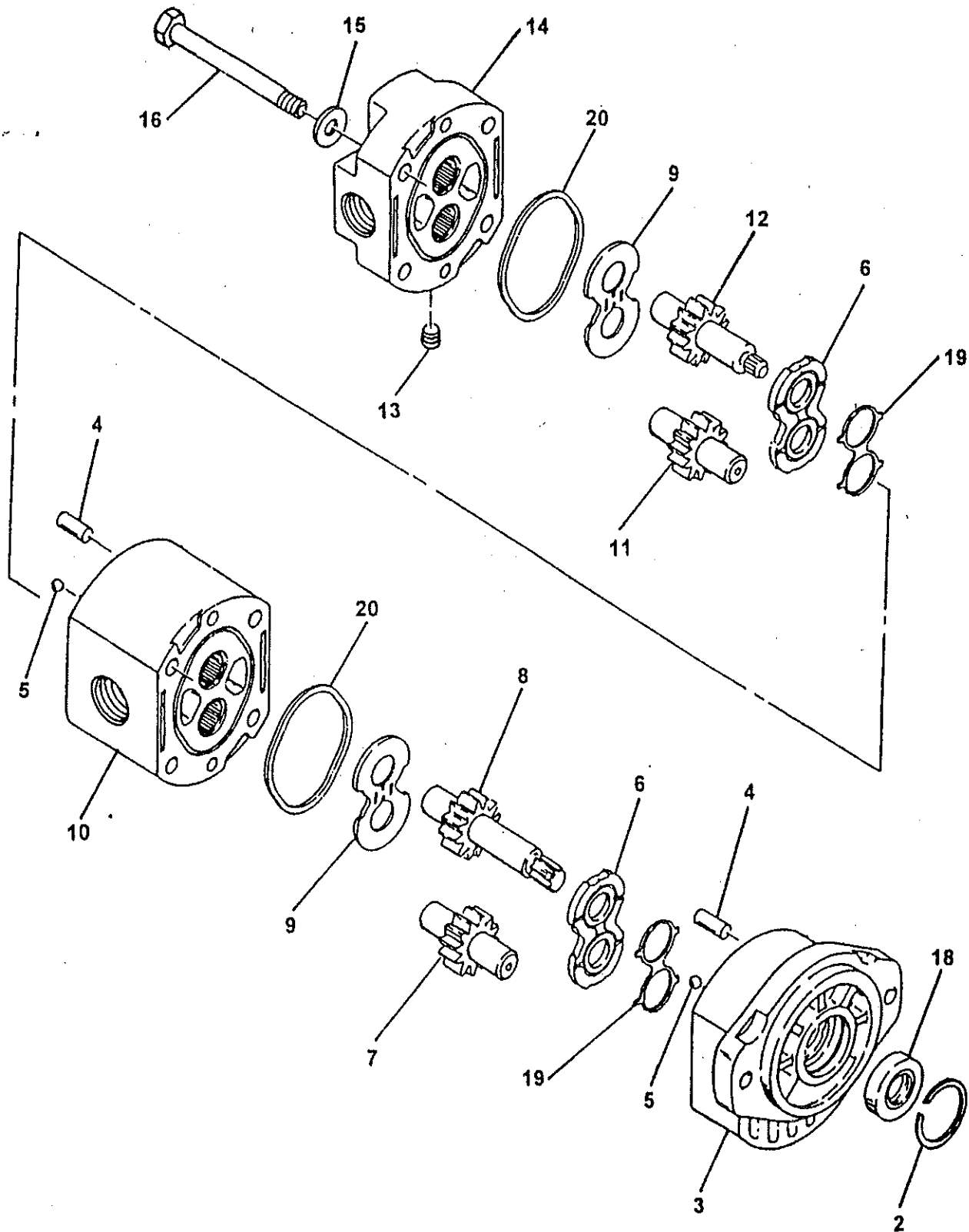
DASH (-) ITEM NOT ILLUSTRATED

85570 FUEL CAP

REED

DOUBLE AUXILIARY PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 03
PAGE 01



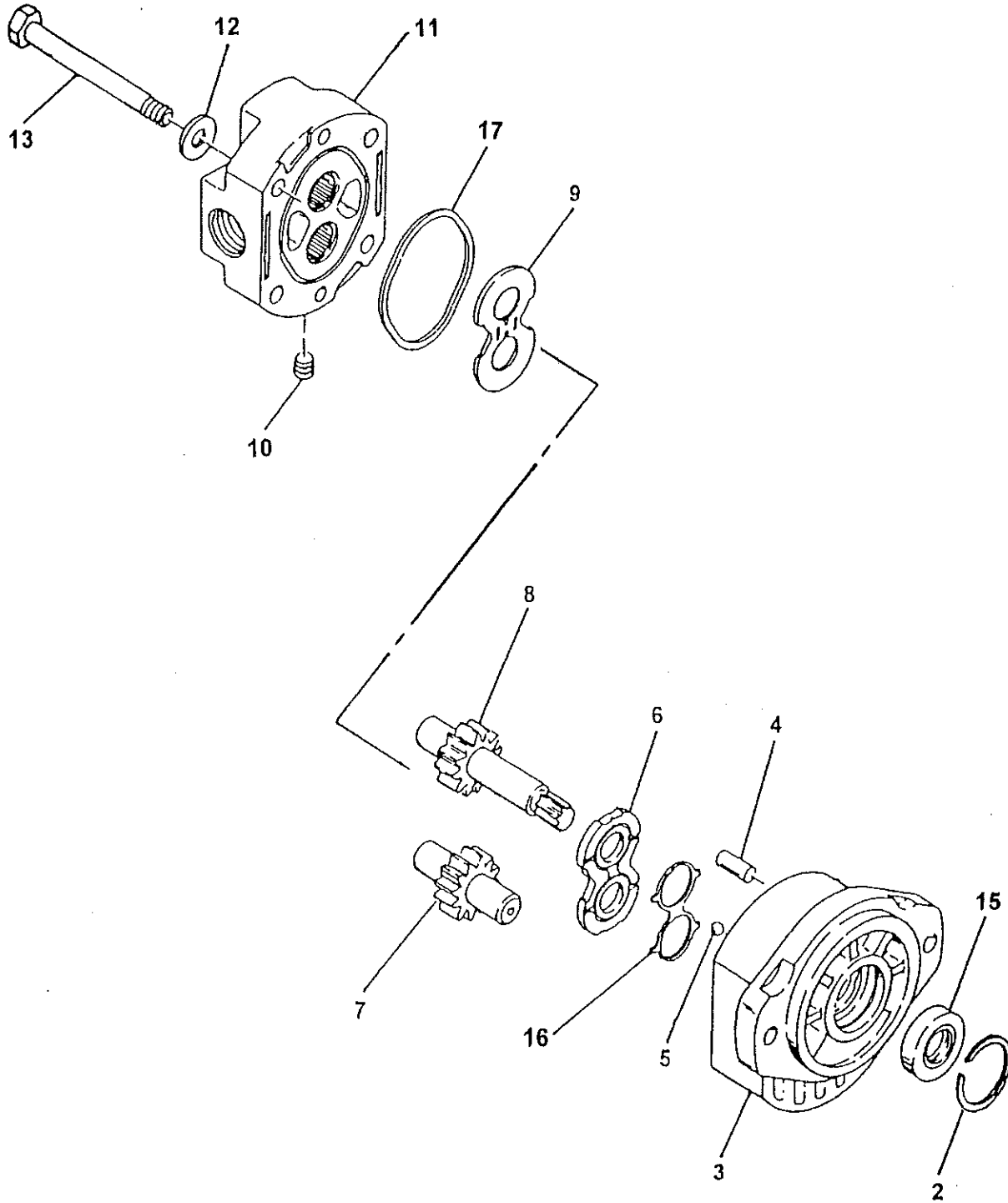
REVISION:

REED**DOUBLE AUXILIARY PUMP ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 03
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	73156	Assembly Double Auxiliary Pump (See Group 40, Figure 02 for NHA)					Ref
2					• Retainer	1	
3					• Assembly, Body	1	
4					• Pin, Dowel	4	
5					• Bearing, Ball	4	
6					• Plate, Wear	2	
7					• Gear, Driven	1	
8					• Gear, Drive	1	
9					• Plate, Thrust	2	
10					• Assembly, Middle Body	1	
11					• Gear, Rear Driven	1	
12					• Cover, Rear Drive	1	
13					• Plug, Pipe	1	
14					• Assembly, Cover	1	
15					• Washer, Flat (attaching parts)	4	
16					• Screw, Hex (attaching parts)	4	
-17	79598				• Kit, Seal	1	
18					• • Seal, Shaft	1	
19					• • Rubber, Space	2	
20					• • Ring, Square Cut	2	

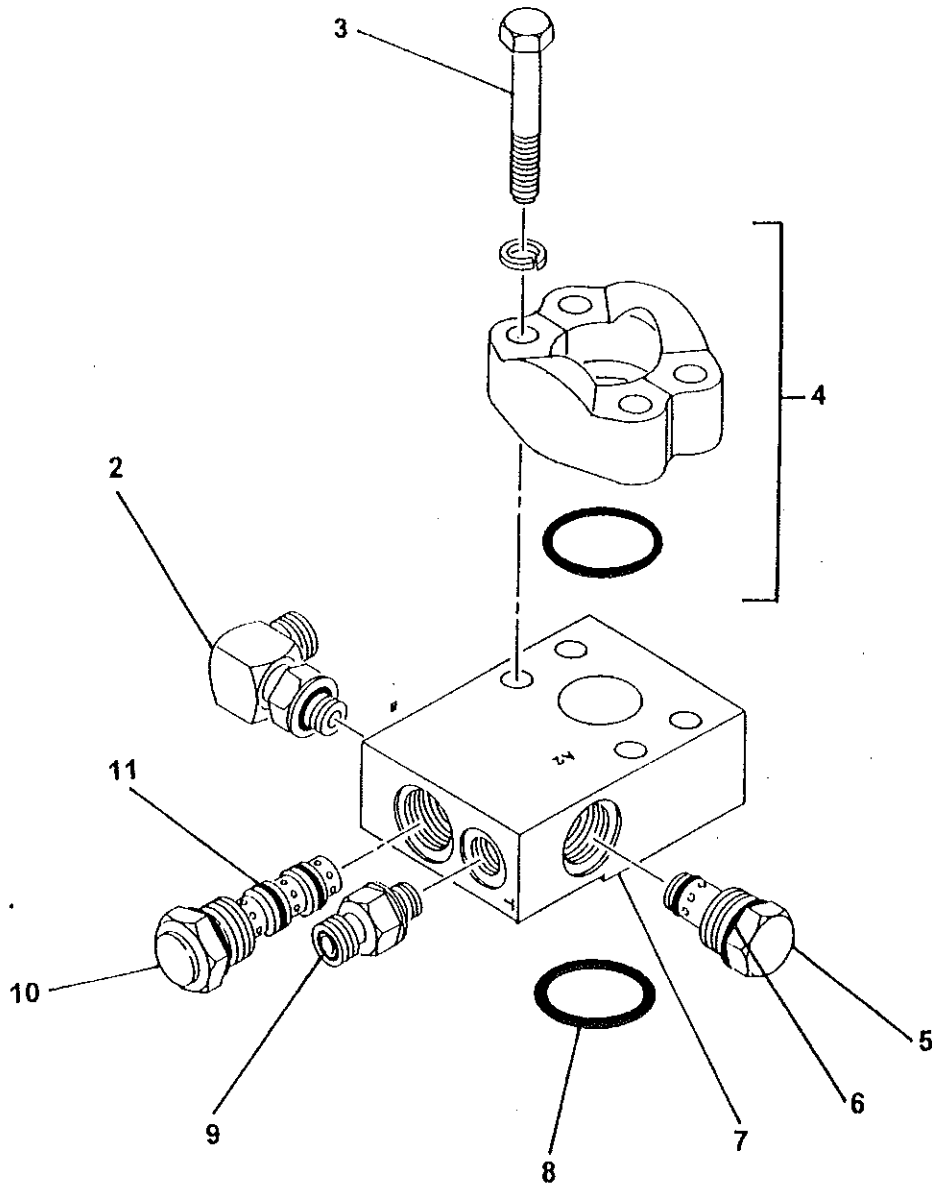
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	72978	Assembly, Single Auxiliary Pump (See Group 40, Figure 02 for NHA)					Ref
2		• Retainer					1
3		• Assembly, Body					1
4		• Pin, Dowel					2
5		• Bearing, Ball					2
6		• Plate, Wear					1
7		• Gear, Driven					1
8		• Gear, Drive					1
9		• Plate, Thrust					2
10		• Plug, Pipe					1
11		• Assembly, Cover					1
12		• Washer, Flat (attaching parts)					4
13		• Screw, Hex (attaching parts)					4
-14	72978SK	• Kit, Seal					1
15		• • Seal, Shaft					1
16		• • Rubber, Space					1
17		• • Ring, Square Cut					1

DASH (-) ITEM NOT ILLUSTRATED





HOT OIL SHUTTLE ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	72980	Assembly, Hot Oil Shuttle (See Group 40, Figure 02 for NHA)	Ref
2		• Fitting, 90	1
3		• Bolt, Hex	4
4		• Kit, Flange	1
5	* 73157	• Cartridge, Check Valve	1
6	73251	• • Kit, Check Valve Cartridge Seal	1
7	73146	• Manifold, Hot Oil Shuttle	1
8		• • O-Ring	1
9		• Filter, STR FS6400-6-6	1
10	* 73185	• Cartridge, Hot Oil Shuttle	1
11	73204	• • Kit, Hot Oil Shuttle Cartridge Seal	1

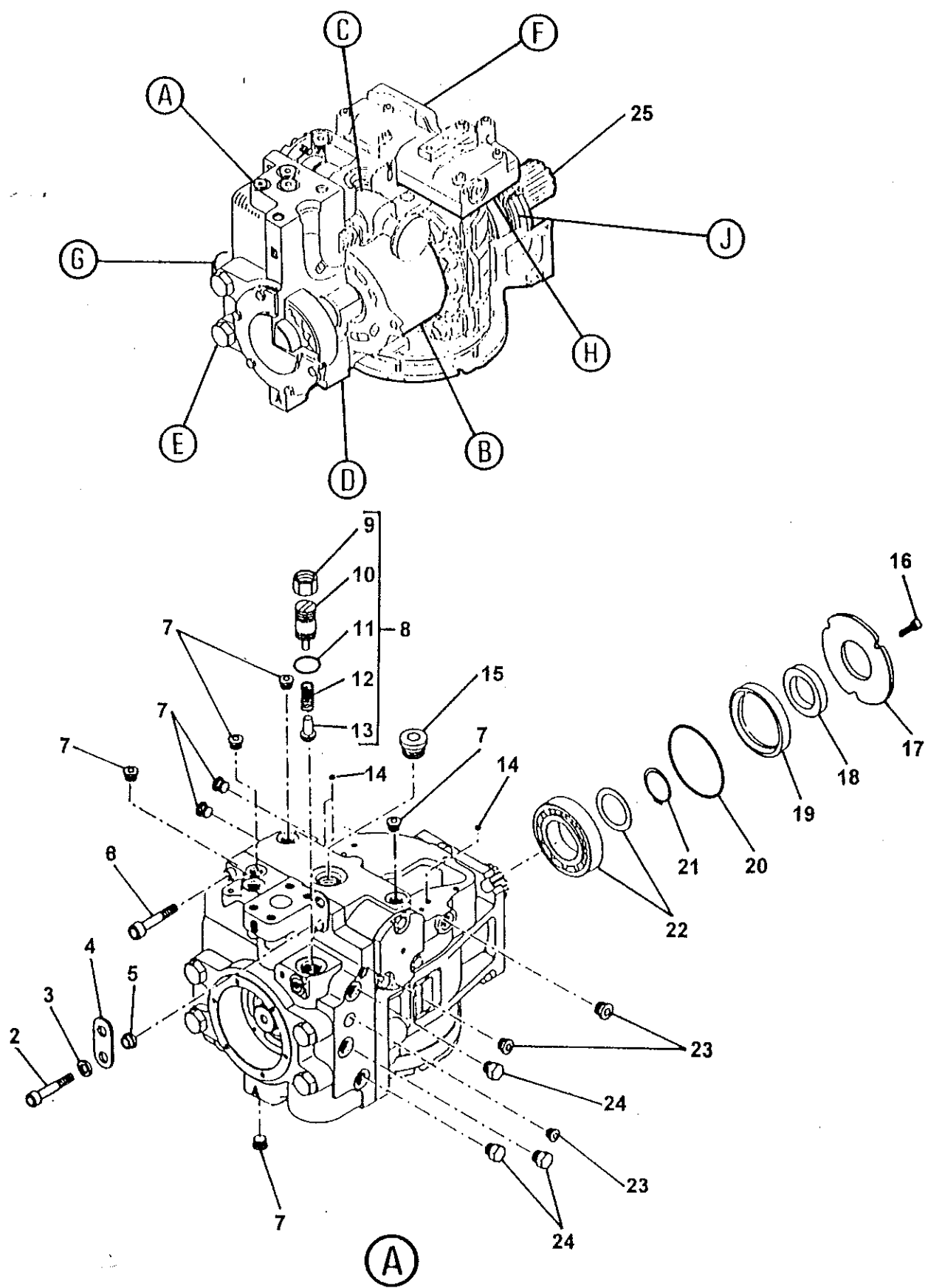
DASH (-) ITEM NOT ILLUSTRATED

& STEEL OR ALUMINUM?



MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 01

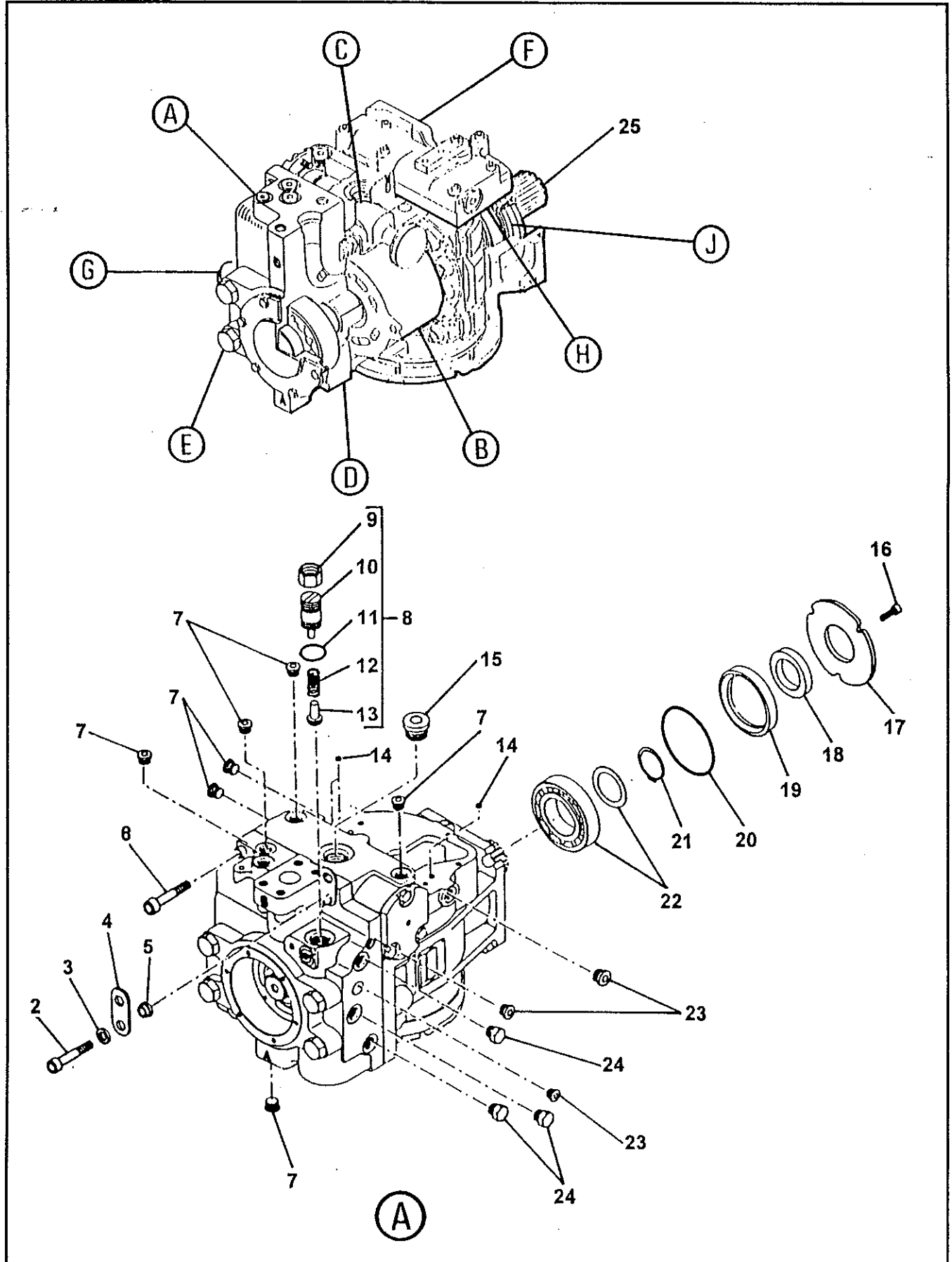


REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	72980	Assembly, Hot Oil Shuttle (See Group 40, Figure 02 for NHA)	Ref
2		• Fitting, 90	1
3		• Bolt, Hex	4
4		• Kit, Flange	1
5	73157	• Cartridge, Check Valve	1
6	73251	• • Kit, Check Valve Cartridge Seal	1
7	73146	• Manifold, Hot Oil Shuttle	1
8		• • O-Ring	1
9		• Filter, STR FS6400-6-6	1
10	73185	• Cartridge, Hot Oil Shuttle	1
11	73204	• • Kit, Hot Oil Shuttle Cartridge Seal	1

DASH (-) ITEM NOT ILLUSTRATED

MAIN HYDRAULIC PUMP ASSEMBLY



REVISION:

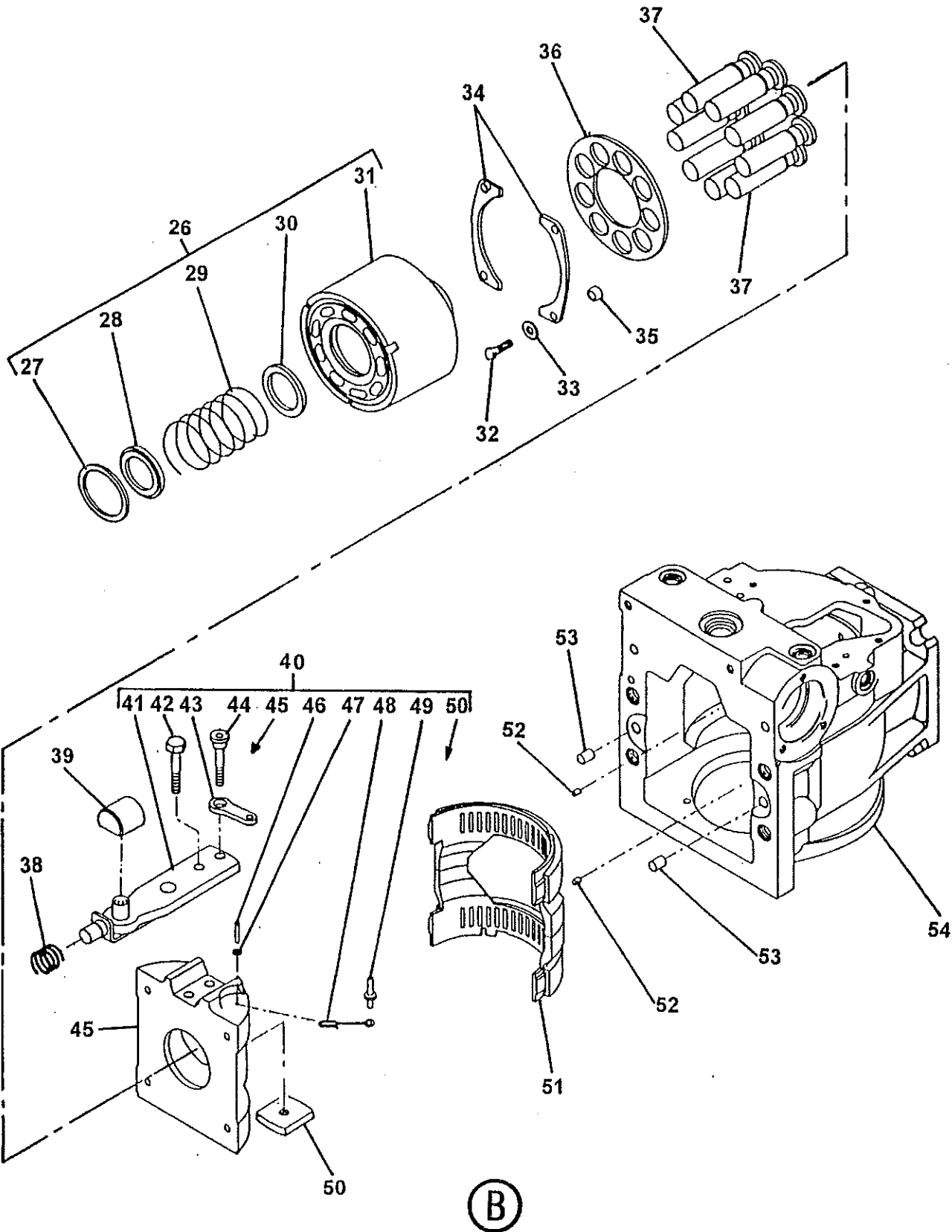
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	75864	Assembly, Main Hydraulic Pump (See Group 40, Figure 02 for NHA)					Ref
2		• Screw					1
3		• Washer					1
4		• Bracket, Lifting					1
5		• Spacer					1
6		• Screw					1
7		• Plug					7
8		• Kit, Adjustment Charge Relief					1
9		• • Nut					1
10		• • Assembly, Plug					1
11		• • O-Ring					1
12		• • Spring					1
13		• • Puppet					1
14		• Screen, Control Filter					3
15		• Plug					1
16		• Screw					3
17		• Plate, Retainer					1
18		• Seal, Lip					1
19		• Carrier, Seal					1
20		• O-Ring					1
21		• Ring, Retaining					1
22		• Bearing, Roller					1
23		• Plug					3
24		• Plug					3
25		• Shaft, 13T					1

DASH (-) ITEM NOT ILLUSTRATED

REED

MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 03

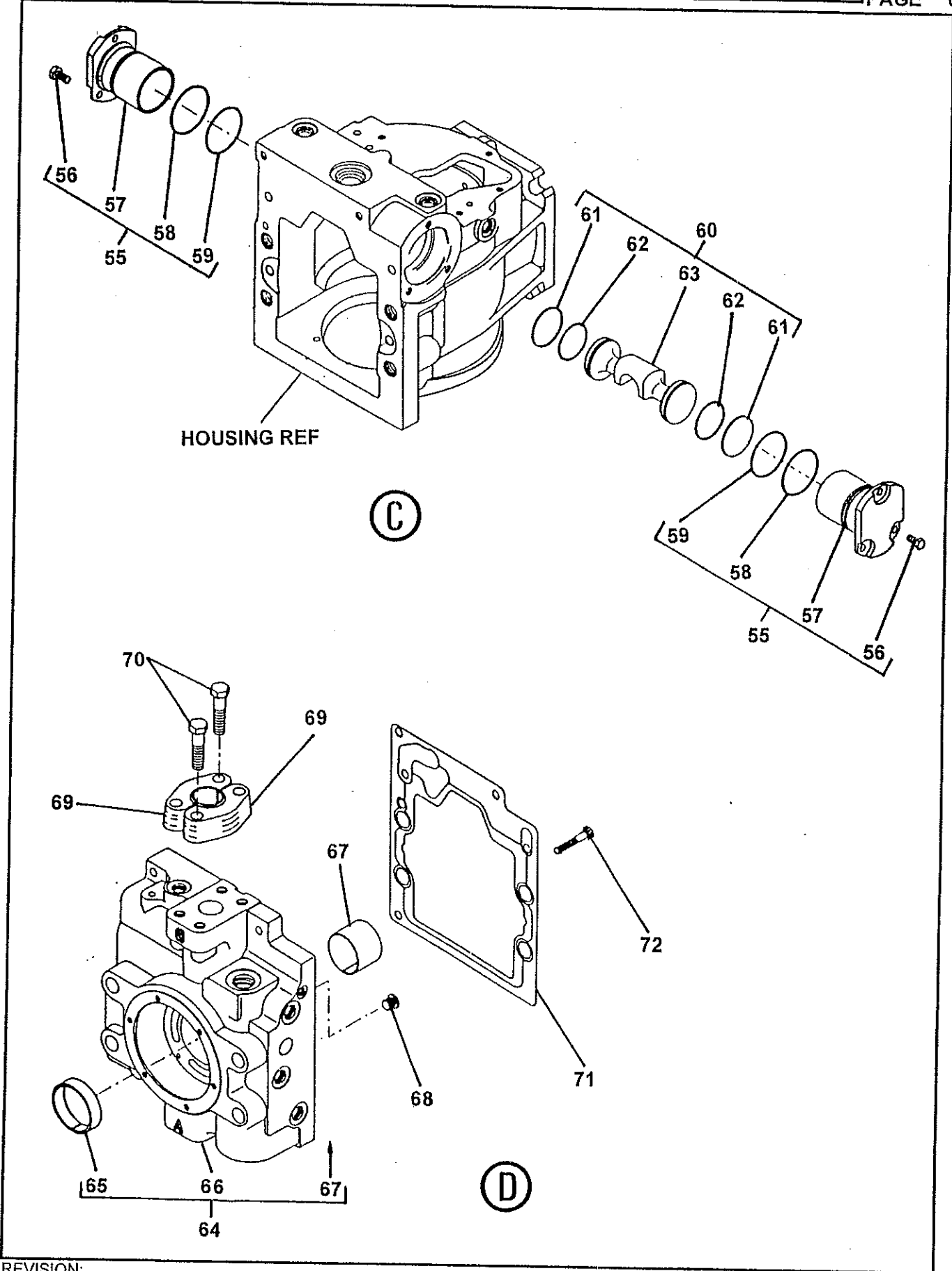


REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
26		• Kit, Cylinder Block					1
27		• • Ring, Retaining					1
28		• • Retainer, Spring					1
29		• • Spring, Cylinder Block					1
30		• • Seat, Spring					1
31		• • Assembly, Cylinder					1
32		• Screw					4
33		• Washer					4
34		• Guide, Slipper Brg					1
35		• Spacer					1
36		• Guide, Slipper					4
37		• Piston, Welded					9
38		• Spring					1
39		• Block, Slider					1
40		• Assembly, Swash plate					1
41		• • Assembly, Servo Arm					1
42		• • Screw					1
43		• • Link, Feedback					1
44		• • Screw					1
45		• • Swash plate					1
46		• • Pin, Sprirl Head					1
47		• • Washer					1
48		• • Link, Cage Locator					1
49		• • Pin					1
50		• • Guide, Swash plate					1
51		• Bearing					1
52		• Pin					2
53		• Pin					2
54		• Housing, Variable					1

DASH (-) ITEM NOT ILLUSTRATED

MAIN HYDRAULIC PUMP ASSEMBLY



REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP****PARTS**

GROUP 40

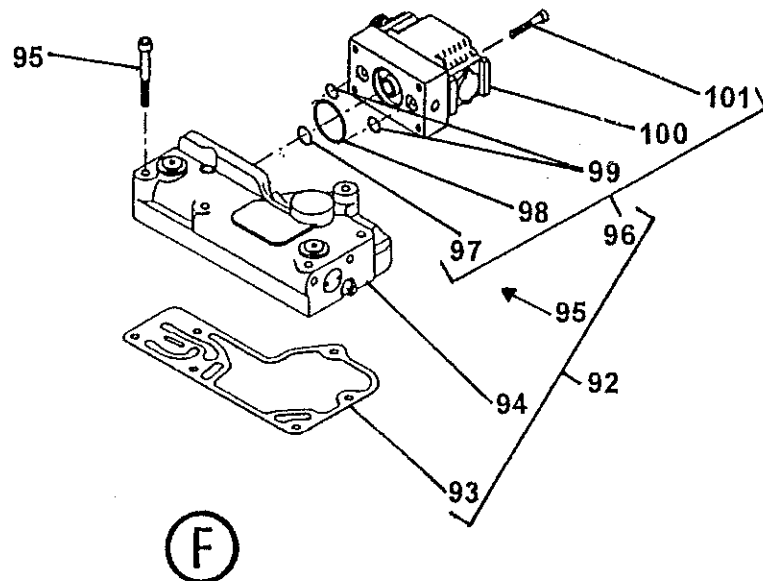
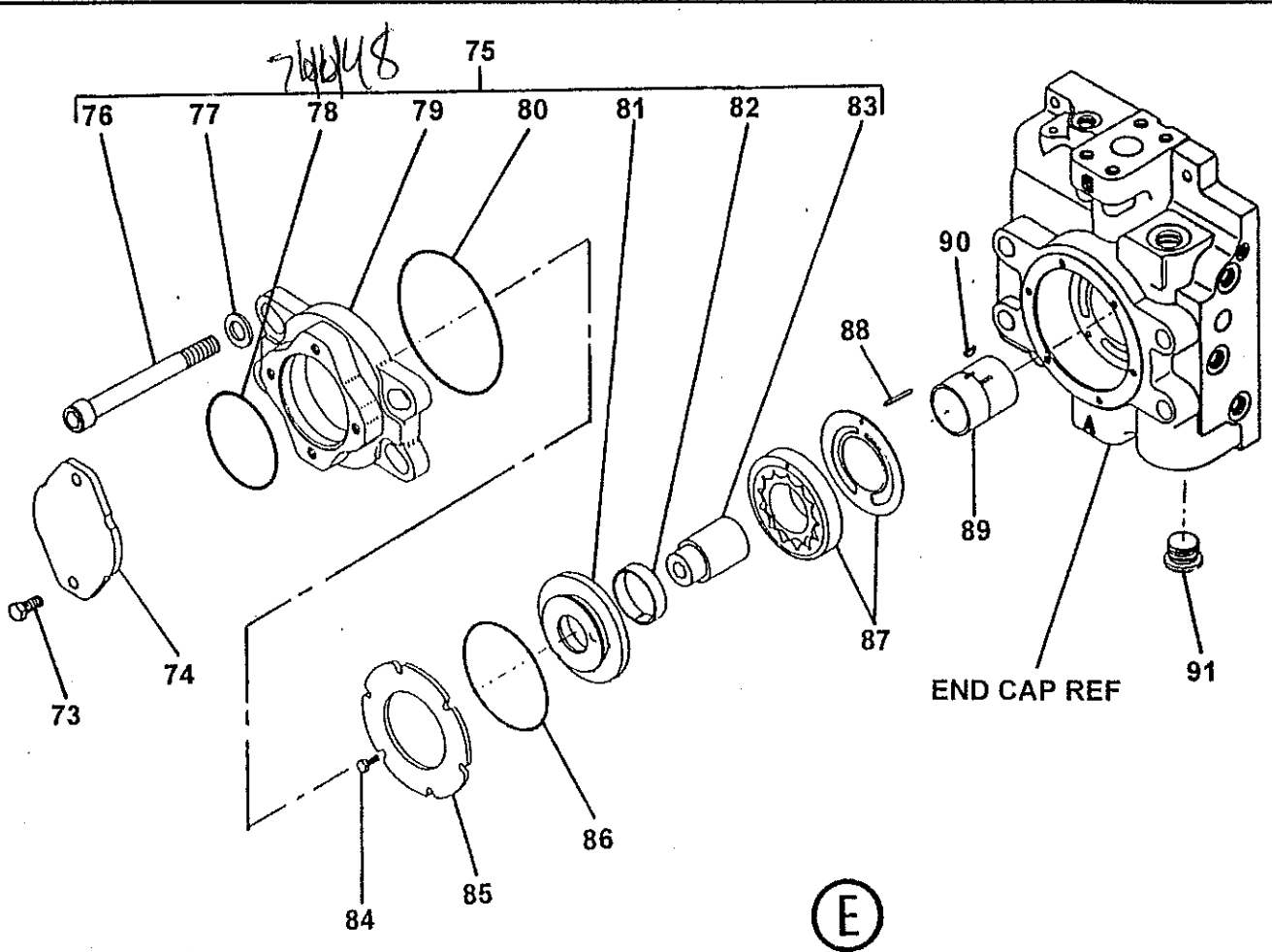
FIGURE 06

PAGE 06

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
55		• Kit, Servo Sleeve					2
56		• • Screw					3
57		• • Sleeve, Servo					1
58		• • O-Ring					1
59		• • O-Ring					1
60		• Kit, Servo Piston					1
61		• • Ring, Piston					2
62		• • O-Ring					2
63		• • Piston, Servo					1
64		• Kit, Side Port End Cap					1
65		• • Bushing					1
66		• • Cap, End					1
67		• • Bearing, Journal					1
68		• Plug					1
69		• Clamp, Split					4
70		• Screw					4
71		• Gasket, End Cap					1
72		• Screw					1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 08**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
73		•					2
74		•					1
75		•					1
76		••					4
77		••					4
78	74448	••					1
79		••					1
80		••					1
81		••					1
82		•••					1
83		••					1
84		•					6
85		•					1
86		•					1
87		•					1
88		•					1
89		•					1
90		•					1
91		•					1
92		•					1
93		••					1
94		••					1
95		••					6
96		••					1
97		•••					1
98		•••					1
99		•••					2
100	77040	•••					1
101		•••					4

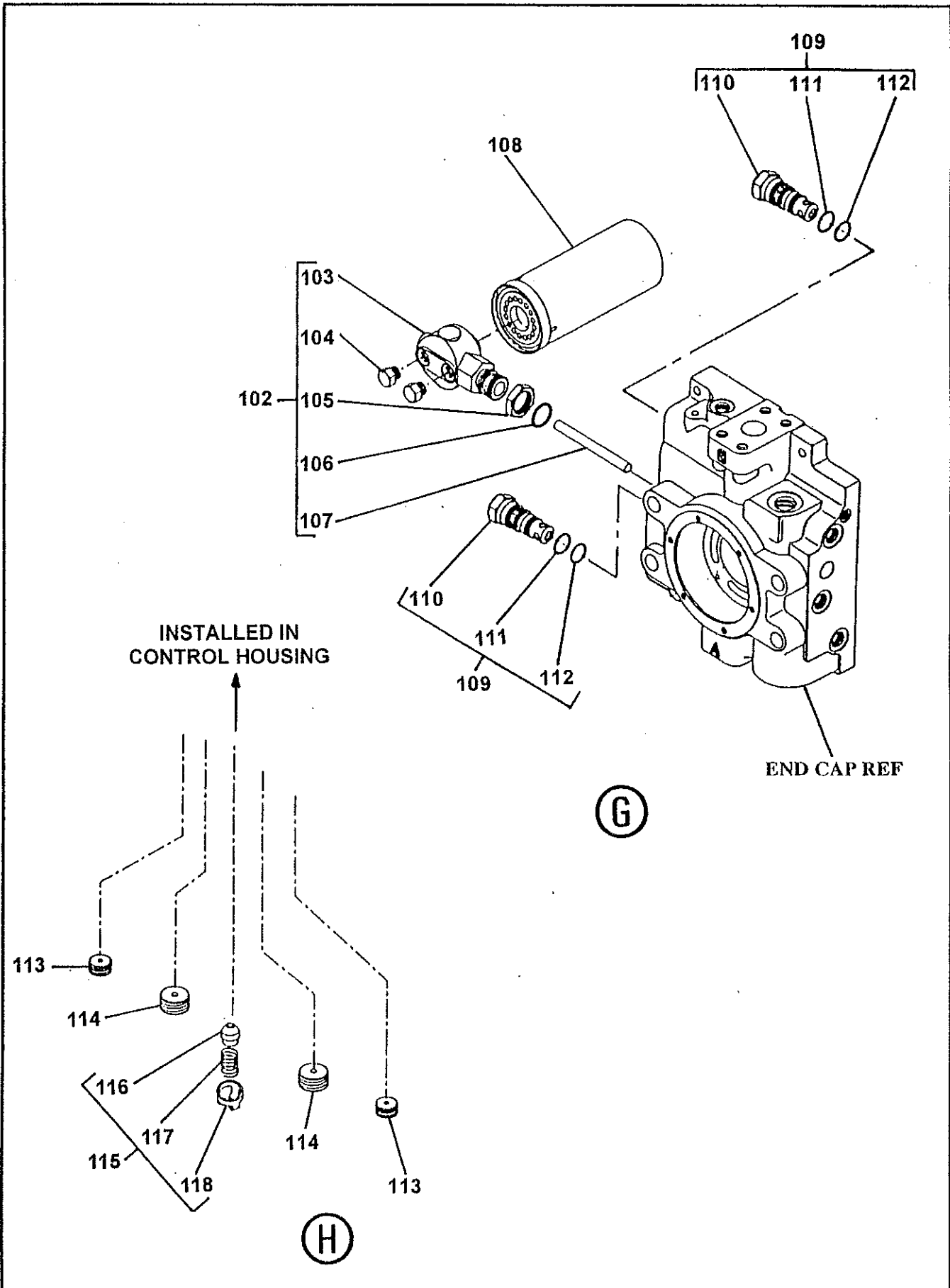
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 09

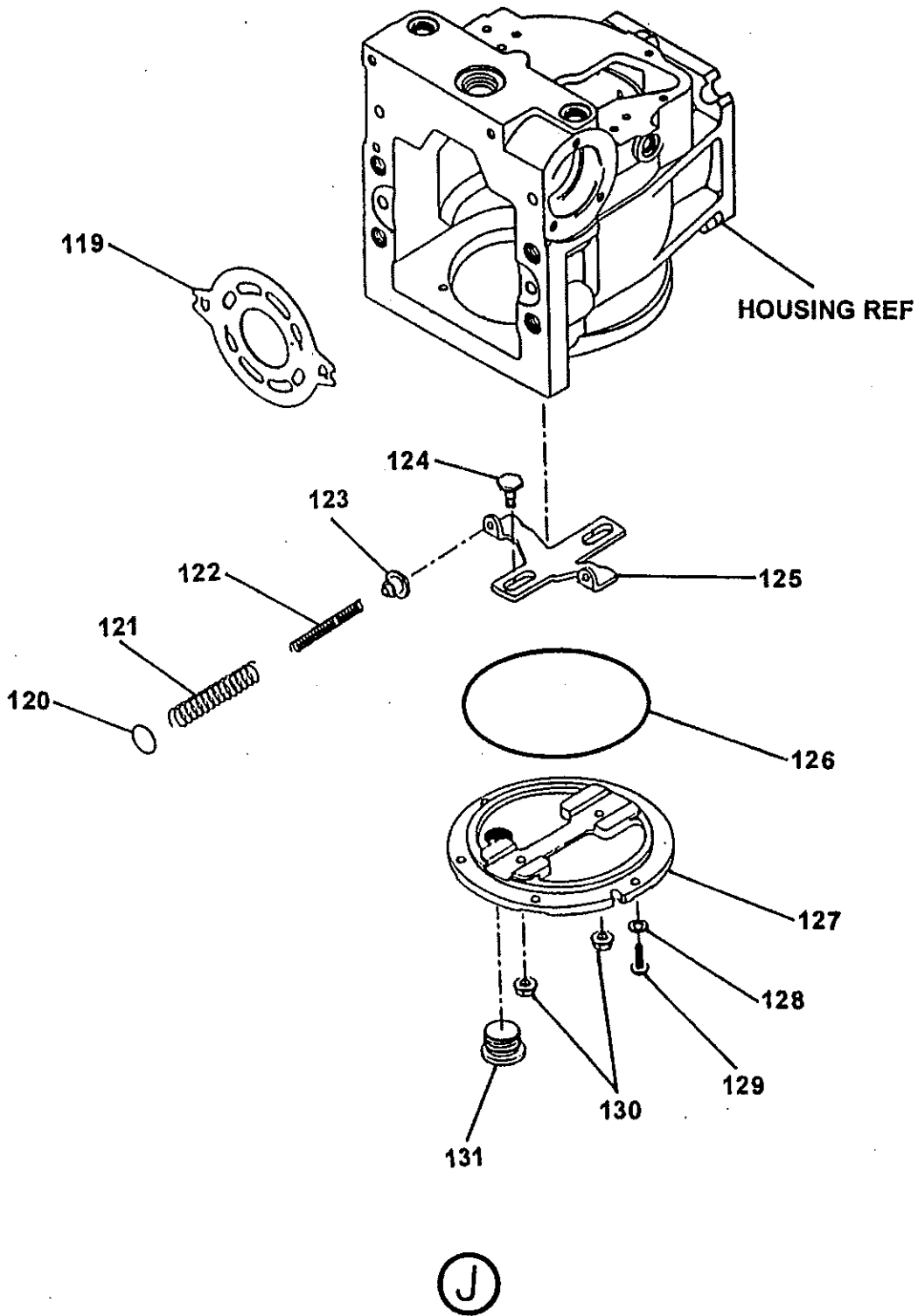


REVISION:

REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 10**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
102		•					1
103		• •					1
104		• •					2
105		• •					1
106		• •					1
107		• •					1
108	73310	•					1
109	72866	•					2
110		• •					1
-110A	77446						1
111		• •					1
112		• •					1
113		•					2
114		•					2
115		•					1
116		• •					1
117		• •					1
118		• •					1

DASH (-) ITEM NOT ILLUSTRATED



REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP****PARTS**

GROUP 40

FIGURE 06

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	75864	Assembly, Main Hydraulic Pump (See Group 40, Figure 02 for NHA)					Ref
2					• Screw	1	
3					• Washer	1	
4					• Bracket, Lifting	1	
5					• Spacer	1	
6					• Screw	1	
7					• Plug	7	
8					• Kit, Adjustment Charge Relief	1	
9					• • Nut	1	
10					• • Assembly, Plug	1	
11					• • O-Ring	1	
12					• • Spring	1	
13					• • Puppet	1	
14					• Screen, Control Filter	3	
15					• Plug	1	
16					• Screw	3	
17					• Plate, Retainer	1	
18					• Seal, Lip	1	
19					• Carrier, Seal	1	
20					• O-Ring	1	
21					• Ring, Retaining	1	
22					• Bearing, Roller	1	
23					• Plug	3	
24					• Plug	3	
25					• Shaft, 13T	1	

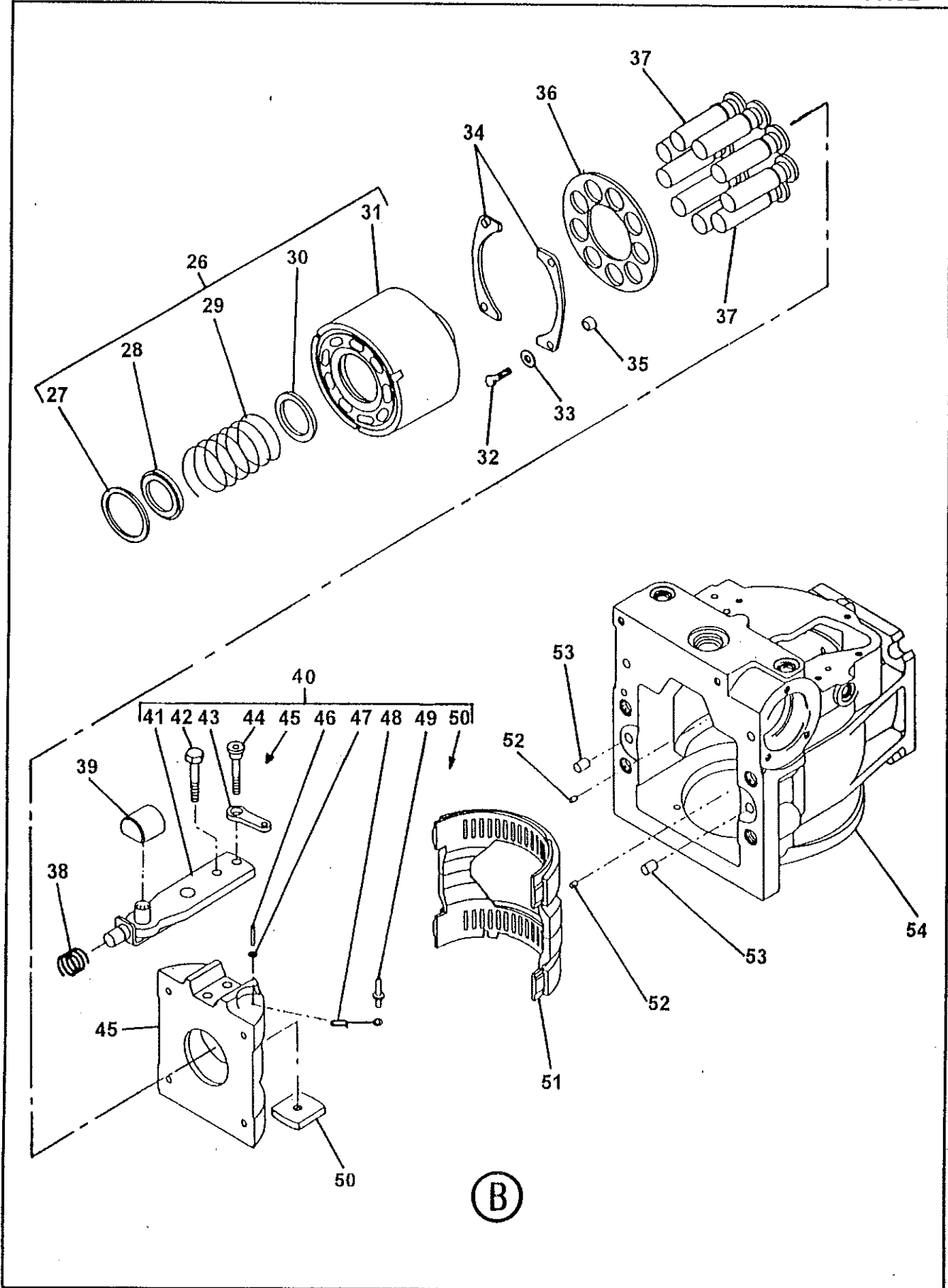
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 03



REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP**
PARTS
GROUP 40
FIGURE 06
PAGE 04

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
26		• Kit, Cylinder Block					1
27		• • Ring, Retaining					1
28		• • Retainer, Spring					1
29		• • Spring, Cylinder Block					1
30		• • Seat, Spring					1
31		• • Assembly, Cylinder					1
32		• Screw					4
33		• Washer					4
34		• Guide, Slipper Brg					1
35		• Spacer					1
36		• Guide, Slipper					4
37		• Piston, Welded					9
38		• Spring					1
39		• Block, Slider					1
40		• Assembly, Swash plate					1
41		• • Assembly, Servo Arm					1
42		• • Screw					1
43		• • Link, Feedback					1
44		• • Screw					1
45		• • Swash plate					1
46		• • Pin, Sprirl Head					1
47		• • Washer					1
48		• • Link, Cage Locator					1
49		• • Pin					1
50		• • Guide, Swash plate					1
51		• Bearing					1
52		• Pin					2
53		• Pin					2
54		• Housing, Variable					1

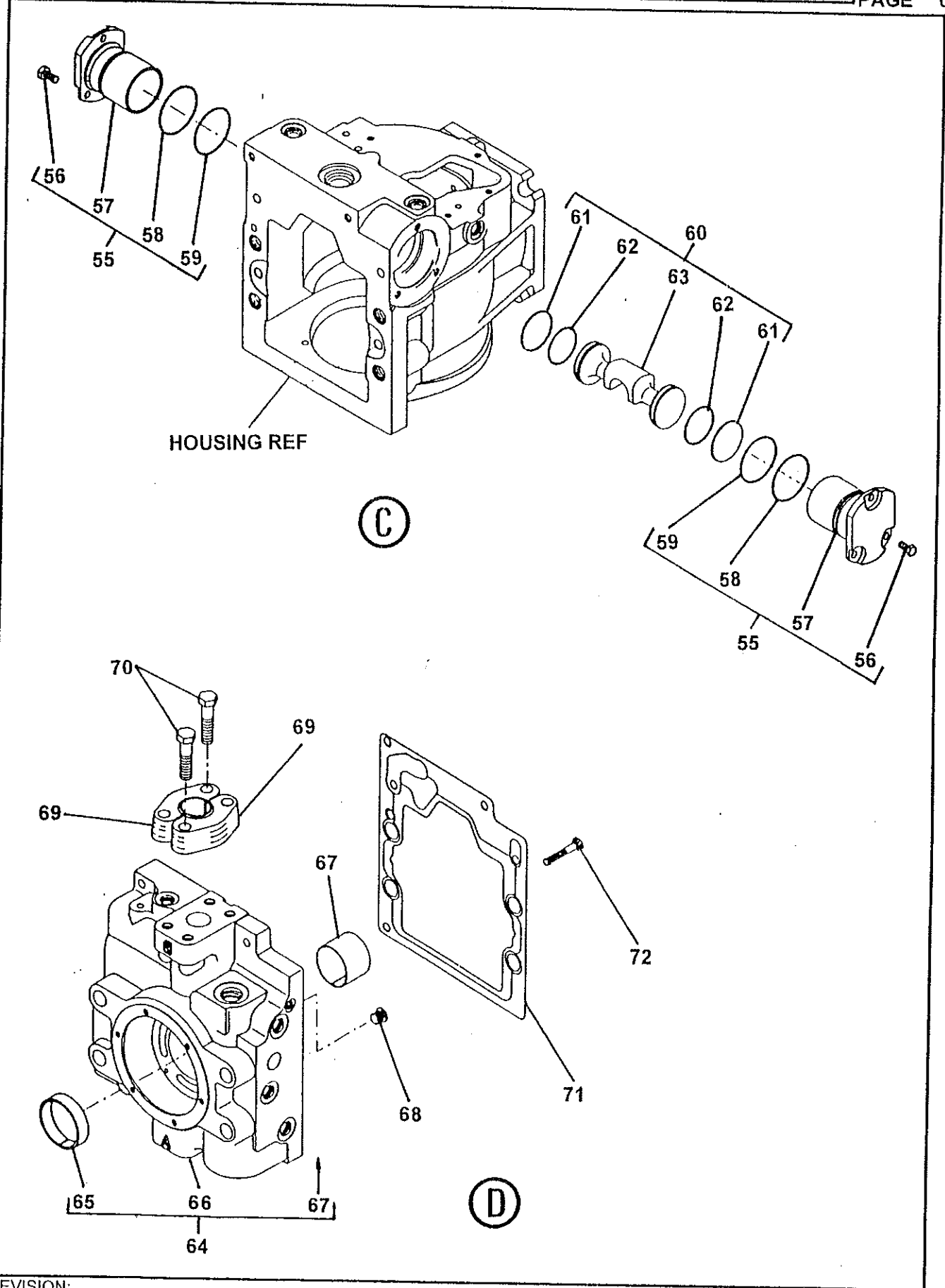
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 05



REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 06**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
55		• Kit, Servo Sleeve					2
56		• • Screw					3
57		• • Sleeve, Servo					1
58		• • O-Ring					1
59		• • O-Ring					1
60		• Kit, Servo Piston					1
61		• • Ring, Piston					2
62		• • O-Ring					2
63		• • Piston, Servo					1
64		• Kit, Side Port End Cap					1
65		• • Bushing					1
66		• • Cap, End					1
67		• • Bearing, Journal					1
68		• Plug					1
69		• Clamp, Split					4
70		• Screw					4
71		• Gasket, End Cap					1
72		• Screw					1

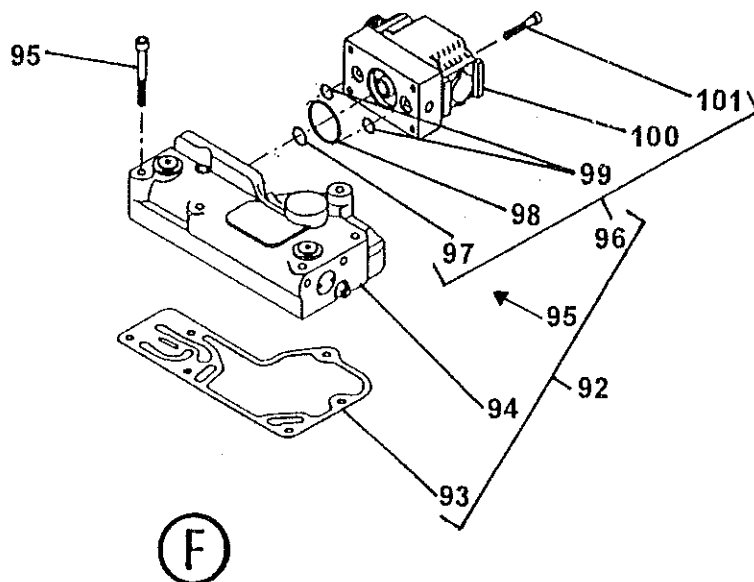
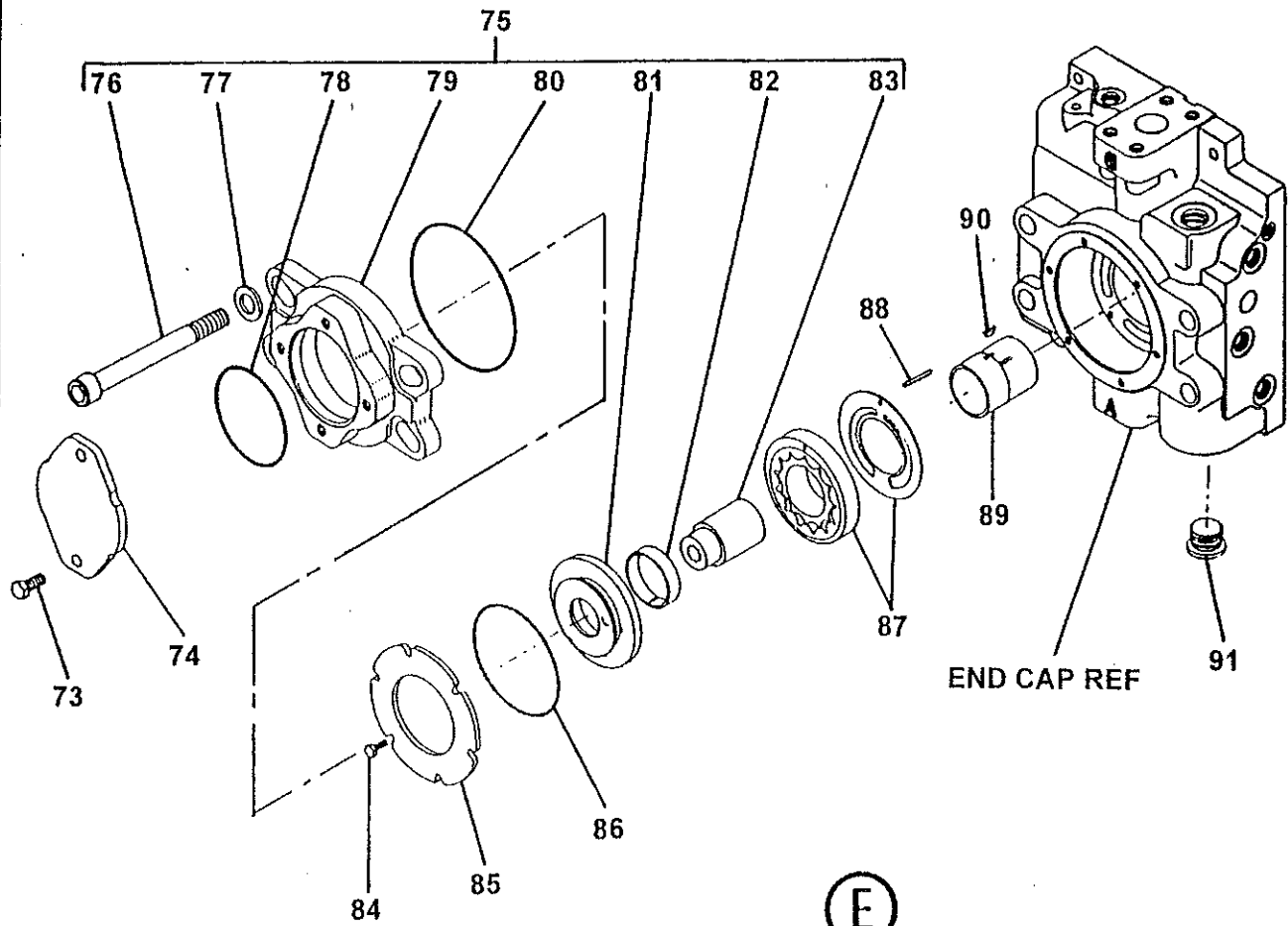
DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 07





MAIN HYDRAULIC PUMP ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 08

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
73						• Screw	2
74						• Plate, Cover	1
75						• Kit, Auxiliary Mounting Flange	1
76						• • Screw	4
77						• • Washer	4
78						• • O-Ring	1
79						• • Adapter, Flange	1
80						• • O-Ring	1
81						• • Assembly, Cover	1
82						• • • Bushing	1
83						• • Coupling	1
84						• Screw	6
85						• Plate, Retaining	1
86						• O-Ring	1
87						• Pump, Charge	1
88						• Pin	1
89						• Shaft, Charge Pump	1
90						• Key	1
91						• Plug	1
92						• Kit, EDC1 Connector	1
93						• • Gasket, Control	1
94						• • Connector, EDC1	1
95						• • Screw	6
96						• • Sub - Kit, PCP Type	1
97						• • • O-Ring	1
98						• • • O-Ring	1
99						• • • O-ring	2
100	77040					• • • PCP	1
101						• • • Screw	4

DASH (-) ITEM NOT ILLUSTRATED



MAIN HYDRAULIC PUMP ASSEMBLY

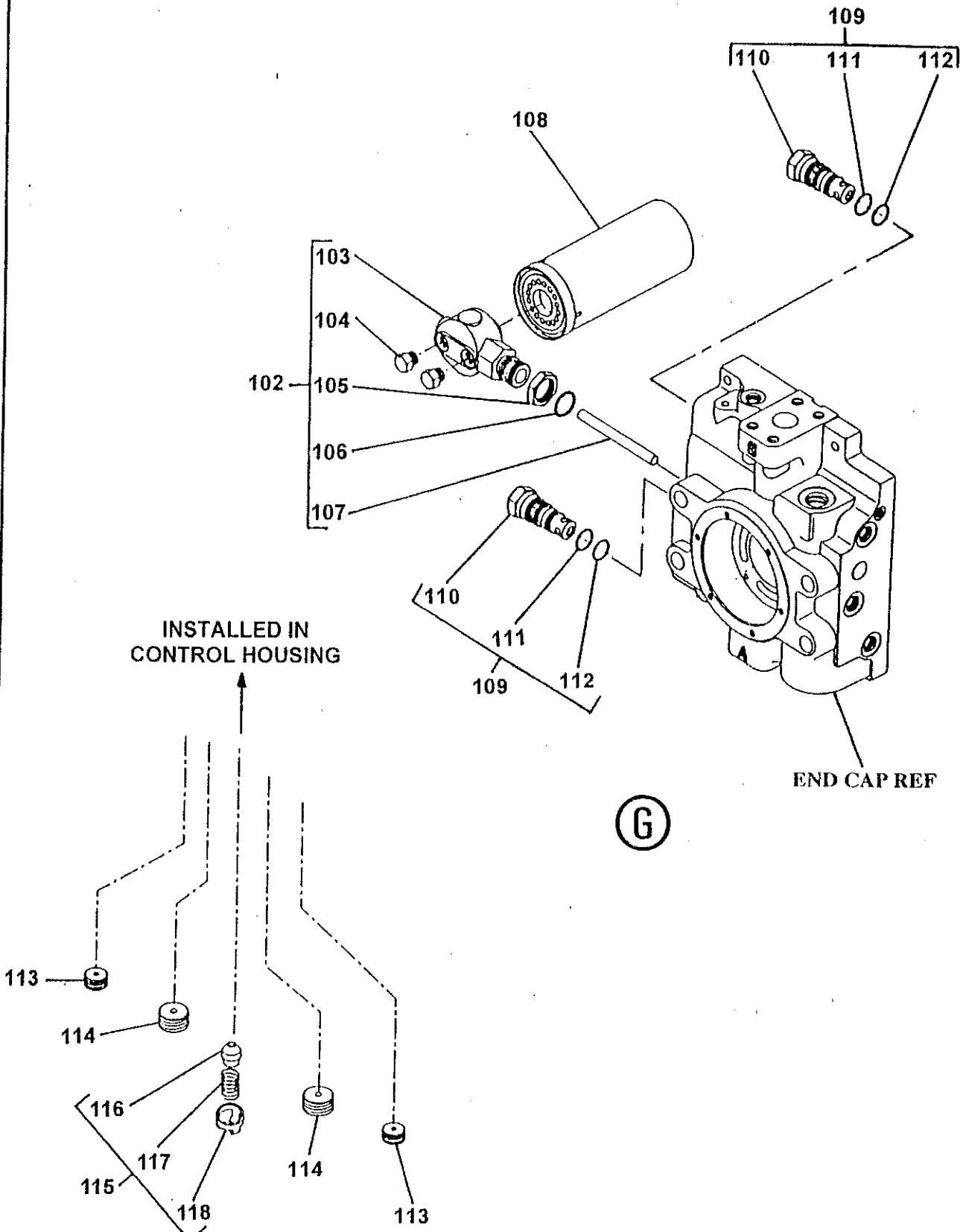
C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 09

INSTALLED IN
CONTROL HOUSING

END CAP REF

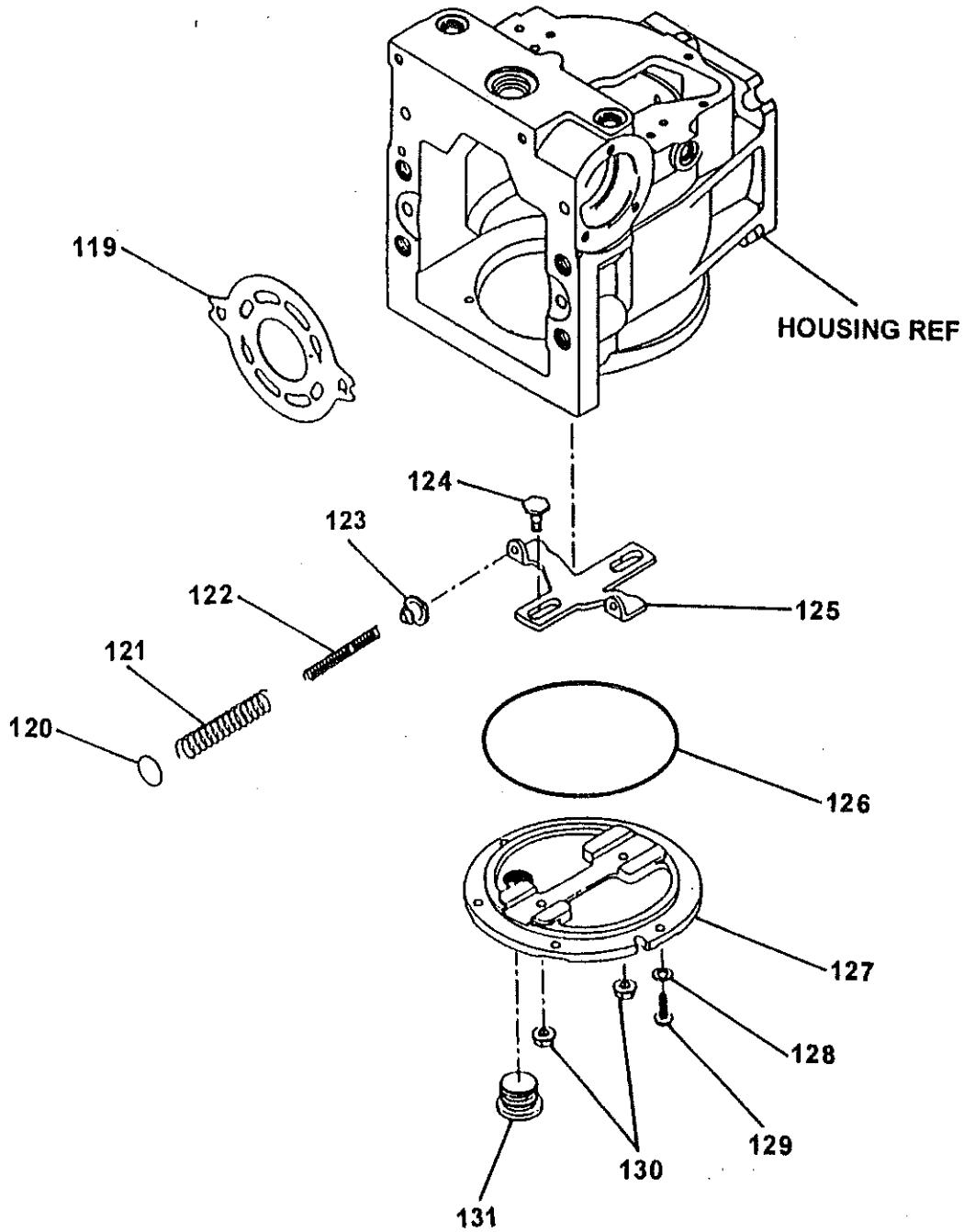
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H



ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
102		• Kit, Filtration Manifold					1
103		• • Manifold, Filtration					1
104		• • Plug					2
105		• • Nut					1
106		• • O-Ring					1
107		• • Tube					1
108	73310	• Filter, Hydraulic Oil					1
109	72866	• Kit, Multi - Function Valve					2
110		• • Valve, Multi - Function					1
-110A	77446	Kit, MFV Seal					1
111		• • O-Ring					1
112		• • O-Ring					1
113		• Plug, M5 x 6					2
114		• Plug, M8 x 8					2
115		• Kit, Control Orifice					1
116		• • Valve, Orifice Check					1
117		• • Spring					1
118		• • Retainer, Spring					1

DASH (-) ITEM NOT ILLUSTRATED



(J)

REED**MAIN HYDRAULIC PUMP ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 06
PAGE 12**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
119		• Plate, Pump Valve					1
120		• Shim					2
121		• Spring					2
122		• Spring					2
123		• Seat, Spring					2
124		• Post, Guide					2
125		• Leveler					1
126		• O-Ring					1
127		• Cover, Side					1
128		• Washer					6
129		• Screw					6
130		• Nut					2
131		• Plug					1
-132		• Gasket, Manifold					1
-133		• Kit, 100 PV Overhaul Seal (Item Include 11,17, 19, 32, 58, 59, 61, 62, 71, 78, 80, 86, 93, 97, 98, 99, 106, 111, 112, 126, 129, 130 and 132)					1

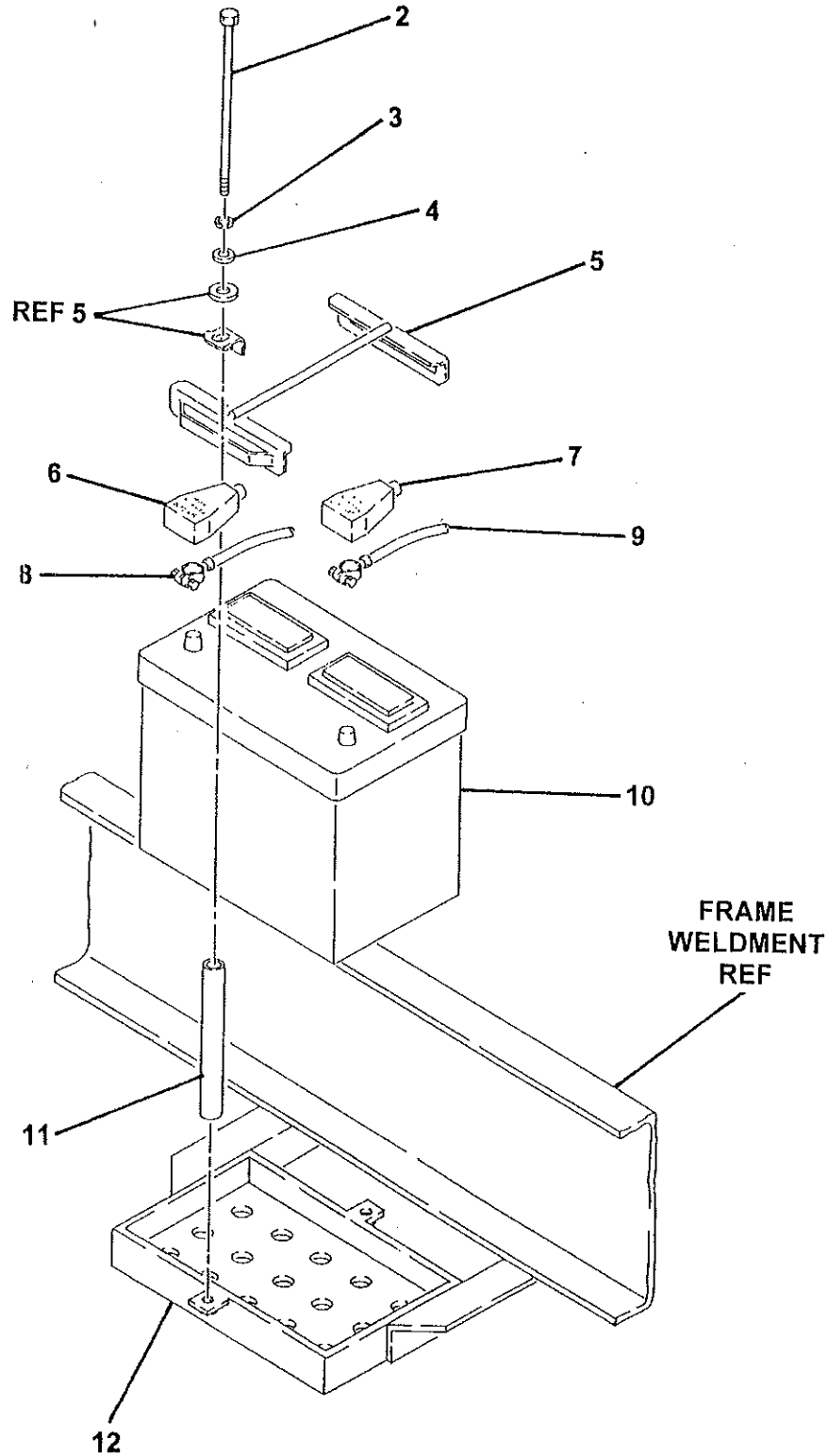
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



BATTERY MOUNTING ASSEMBLY

C50HP
PARTS
GROUP 40
FIGURE 07
PAGE 01



REED**BATTERY MOUNTING ASSEMBLY****C50HP
PARTS
GROUP 40
FIGURE 07
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	40-06	Assembly, Battery Mounting (See Group 40, Figure 01 for NHA)					Ref
2		• Bolt, Hex					2
3		• Washer, Lock					2
4		• Washer Flat					2
5	72945	• Holder, Battery Down					1
6	77720	• Insulator, Negative Battery (Black)					1
7	77719	• Insulator, Positive Battery (Red)					1
8	75116	• Cable, Negative Battery (Black)					1
9	72016	• Cable, 24 Inch Long Positive Battery (Red)					1
10	77075	• Battery, 12 VDC					1
11	73753	• Spacer, Battery Mounting					2
12	72954	• Weldment, Battery Box					1
-13	72014	• Cable, 36 Inch Long Battery Top					1
-14	85348	• Connector, SPNO 12 VDC					1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



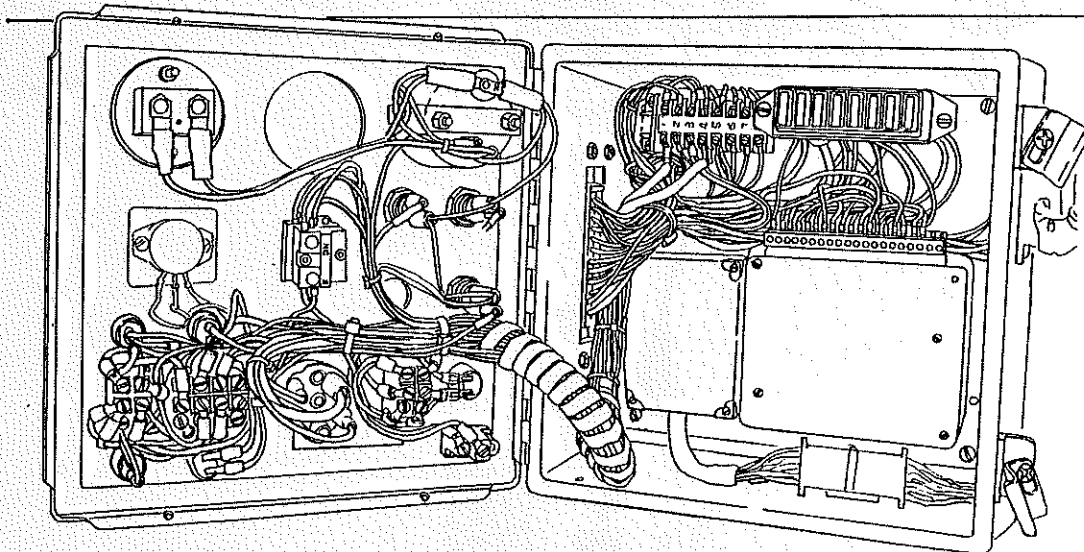
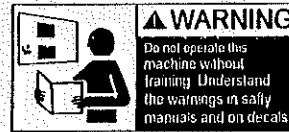
TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL

C50HP
PARTS
GROUP 40
FIGURE 08
PAGE 01

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REED TRAILER MOUNTED CONCRETE PUMP MODEL **C50HP** ILLUSTRATED PARTS MANUAL GROUP 50 CONTROLS INSTALLATION CONTAINS THE FOLLOWING FIGURES:

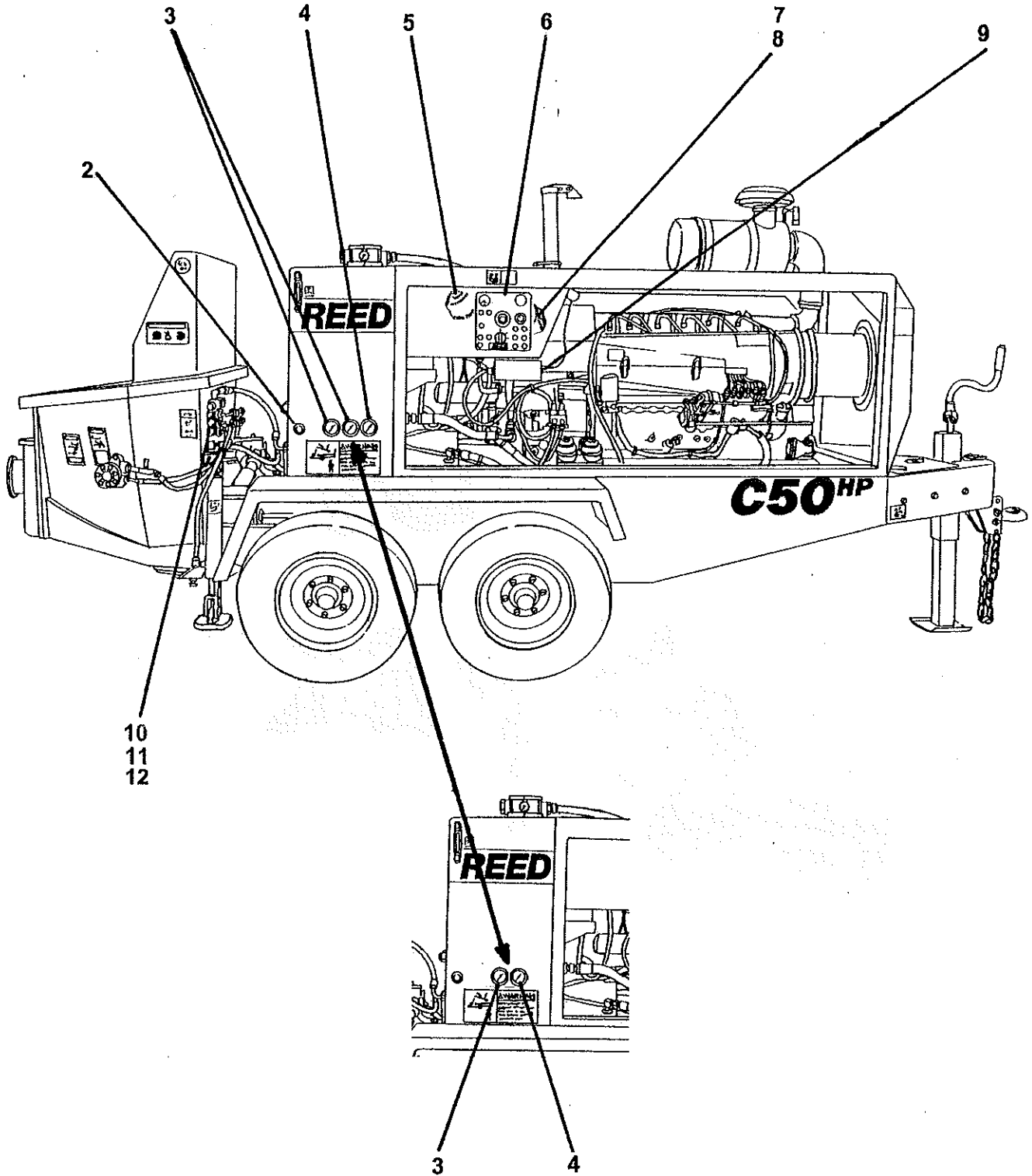
- FIGURE 00 TABLE OF CONTENTS
- FIGURE 01 CONTROLS INSTALLATION
- FIGURE 02 CONTROL BOX ASSEMBLY
- FIGURE 03 50 FEET CABLE REMOTE CONTROL ASSEMBLY
- FIGURE 04 100 FEET CABLE REMOTE CONTROL ASSEMBLY
- FIGURE 05 RADIO REMOTE CONTROL ASSEMBLY





CONTROL INSTALLATION

C50HP
PARTS
GROUP 50
FIGURE 01
PAGE 01





CONTROL BOX ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 02
PAGE 04

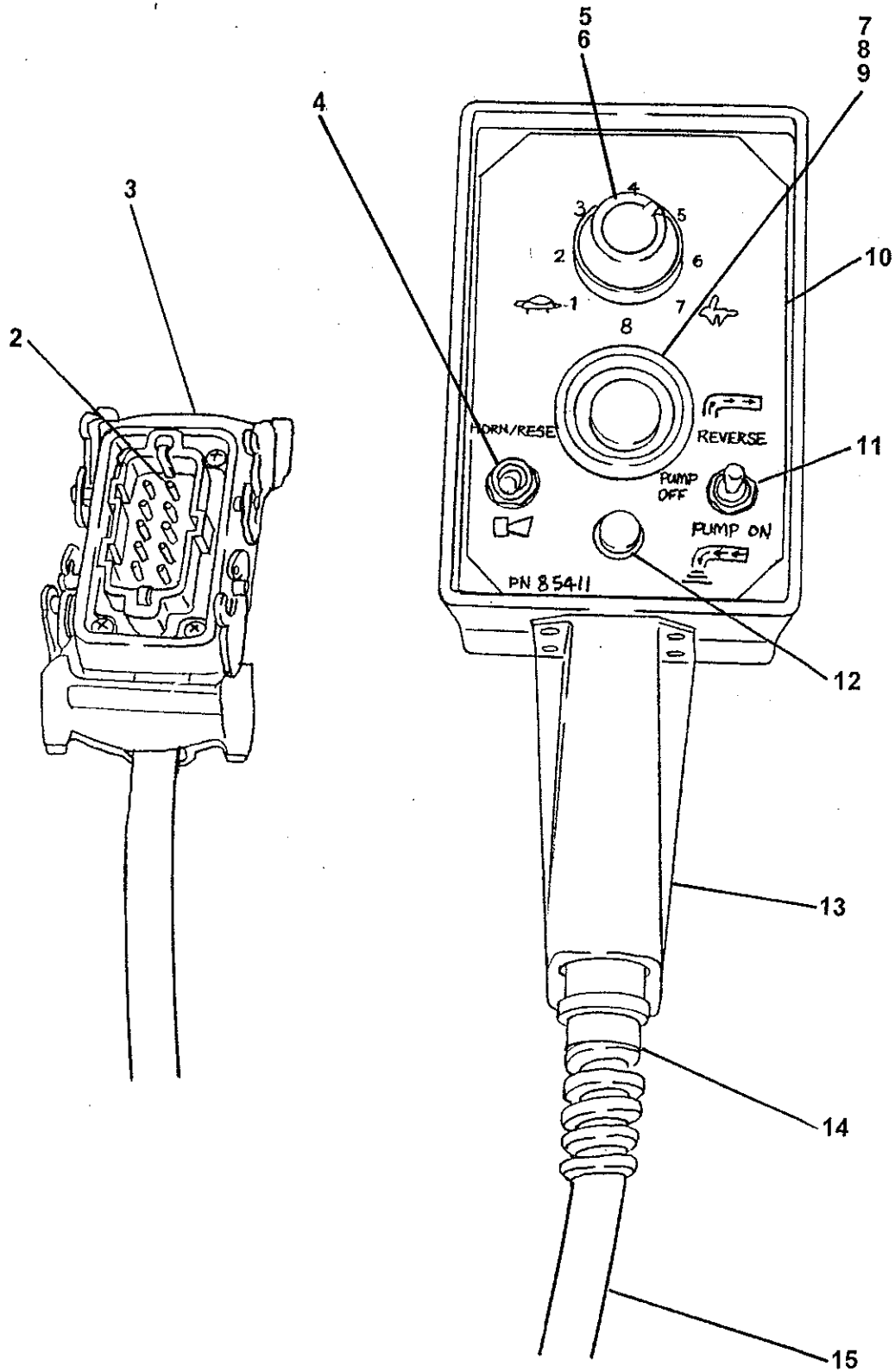
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
21	78687	• Tachometer	1
22	85342	• Operator, Emergency Stop	1
23	85343	• Block, Contact	1
24	85344	• Bulb, Emergency Stop	1
25	74240	• Meter, Engine Hour	1
26	77642	• Potentiometer, 100 OHM	1
27	72777	• Resistor, Green 100 OHM	1
28	85355	• Pilot, Light	4
29	78563	• Switch, Local / Remote	1
30	72003	• Switch, Pump On / Reverse	1
31	85356	• Pilot, Light	1
32	71154	• Switch, Ignition	1
33	71155	• • Key (Pair)	1
34	72862	• Gauge, Proximity Switch	1
35	85346	• Switch, CYL A / CYL B	1
36	85347	• Switch, Horn / Reset	1
37	73775	• Indicator, Red Light 14 VDC	3
38	72022	• Bulb, Indicator	3
39	85409	• Decal, C50HP Control Box	1

DASH (-) ITEM NOT ILLUSTRATED



50 FEET CABLE REMOTE CONTROL ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 03
PAGE 01





50 FEET CABLE
REMOTE CONTROL ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 03
PAGE 02

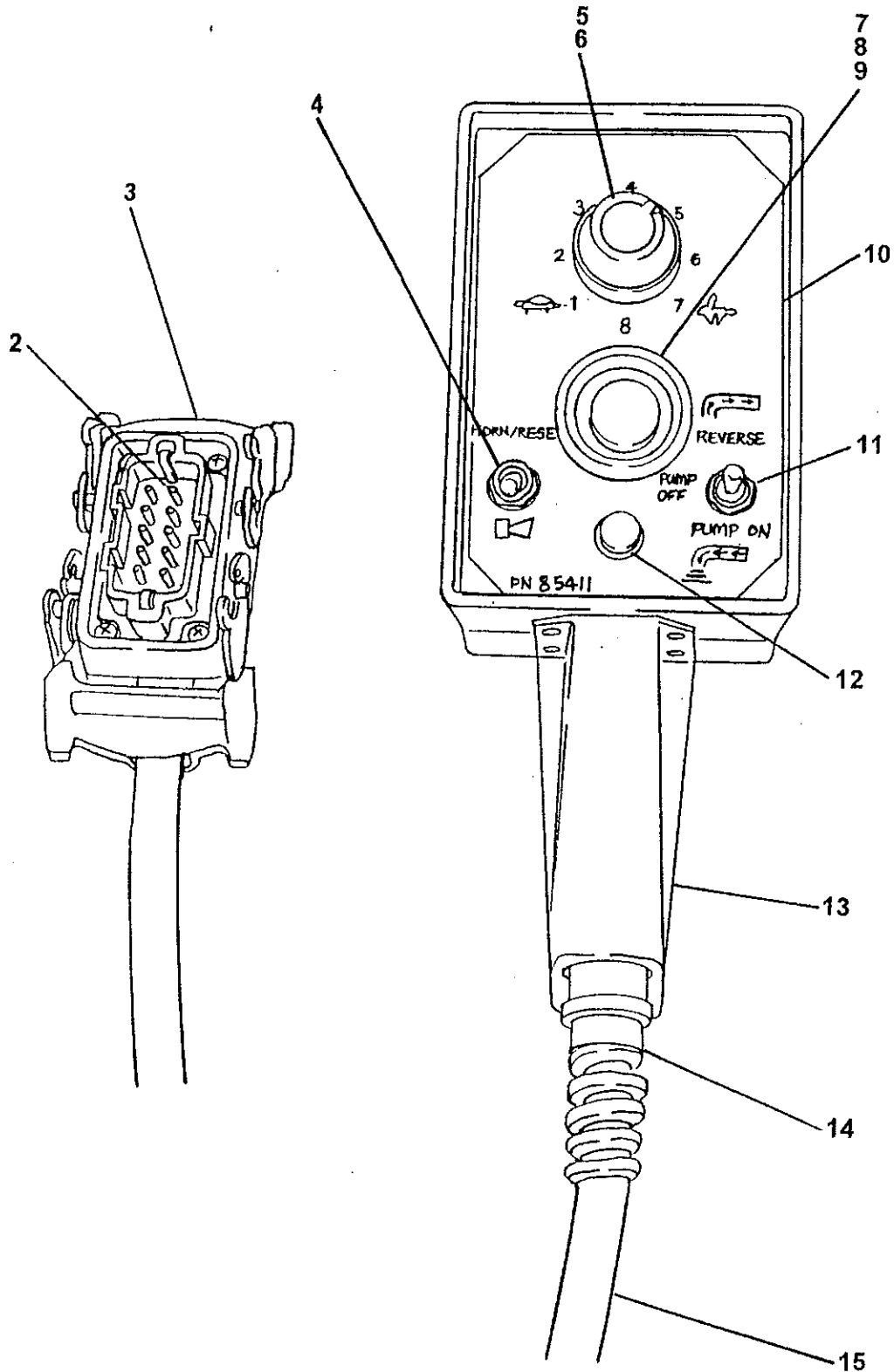
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85398	Assembly, 50 Feet Cable Remote Control (See Group 50, Figure 01 for NHA)	Ref
2	79964	• Connector, Insert	1
3	79966	• Connector, Hood	1
4	85347	• Switch, Horn / Reset	1
5	77642	• Potentiometer, 100 OHM	1
6	72777	• Resistor, Green 100 OHM	1
7	85342	• Operator, Emergency Stop	1
8	85343	• Block, Contact	1
9	85344	• Bulb, Emergency Stop	1
10	85411	• Decal, C50HP Remote Control Box	1
11	72003	• Switch, Pump On / Reverse	1
12	85355	• Pilot, Light	1
13	85412	• Enclosure, Remote Control	1
14	85621	• Relief, Spiral Strain	1
15	85620	• Cable, 50 Feet Remote Control	1

DASH (-) ITEM NOT ILLUSTRATED

REED

100 FEET CABLE REMOTE CONTROL ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 04
PAGE 01



REVISION:



100 FEET CABLE REMOTE CONTROL ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 04
PAGE 02

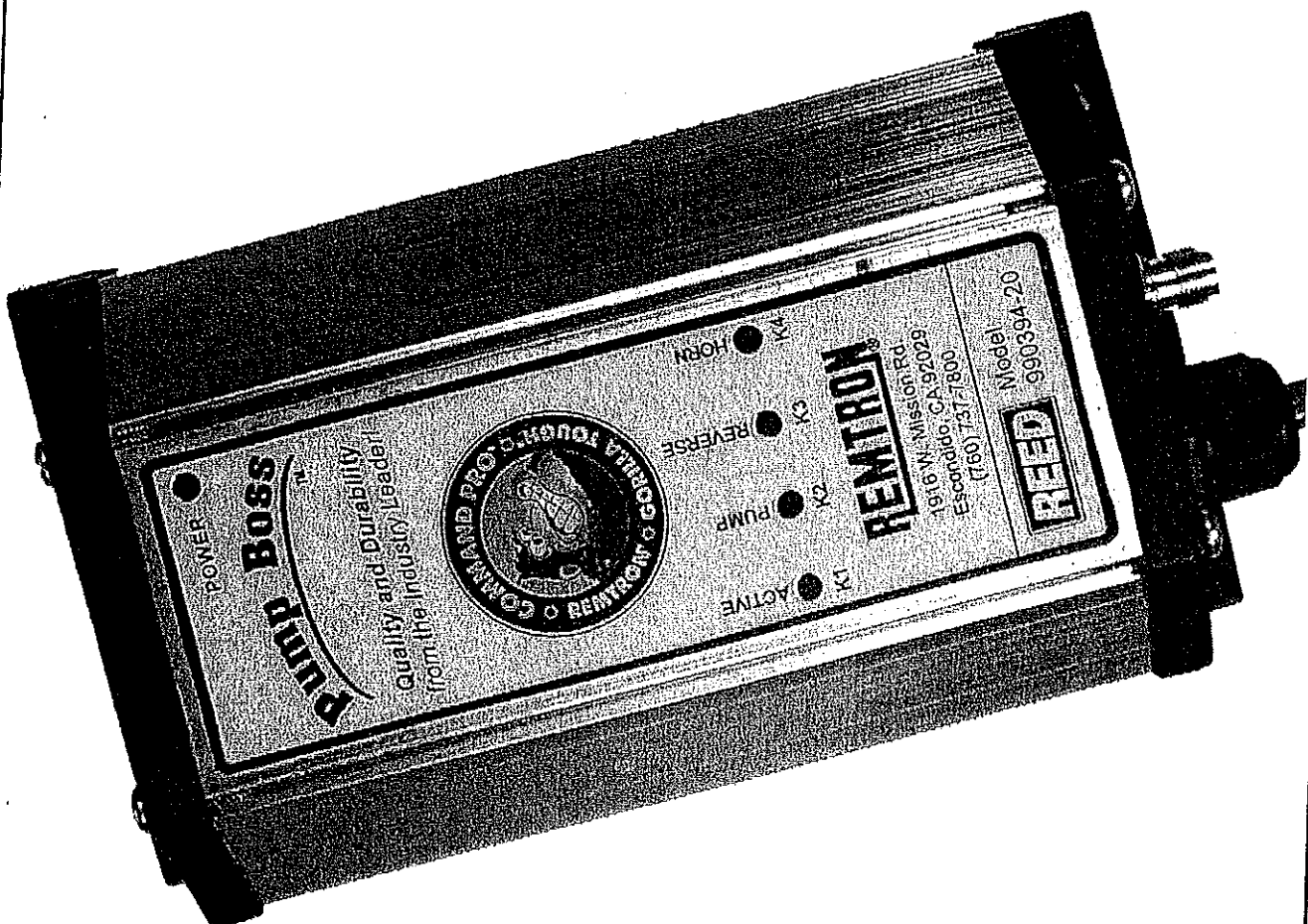
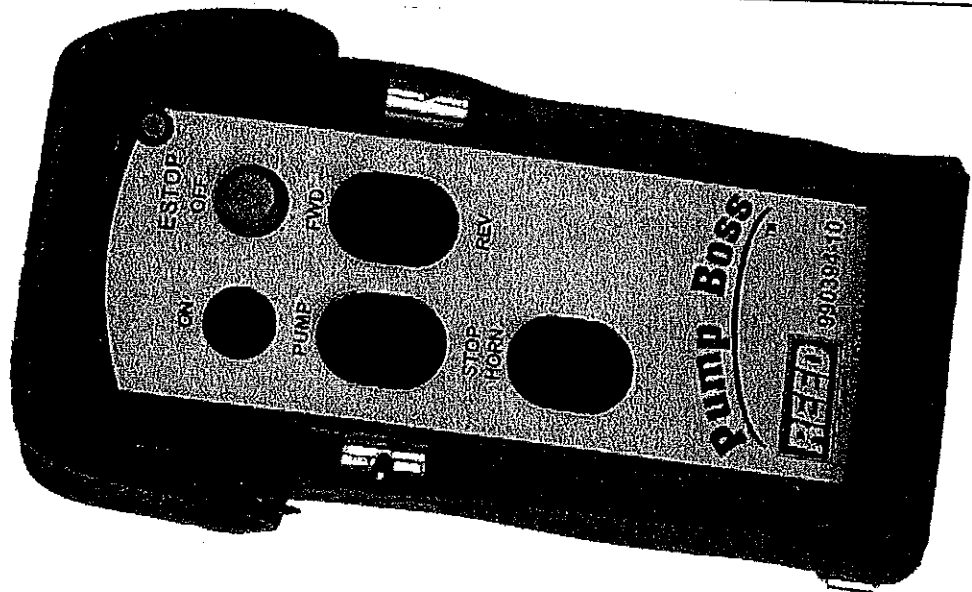
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85398A	Assembly, 100 Feet Cable Remote Control (See Group 50, Figure 01 for NHA)					Ref
2	79964	• Connector, Insert					1
3	79966	• Connector, Hood					1
4	85347	• Switch, Horn / Reset					1
5	77642	• Potentiometer, 100 OHM					1
6	72777	• Resistor, Green 100 OHM					1
7	85342	• Operator, Emergency Stop					1
8	85343	• Block, Contact					1
9	85344	• Bulb, Emergency Stop					1
10	85411	• Decal, C50HP Remote Control Box					1
11	72003	• Switch, Pump On / Reverse					1
12	85355	• Pilot, Light					1
13	85412	• Enclosure, Remote Control					1
14	85621	• Relief, Spiral Strain					1
15	85816	• Cable, 100 Feet Remote Control					1

DASH (-) ITEM NOT ILLUSTRATED



OPTIONAL RADIO REMOTE CONTROL ASSEMBLY

C50HP
PARTS
GROUP 50
FIGURE 05
PAGE 01



REVISION:



**OPTIONAL RADIO REMOTE
CONTROL ASSEMBLY**

C50HP
PARTS
GROUP 50
FIGURE 05
PAGE 02

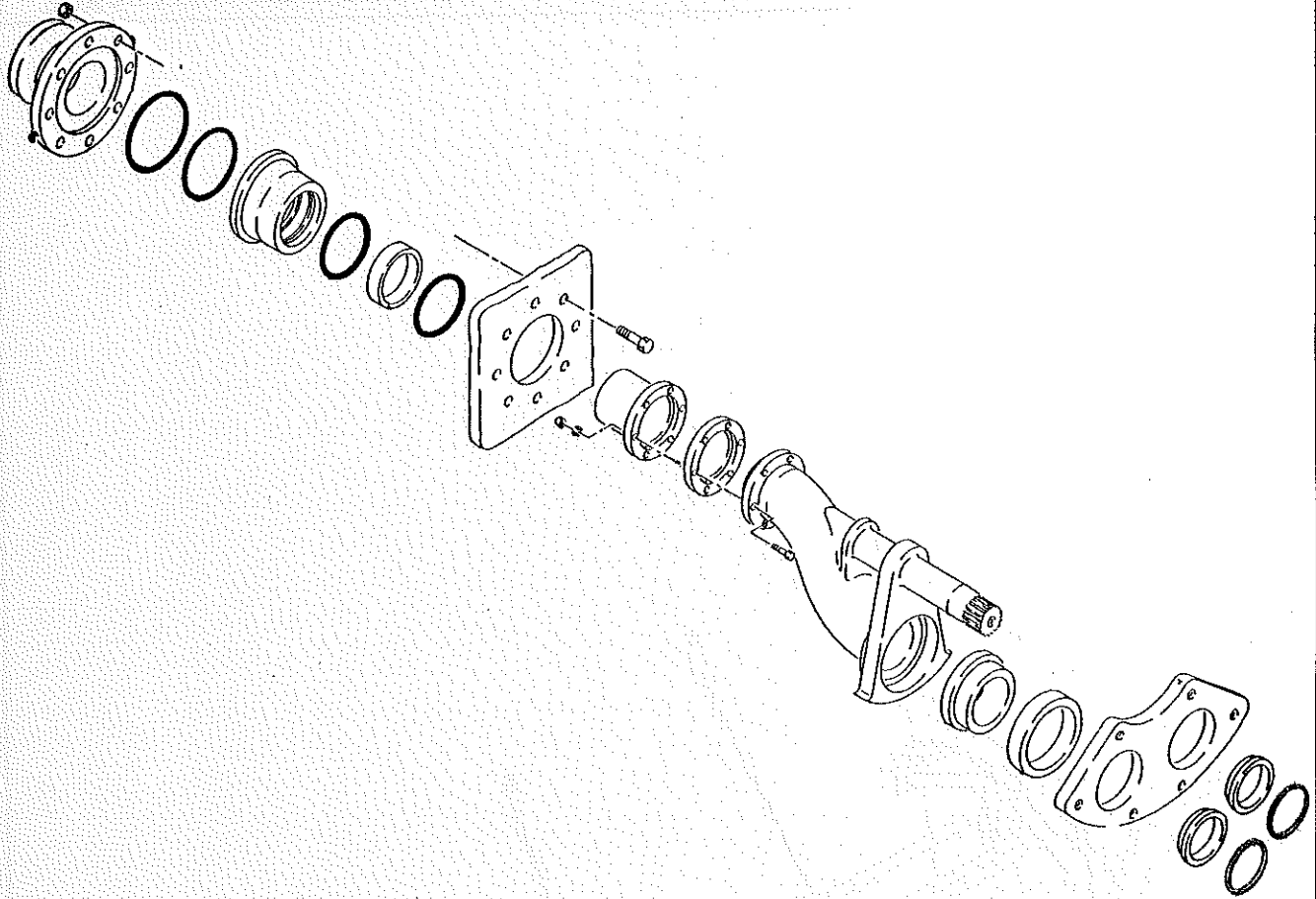
THIS GROUP 50, FIGURE 05, PARTS NUMBER 85818,
OPTIONAL RADIO REMOTE CONTROL ASSEMBLY,
DETAIL PARTS LIST IS NOT AVAILABLE THIS REVISION.



TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL

C50HP
PARTS
GROUP 50
FIGURE 06
PAGE 01

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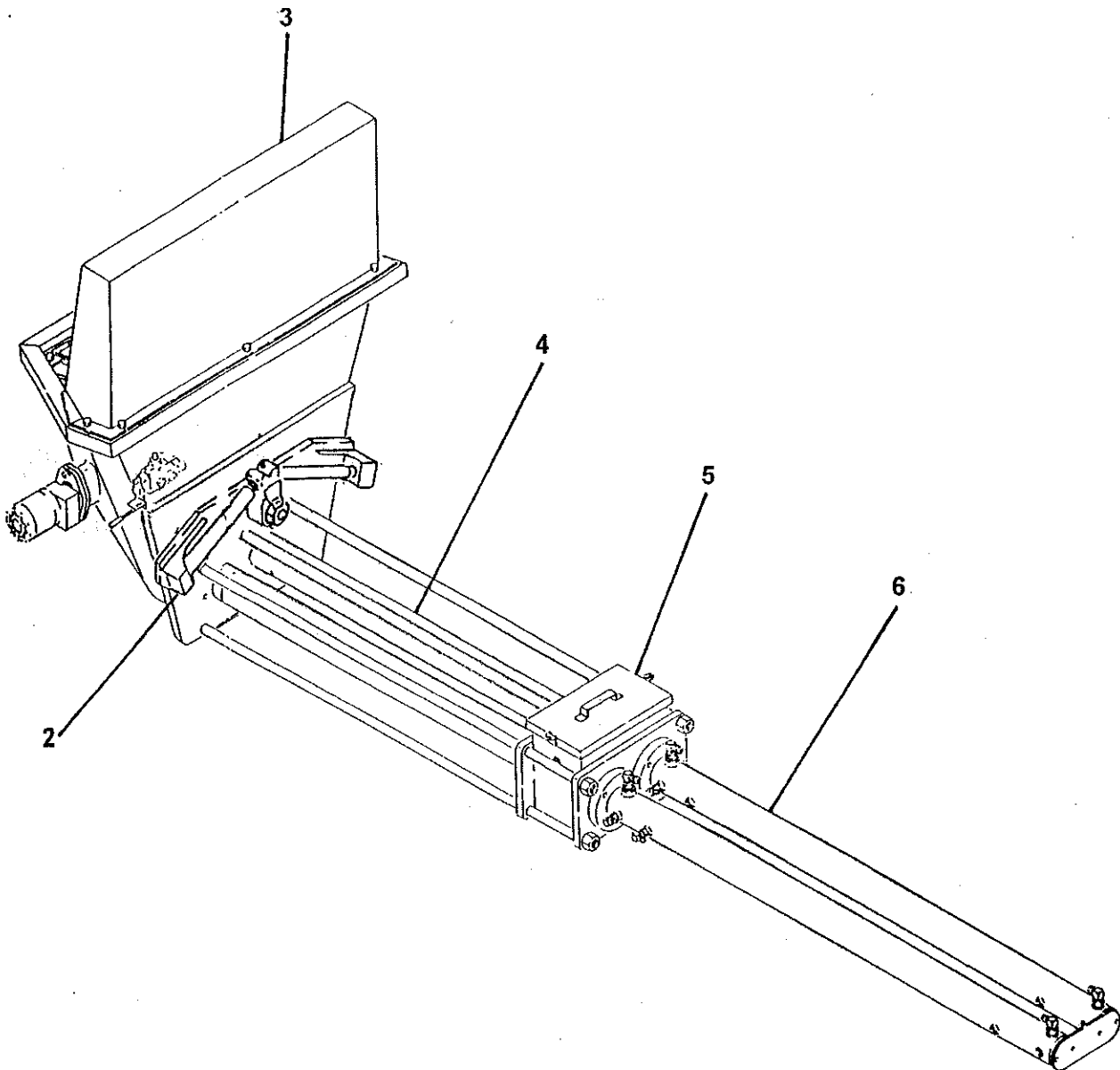
REED TRAILER MOUNTED CONCRETE PUMP MODEL C50HP ILLUSTRATED PARTS MANUAL GROUP 60 PUMPING TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:

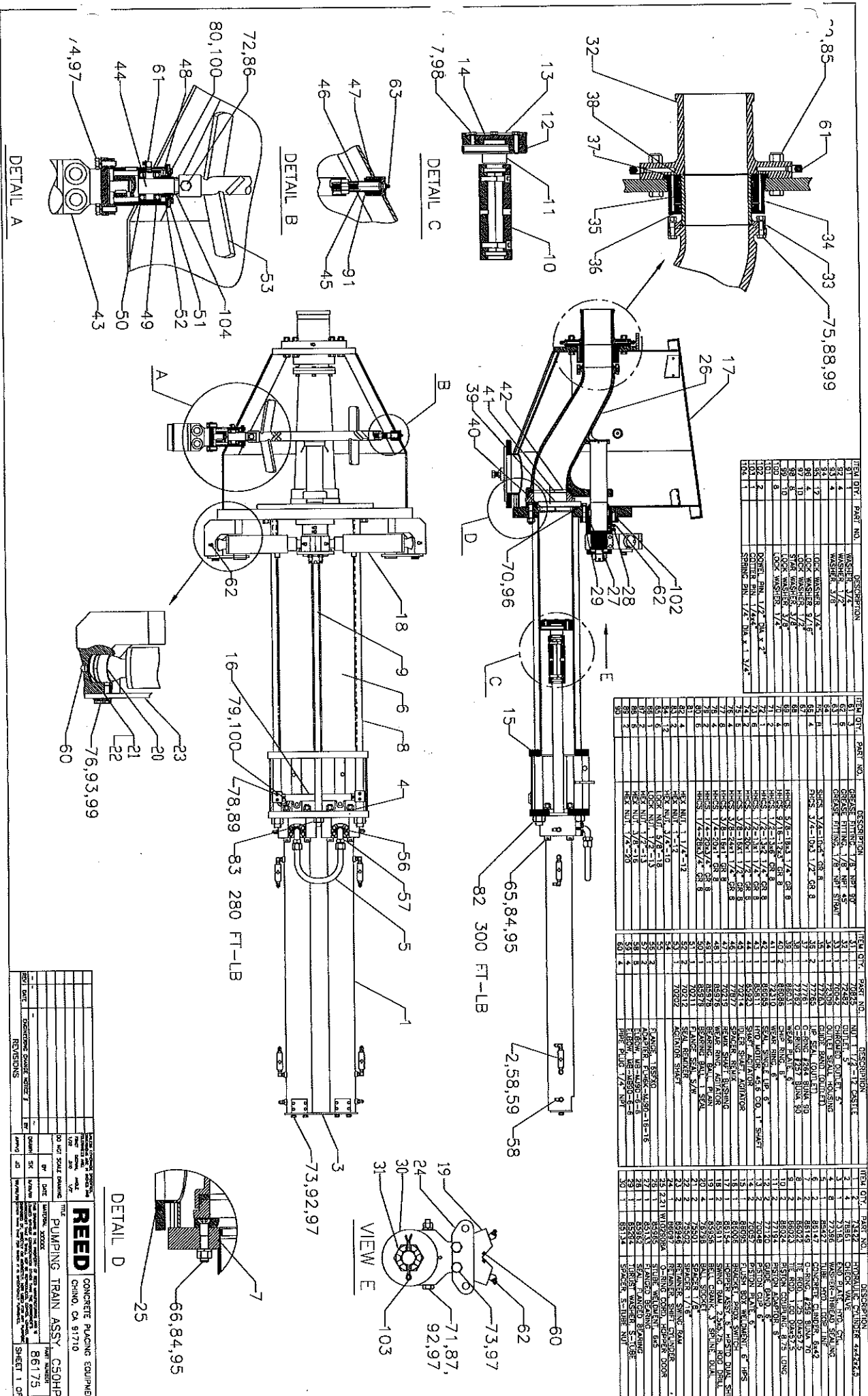
- | | |
|------------------|--|
| FIGURE 00 | TABLE OF CONTENTS |
| FIGURE 01 | PUMPING TRAIN INSTALLATION |
| FIGURE 02 | SWING VALVE ASSEMBLY |
| FIGURE 03 | SWING RAM CYLINDER SUB-ASSEMBLY |
| FIGURE 04 | CONCRETE CYLINDER ASSEMBLY |
| FIGURE 05 | FLUSHBOX ASSEMBLY |
| FIGURE 06 | HYDRAULIC DRIVE CYLINDER ASSEMBLY |
| FIGURE 07 | HYDRAULIC DRIVE CYLINDER SUB-ASSEMBLY |

REED

PUMPING TRAIN INSTALLATION

C50HP
PARTS
GROUP 60
FIGURE 01
PAGE 01





2001 & U8

ITEM QTY	PART NO.	DESCRIPTION
81	1	WASHER 3/8"
82	2	WASHER 1/2"
83	4	WASHER 1/2"
84	1	WASHER 1/2"
85	1	LOCK WASHER 3/8"
86	1	LOCK WASHER 1/2"
87	1	LOCK WASHER 1/2"
88	1	LOCK WASHER 1/2"
89	1	LOCK WASHER 1/2"
90	1	LOCK WASHER 1/2"
91	1	LOCK WASHER 1/2"
92	2	DOZEN PIN 1/2" DIA. X 2"
93	1	SHIM PIN 1/2" DIA. X 1 3/4"

ITEM QTY	PART NO.	DESCRIPTION	ITEM QTY	PART NO.	DESCRIPTION
94	1	BRASS FITTING 1/8" NPT 45°			
95	1	BRASS FITTING 1/8" NPT STRAIGHT			
96	1	SS 316-1024 02.8			
97	1	SS 316-1024 1/2" GR. B.			
98	1	SS 316-1024 1/2" GR. B.			
99	1	SS 316-1024 1/2" GR. B.			
100	1	SS 316-1024 1/2" GR. B.			
101	1	SS 316-1024 1/2" GR. B.			
102	1	SS 316-1024 1/2" GR. B.			
103	1	SS 316-1024 1/2" GR. B.			
104	1	SS 316-1024 1/2" GR. B.			

ITEM QTY	PART NO.	DESCRIPTION
105	1	FLANGE BRASS 4-100-18-18
106	1	FLANGE BRASS 4-100-18-18
107	1	FLANGE BRASS 4-100-18-18
108	1	FLANGE BRASS 4-100-18-18
109	1	FLANGE BRASS 4-100-18-18
110	1	FLANGE BRASS 4-100-18-18
111	1	FLANGE BRASS 4-100-18-18
112	1	FLANGE BRASS 4-100-18-18
113	1	FLANGE BRASS 4-100-18-18
114	1	FLANGE BRASS 4-100-18-18
115	1	FLANGE BRASS 4-100-18-18
116	1	FLANGE BRASS 4-100-18-18
117	1	FLANGE BRASS 4-100-18-18
118	1	FLANGE BRASS 4-100-18-18
119	1	FLANGE BRASS 4-100-18-18
120	1	FLANGE BRASS 4-100-18-18
121	1	FLANGE BRASS 4-100-18-18
122	1	FLANGE BRASS 4-100-18-18
123	1	FLANGE BRASS 4-100-18-18
124	1	FLANGE BRASS 4-100-18-18
125	1	FLANGE BRASS 4-100-18-18
126	1	FLANGE BRASS 4-100-18-18
127	1	FLANGE BRASS 4-100-18-18
128	1	FLANGE BRASS 4-100-18-18
129	1	FLANGE BRASS 4-100-18-18
130	1	FLANGE BRASS 4-100-18-18

REVISIONS	DATE	BY	DESCRIPTION
1			CONSTRUCTION CHANGE SHEET 7

DATE	BY	DESCRIPTION
		CONSTRUCTION CHANGE SHEET 7

DATE	BY	DESCRIPTION
		CONSTRUCTION CHANGE SHEET 7

DATE	BY	DESCRIPTION
		CONSTRUCTION CHANGE SHEET 7

DATE	BY	DESCRIPTION
		CONSTRUCTION CHANGE SHEET 7

DATE	BY	DESCRIPTION
		CONSTRUCTION CHANGE SHEET 7

REED CONCRETE PILING EQUIPMENT
CHINO, CA 91710

PUMPING TRAIN ASSY CS0HP8
PART NO. 86175 X
SHEET 1 OF 1

CONCRETE PILING EQUIPMENT
CHINO, CA 91710

PUMPING TRAIN ASSY CS0HP8
PART NO. 86175 X
SHEET 1 OF 1

CONCRETE PILING EQUIPMENT
CHINO, CA 91710

PUMPING TRAIN ASSY CS0HP8
PART NO. 86175 X
SHEET 1 OF 1

2

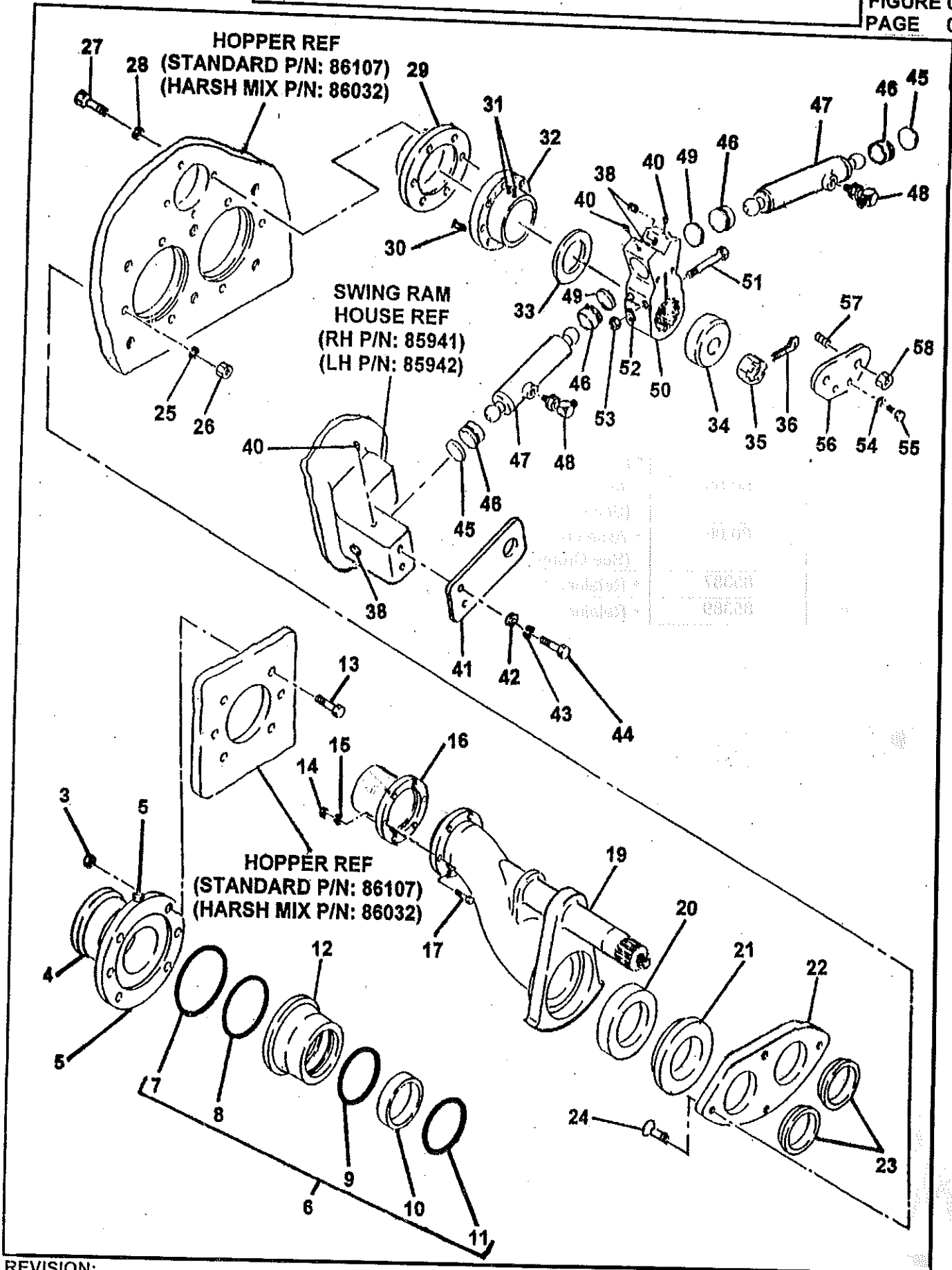
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ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-01	Installation, Pumping Train (See Group 10, Figure 01 and Figure 02 for NHA)	Ref
2	60-02	• Assembly, Swing Valve (See Group 60, Figure 02 for DET)	1
3	20-01	• Installation, Hopper (See Group 20, Figure 01 for REF)	Ref
4	60-04	• Assembly, Concrete Cylinder (See Group 60, Figure 04 for DET)	1
5	60-05	• Assembly, Flushbox (See Group 60, Figure 05 for DET)	1
6	60-06	• Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 06 for DET)	1
-7	85387	• Retainer, Shift Cylinder	1
-8	85389	• Retainer	2

DASH (-) ITEM NOT ILLUSTRATED



REVISION:

REED**SWING VALVE ASSEMBLY****C50HP****PARTS**

GROUP 60

FIGURE 02

PAGE 02

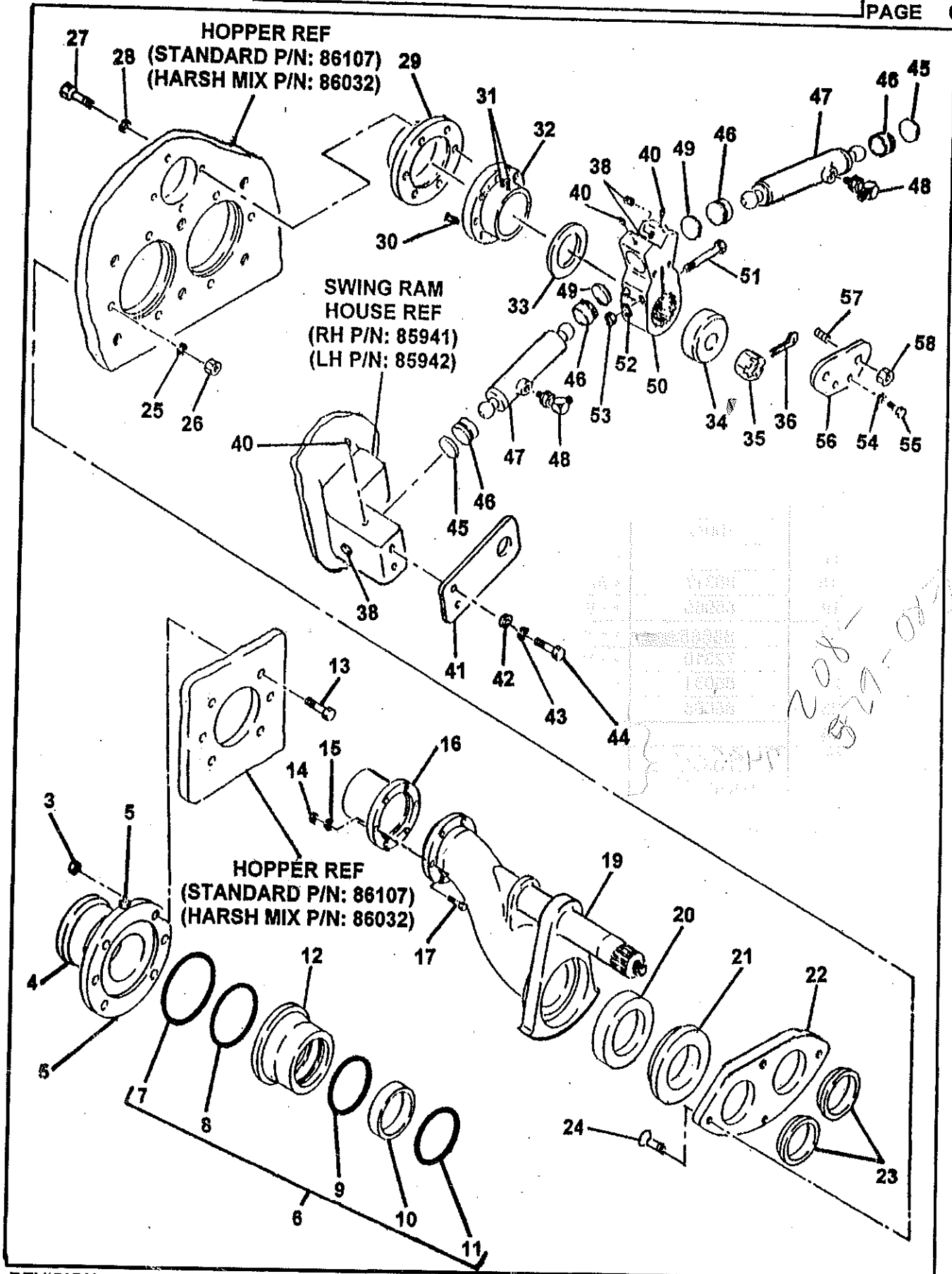
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	60-04	Assembly, Dual Shift Swing Valve (See Group 60, Figure 02 for NHA)					Ref
-2	86321	• Assembly, Outlet Group					1
3		• • Nut					6
4	72482	• • Outlet, Machine 5" <i>70132 NOW</i>					1
5		• • Fitting, Grease					2
6	79895	• • Kit, Outlet Seal					1
7	77761	• • • O-Ring, Large					1
8	77762	• • • O-Ring, Small					1
9	86504	• • • Seal, Modified Outlet Thick					1
10	77763	• • • Band, Gulda					1
11	77765	• • • Seal, Outlet Thick					1
12	72309	• • Housing, Outlet Seal					1
13		• • Bolt, Hex					6
14		• • Nut, Nylock (attaching parts)					6
15		• • Washer, Lock (attaching parts)					6
16	70042	• • Outlet, Chromed					1
17		• • Bolt, Hex (attaching parts)					6
-18	86317	• Assembly, Swing Tube Group					1
19	85965	• • Weldment, Harsh Swing Tube					1
20	86085	• • Seal, 6 Inch Single Lip DOUBLE LIP					1
21	72310	• • Ring, 6 Inch Single Lip Wear					1
22	86031	• • Plate, Wear					1
23	86086	• • Ring, Anti Chip <i>2R 70047? OLD</i>					2
24		• • Bolt, Flat Head					4
25	<i>80010</i>	• • Washer, Lock					4
26	<i>80008</i>	• • Nut, Hex					4
27		• • Bolt, Hex <i>9/16-12 X 3"</i>					6
28		• • Washer, Lock <i>9/16 SPLIT LOCK</i>					6
29	85962	• • Seal, Flange Bearing					1
30		• • Pin, Dowel <i>FLANGE BEARING</i>					1
31		• • Fitting, Grease 90					2
32	85133	• • Bearing, 3 Inch Spline Flange					1
33	85294	• • Washer, Thrust					1
34	85134	• • Spacer, Swing Tube Nut					1
35	70825	• • Nut, Swing Tube					1
36		• • Pin Cotter <i>1/4" X 4"</i>					1
-37	86320	• Assembly, Swing Tube Dual Shift Group					1
38		• • Plug, Pipe					4
39	86052	• • Pin, Spring					4
40		• • Fitting, Grease 90					2
41	86441	• • Retainer, Swing Ram					2

DASH (-) ITEM NOT ILLUSTRATED

REED

SWING VALVE ASSEMBLY

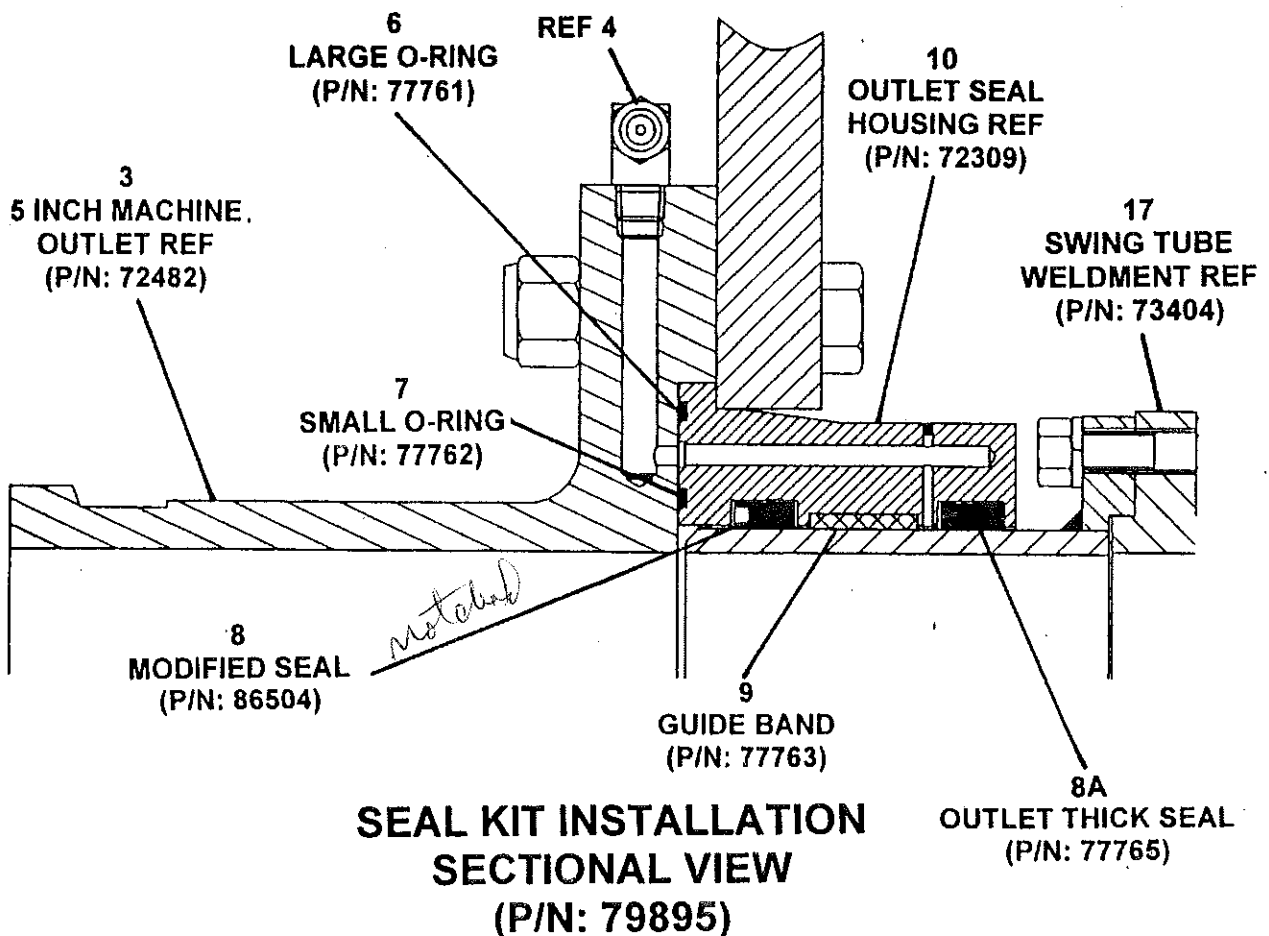
C50HP
PARTS
GROUP 60
FIGURE 02
PAGE 03



REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
42		••	Washer, Flat (attaching parts)				4
43		••	Washer, Lock (attaching parts)				4
44		••	Bolt, Hex (attaching parts)				4
45	75501	••	Spacer				2
46	76798	••	Socket, Ball				4
47	86220	••	Assembly, Dual Shift Swing Ram Cylinder (See Group 60, Figure 06 for DET)				1
48	75502	••	Fitting, 90				2
49	75501	••	Spacer				2
50	85956	••	Crank, 3 Inch Dual Shift Splined Bell				1
51		••	Bolt, Hex (attaching parts)				2
52		••	Washer, SPL Lock (attaching parts)				2
53		••	Nut, Hex (attaching parts) <i>9/16-18 1.6 Dia 4/163</i>				2
54		••	Washer, Lock <i>9/16</i>				2
55	86283	••	Bolt, Hex <i>9/16</i>				2
56	86282	••	Retainer, Dual Shift Cylinder				1
57	<i>86283</i>	••	Stud				2
58		••	Nut, Hex				2

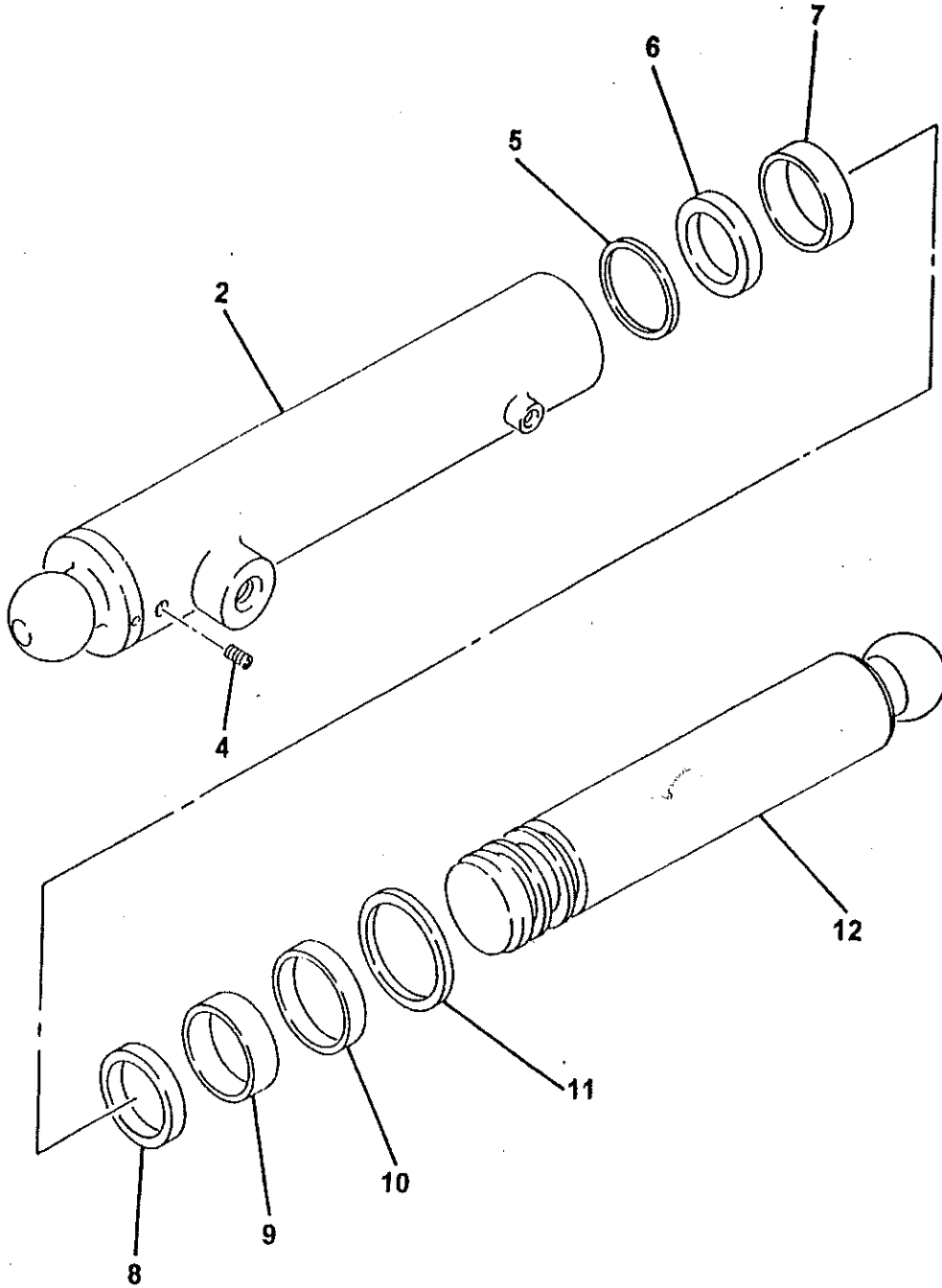
DASH (-) ITEM NOT ILLUSTRATED



REED

**SWING RAM CYLINDER
SUB-ASSEMBLY**

**C50HP
PARTS
GROUP 60
FIGURE 03
PAGE 01**



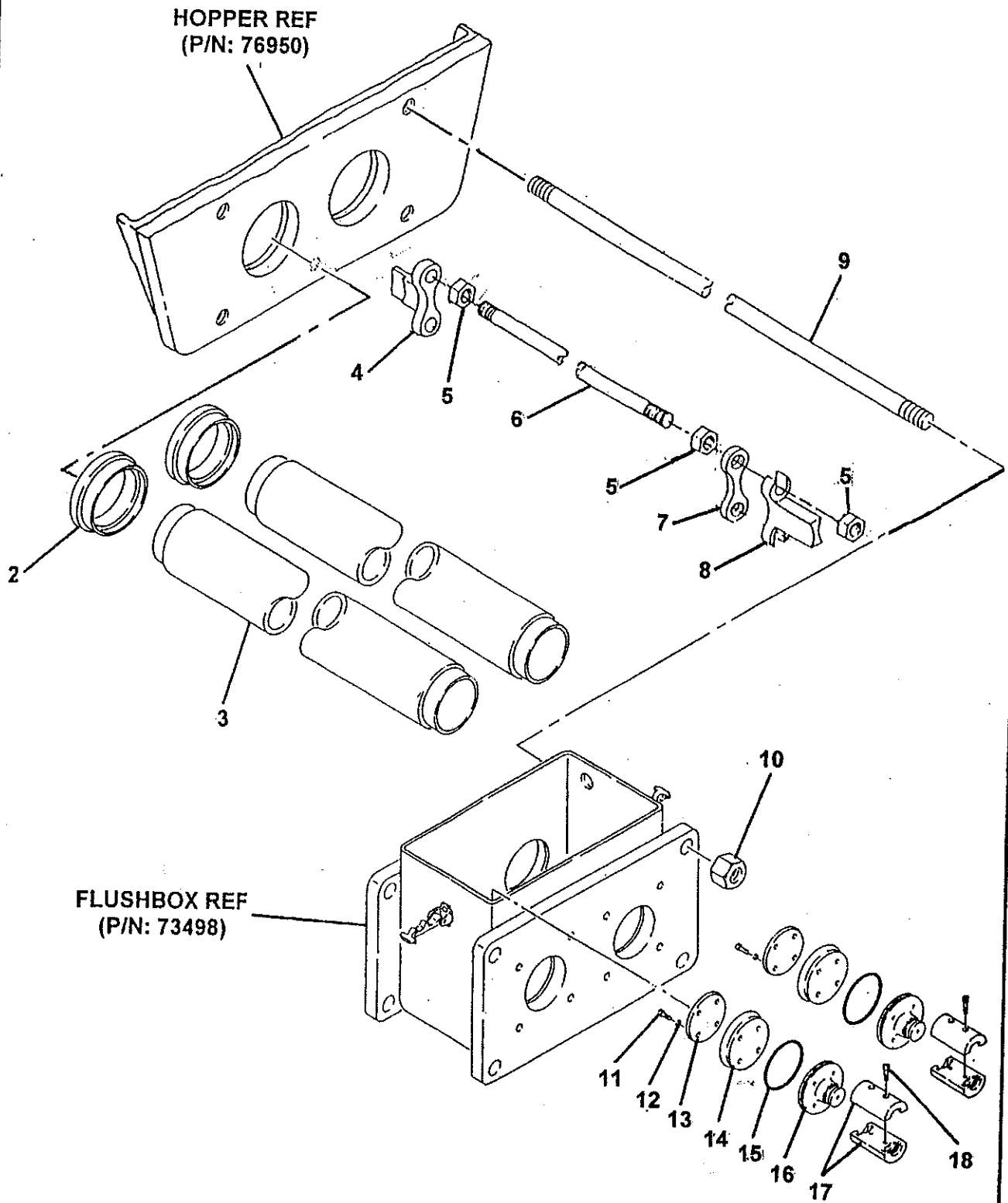
REVISION:

REED**SWING RAM CYLINDER
SUB-ASSEMBLY****C50HP
PARTS
GROUP 60
FIGURE 03
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	86220	Sub-Assembly, Double Swing Ram Cylinder (See Group 60, Figure 02 for NHA)					Ref
2		• Weldment, Cylinder					1
-3	77769	• Kit, Seal					1
4		• • Screw, Set					1
5		• • Seal, Static					1
6		• • Seal, Piston					1
7		• • Ring, Wear					1
8		• • Seal, Piston					1
9		• • Ring, Wear					
10		• • Seal, Rod					1
11		• • Wiper, Rod					1
12		• Weldment, Rod					1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-04	Assembly, Concrete Cylinder (See Group 60, Figure 01 for NHA)	Ref
2	73403	• Adapter, Concrete Cylinder	2
3	73428	• Cylinder, Concrete	2
4	73491	• Bracket, Hopper End Tie Rod	1
5		• Nut, Fine	6
6	73459	• Rod, Tie	2
7	73489	• Plate, Spacer	1
8	73490	• Bracket, Flushbox End Tie Rod	1
9	75882	• Rod, Tie	4
10		• Nut	4
11		• Bolt <i>3/8-24 x 1 3/4"</i>	8
12		• Washer, Lock <i>3/8</i> <i>LOCK</i>	8
13	70057	• Plate, Piston	2
14	70048	• Cup, Piston <i>Red 4 hole</i>	2
15		• O-Ring / <i>77120 GUIDE BAND</i>	2
16	70076	• Adapter, Concrete Piston	2
17	73425	• Coupling, Piston	2
18		• Screw, Cap	4

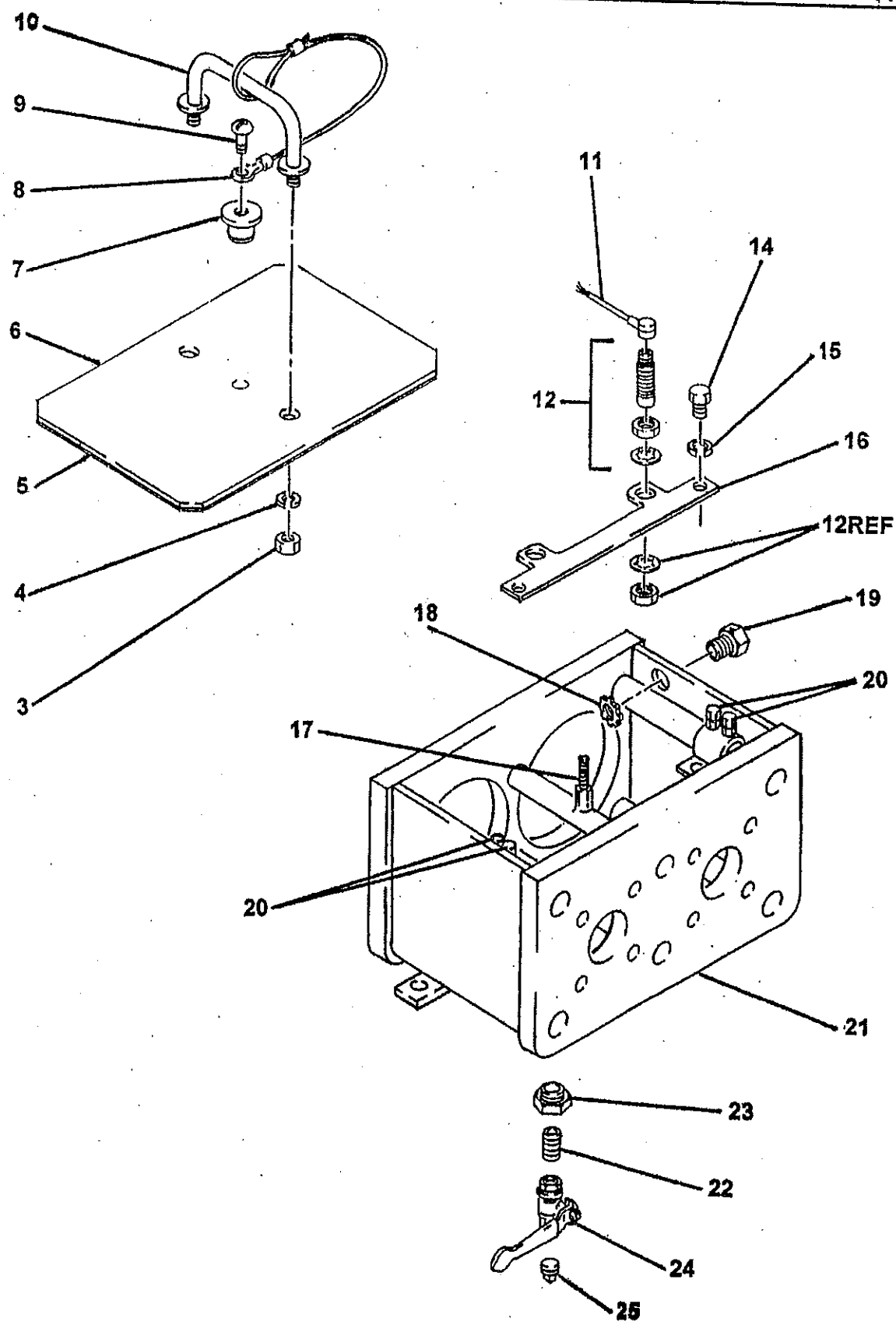
DASH (-) ITEM NOT ILLUSTRATED

Carid Band
- 02 -
O-Ring

REED

FLUSHBOX ASSEMBLY

C50HP
PARTS
GROUP 60
FIGURE 05
PAGE 01



REVISION:



FLUSH BOX ASSEMBLY

01C50HP
PARTS
GROUP 60
FIGURE 05
PAGE 02

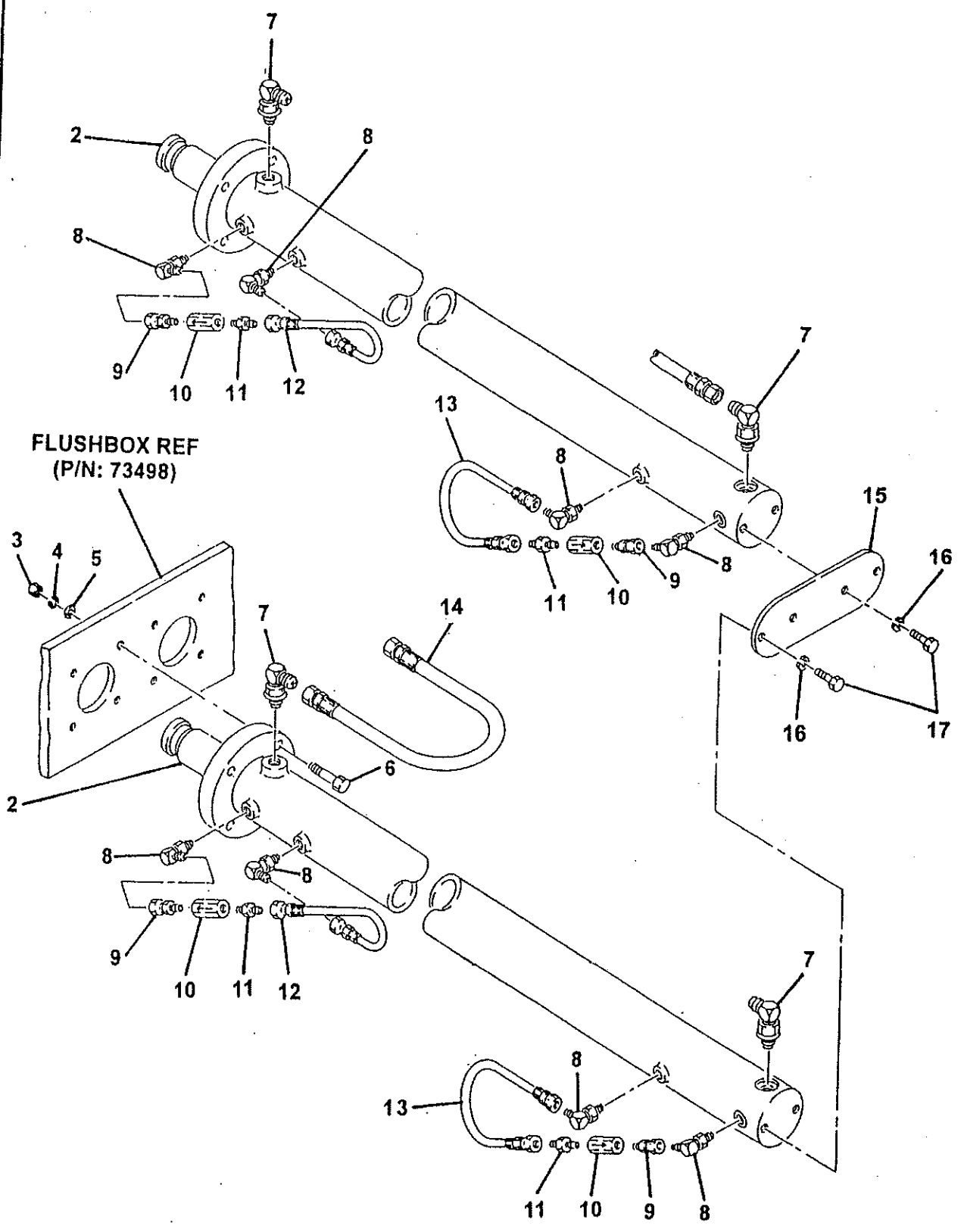
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	60-08	Assembly, Flushbox (See Group 60, Figure 01 and Figure 02 for NHA)					Ref
-2	86106	• Assembly, Flush Box Cover					1
3		•• Nut, Hex					2
4		•• Washer, Lock					2
5	13257	•• Weatherstrip, Rubber					A/R
6	86010	•• Weldment, Flush Box Cover					1
7	86105	•• Knob					1
8	800418	•• Lanyard					1
9		•• Screw, Round Head					1
10	79056	•• Handle, Splash Guard					1
11	77998	• Sensor, Proximity Switch					2
12	77990	• Cable, Proximity Switch					2
-13	86307	• Assembly, 6 Inch Flush Box Group					1
14		•• Bolt, Hex					2
15		•• Washer, Lock					2
16	86006	•• Bracket, Proximity Switch					1
17	86665	•• Stud					1
18	10528	•• Nut					1
19	10522	•• Conduit, Fitting (Proximity wires must be removed to replace fitting)					1
20		•• Bolt, Hex					4
21	86093	•• Weldment, Flush Box					1
22	10224	• Bushing, Hex					1
23	10355	• Nipple					1
24	56413	• Valve, Ball					1
25	74944	• Plug					1

DASH (-) ITEM NOT ILLUSTRATED



HYDRAULIC DRIVE CYLINDER ASSEMBLY

C50HP
PARTS
GROUP 60
FIGURE 06
PAGE 01



FLUSHBOX REF
(P/N: 73498)

REVISION:

REED**HYDRAULIC DRIVE
CYLINDER ASSEMBLY****C50HP
PARTS
GROUP 60
FIGURE 06
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	60-06	Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 01 for NHA)					Ref
2	70984	• Sub-Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 07 for DET)					1
3		• Nut, Hex (attaching parts)					8
4		• Washer, Lock (attaching parts)					8
5	77396	• Washer, Thread (attaching parts)					8
6		• Bolt (attaching parts)					8
7		• Fitting, 90					4
8		• Fitting, 90					8
9		• Fitting, STR					4
10	74857	• Valve, Check					4
11		• Fitting, STR					4
12	74615	• Assembly, Hose					2
13	79469	• Assembly, Hose					2
14	85427	• Assembly, Tube					1
15	73183	• Plate, End					1
16		• Washer, Lock (attaching parts)					4
17		• Bolt, Hex (attaching parts)					4

DASH (-) ITEM NOT ILLUSTRATED



HYDRAULIC DRIVE CYLINDER SUB-ASSEMBLY

C50HP
PARTS
GROUP 60
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	86222	Assembly, Drive Cylinder (See Group 60, Figure 06 for NHA)					Ref
2		• Ring, Threaded					1
3		• Gland, Head					1
4		• Rod, Cylinder					1
5		• Piston					1
6		• Nut, Piston					1
7		• Plug					4
8		• Weldment, Cylinder Case					1
-9	86222-SK	• Kit, Seal					1
10		• • Wiper, Rod					1
11		• • Plug, Nylon					1
12		• • Ring, Back Up					1
13		• • U-Cup					1
14		• • Seal, Buffer					1
15		• • O-Ring					2
16		• • Ring, Back Up					2
17		• • O-Ring					1
18		• • Seal, Piston					2
19		• • Ring, Wear					1

DASH (-) ITEM NOT ILLUSTRATED

REED

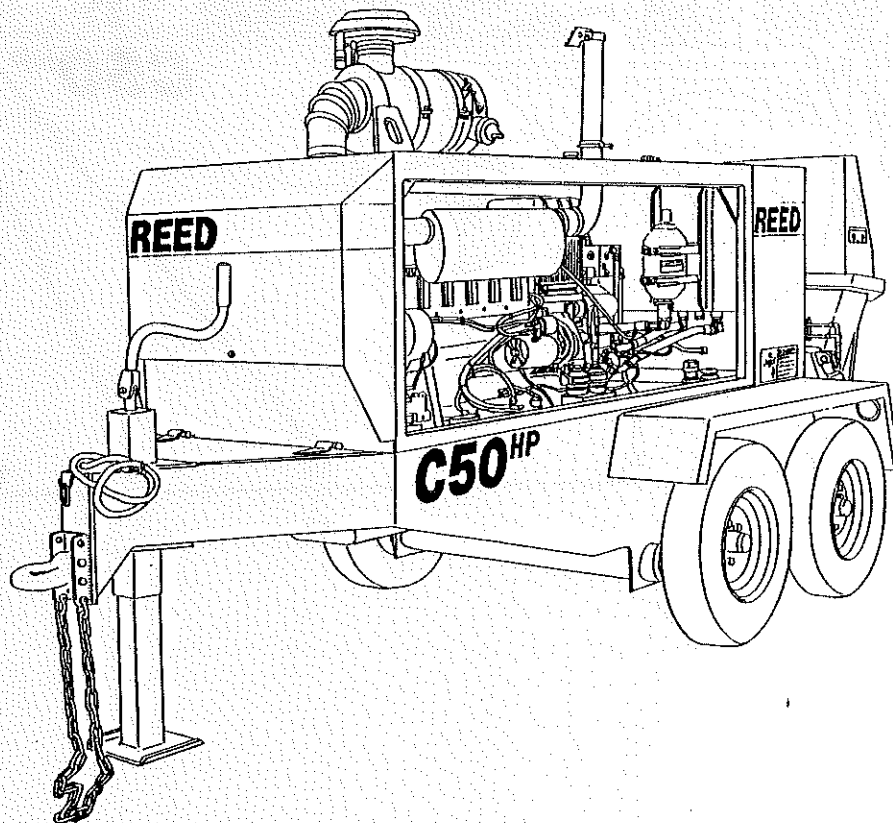
**TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL**

**C50HP
PARTS
GROUP 60
FIGURE 08
PAGE 01**

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REED TRAILER MOUNTED CONCRETE PUMP MODEL **C50HP** ILLUSTRATED PARTS MANUAL GROUP 70 FRAME INSTALLATION CONTAINS THE FOLLOWING FIGURES:

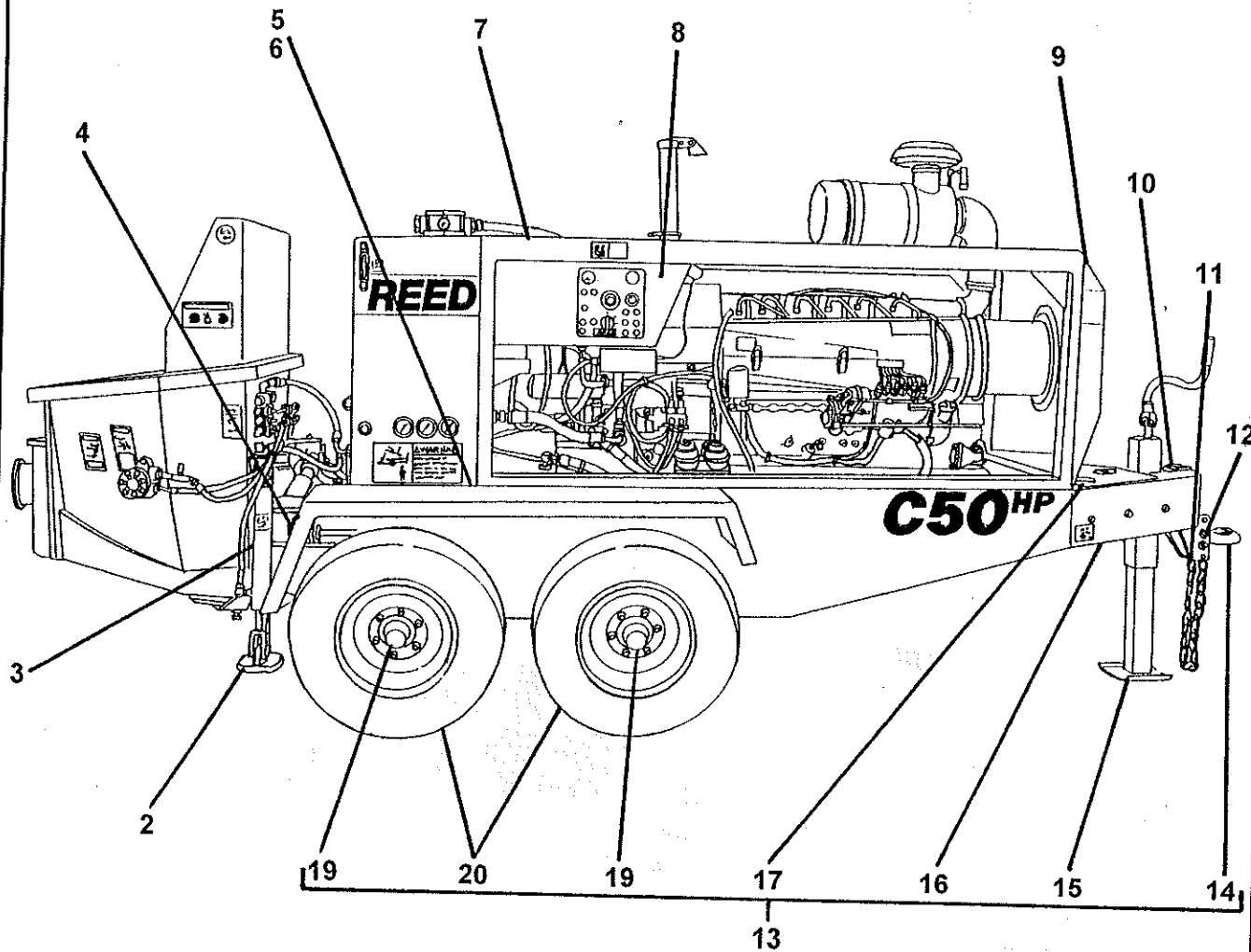
- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** FRAME INSTALLATION
- FIGURE 02** HYDRAULIC OUTRIGGER CYLINDER ASSEMBLY
- FIGURE 03** HUB AND BRAKE ASSEMBLY
- FIGURE 04** NON-OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY
- FIGURE 05** OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY



REED

FRAME INSTALLATION

C50HP
PARTS
GROUP 70
FIGURE 01
PAGE 01



REVISION:

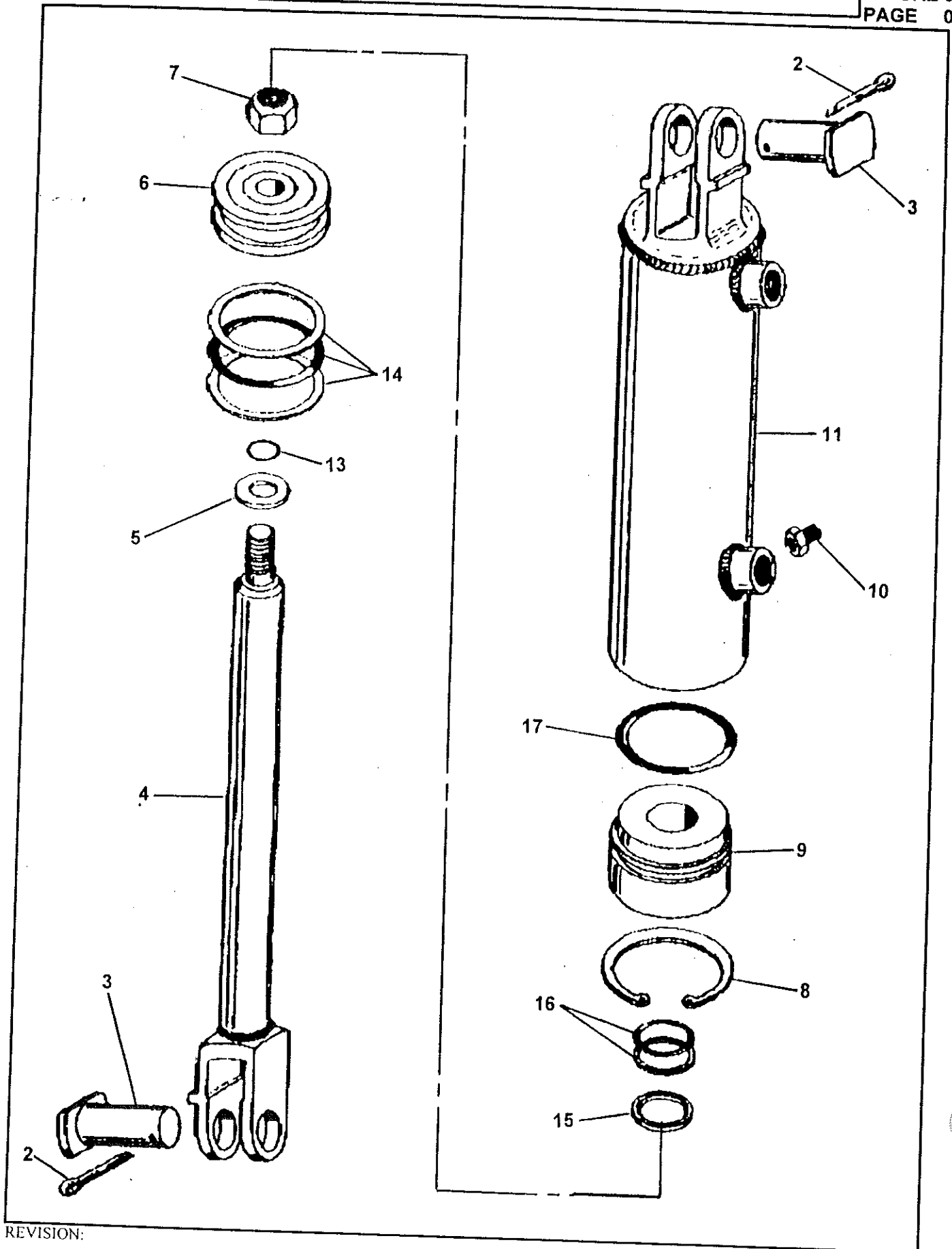
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-01	Installation, Frame (See Group 10, Figure 01 for NHA)	Ref
2	85500	• Weldment, Outrigger Inner	2
3	85640	• Assembly, Hydraulic Outrigger Cylinder (See Group 70, Figure 02 for REF)	2
4	72948	• Light, Tail	2
5	85394	• Weldment, Right Fender	1
6	85395	• Weldment, Left Fender	1
7	77179	• Weldment, Lifting Structure	1
8	85391	• Cover, Control Box	1
9	85406	• Cover, Front	1
10	86532	• Assembly, Trailer Wiring Harness (See Schematic Section for REF)	1
11	71048	• Chain, 36 LK CWR	1
12	71049	• Clevis, Double	2
13	85435	• Assembly, Frame	1
14	71051	• • Lunette, 3 Inch Eye	1
15	85123	• • Weldment, Jack	1
16	77086	• • Weldment, Frame	1
17	85338	• • • Cover, Tool Box	1
-18	85383	• • Axle <i>INCLUDES HUB & BRAKE ASSY</i>	2
19	70-03	• • Assembly, Hub and Brake (See Group 70, Figure 03 for DET)	4
20	85423	• • Assembly, Wheel and Tire	4
-21	71949	• Grommet, Trailer	3
-22	10196	• Lok, Trim 1.5 FT	1

DASH (-) ITEM NOT ILLUSTRATED

REED

HYDRAULIC OUTRIGGER CYLINDER ASSEMBLY

C50HP
PARTS
GROUP 70
FIGURE 02
PAGE 01



REVISION:



HYDRAULIC OUTRIGGER CYLINDER ASSEMBLY

C50HP
PARTS
 GROUP 70
 FIGURE 02
 PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	85640	Assembly, Hydraulic Outrigger Cylinder (See Group 70, Figure 01 for NHA)					Ref
2		• Pin, Safety					2
3		• Pin, Clevis					2
4		• Assembly, Shaft					1
5		• Washer, Steel					1
6		• Piston					1
7		• Nut, Piston Lock					1
8		• Ring, Head Lock					1
9		• Head					1
10		• Screw, Head Set					1
11		• Assembly, Tube					1
-12	74497	• Kit, Seal					1
13		•• O-Ring, Small					1
14		•• Sub-Assembly, Piston O-Ring					1
15		•• Wiper, Rod					1
16		•• Packing, Shaft (Pair)					1
17		•• O-Ring, Head					1

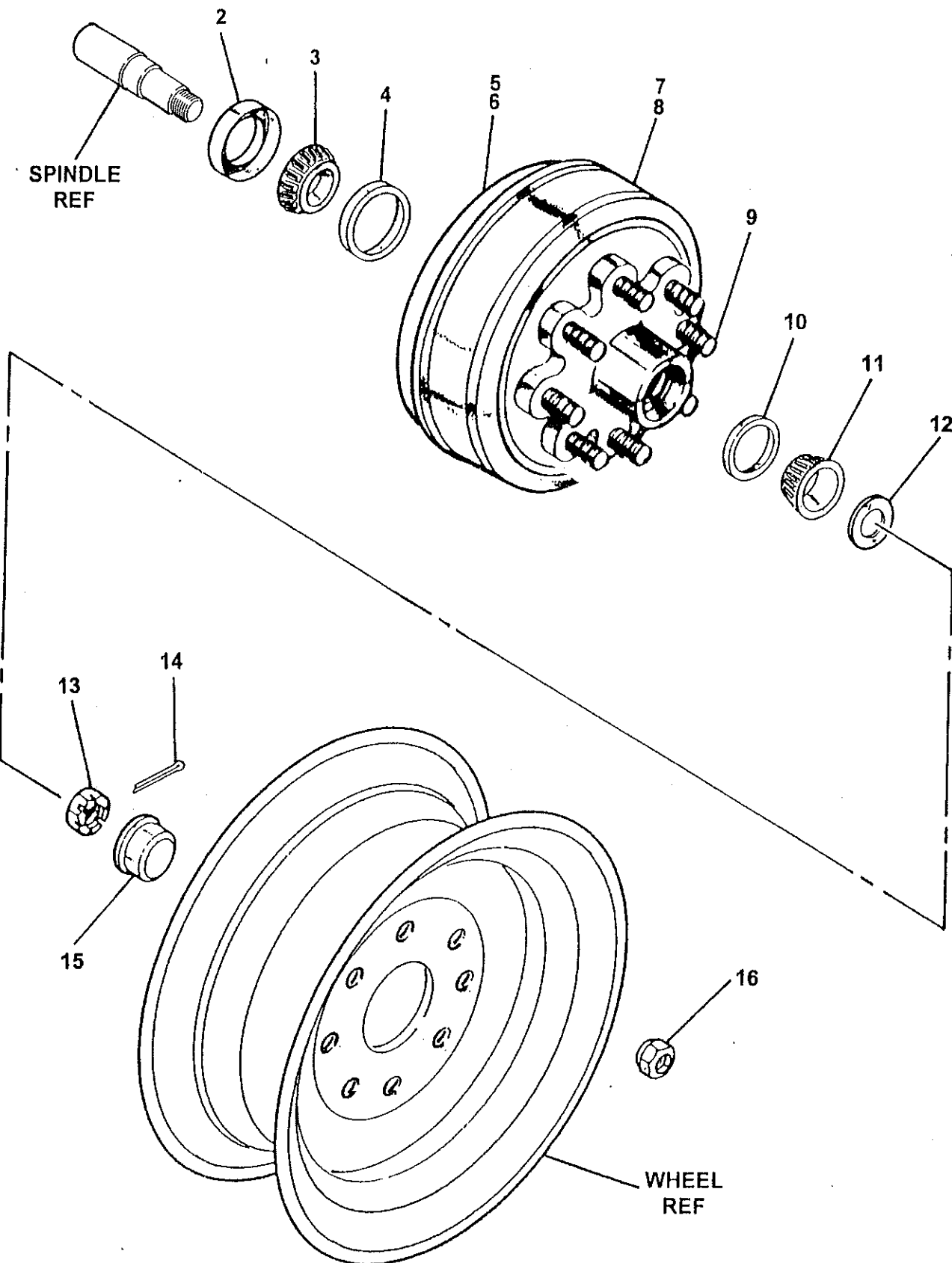
DASH (-) ITEM NOT ILLUSTRATED

85595 OUTRIGGER PIN
 800418 LAMMARD

REED

HUB AND BRAKE ASSEMBLY

C50HP
PARTS
GROUP 70
FIGURE 03
PAGE 01



REVISION:

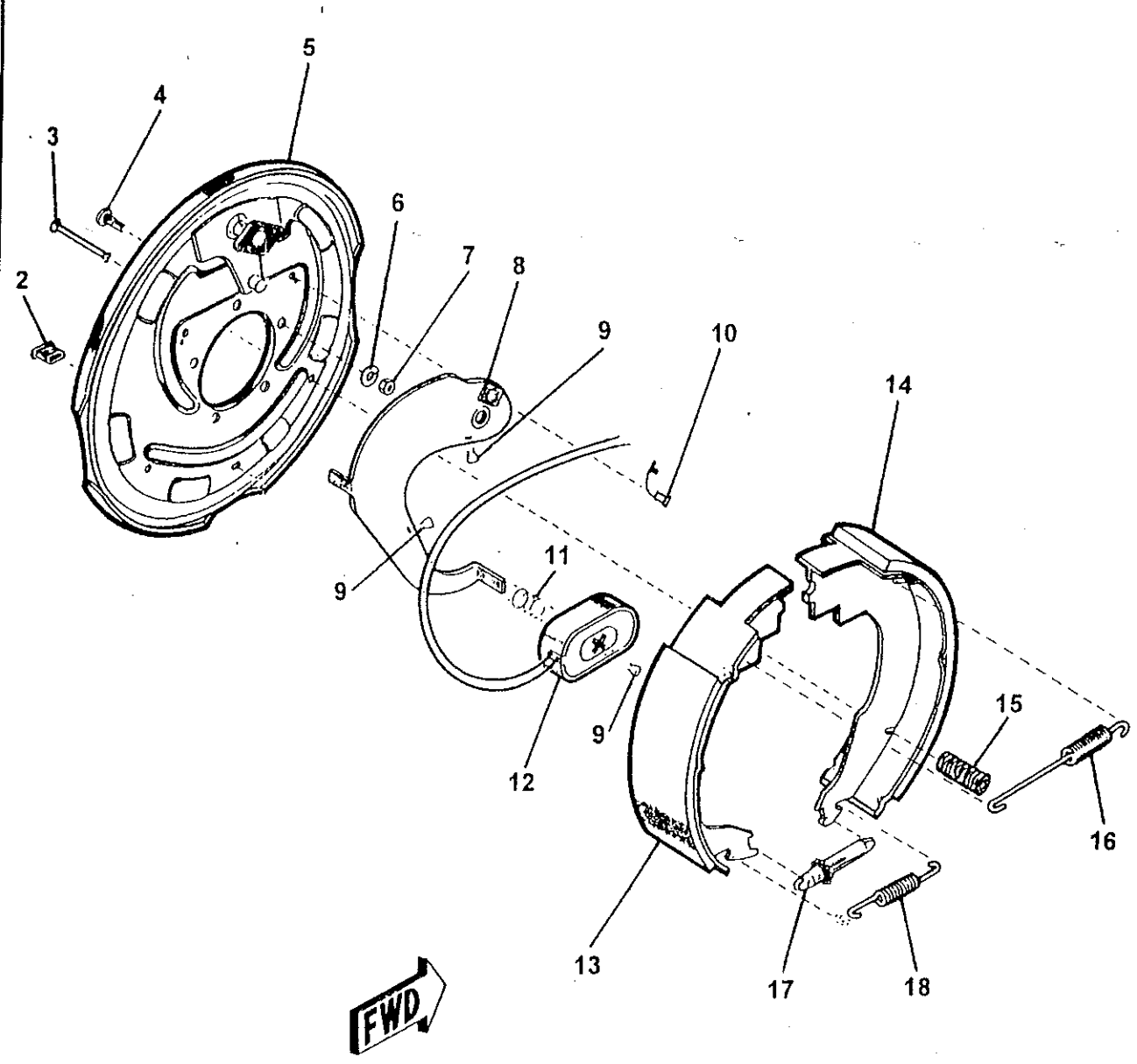
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	70-03	Assembly, Hub and Brake (See Group 70, Figure 01 for NHA)					Ref
2	71095	• Seal, Grease					1
3	71094	• Bearing, Inner					1
4	71092	• Cup, Inner Bearing					1
5	71056-L	• Assembly, Non-Operator Electric Brake (See Group 70, Figure 04 for DET)					1
6	71056-R	• Assembly, Operator Electric Brake (See Group 70, Figure 05 for DET)					1
7	71071	• Assembly, Hub					2
8	71070	• Assembly, Drum					2
9		• Bolt, Wheel					8
10	71091	• Cup, Outer Bearing					1
11	71098	• Bearing, Outer					1
12	71081	• Washer, Spindle					1
13	71089	• Nut, Spindle					1
14	71088	• Pin, Cotter					1
15	71096	• Cap, Dust					1
16	71075	• Nut, Wheel					8

DASH (-) ITEM NOT ILLUSTRATED



NON OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY

C50HP
PARTS
GROUP 70
FIGURE 04
PAGE 01



REVISION:

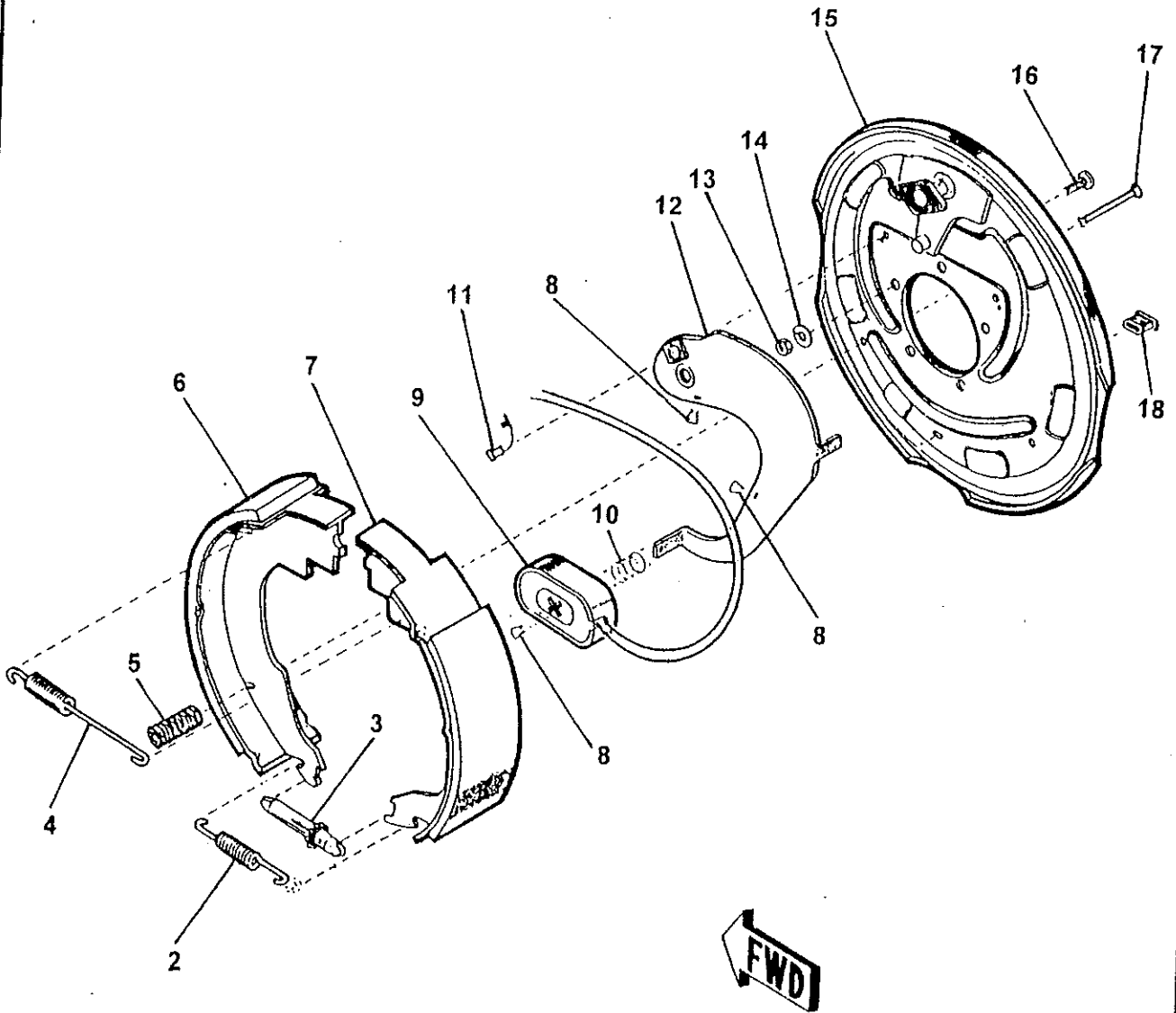
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	71056-L	Assembly, Non-Operator Side Electric Brake (See Group 70, Figure 03 for NHA)	Ref
2		• Slot, Plug Adjust	1
3		• Pin, Shoe Hold down	1
4		• Stud, Brake Mounting	5
5		• Assembly, Baking Plate	1
6		• Washer, Brake Lock	5
7		• Nut, Brake Mounting	5
8		• Lever, Non-Operator Side	1
9		• Clip, Wire and Magnet	3
10		• Relief, Strain	2
11		• Spring, Magnet	1
12		• Sub-Assembly, Magnet	1
13		• Shoe and Lining, Primary	1
14		• Shoe and Lining, Secondary	1
15		• Spring, Shoe Hold down	1
16		• Spring, Shoe Retractor	1
17		• Sub-Assembly, Adjuster Screw	1
18		• Spring, Adjuster Screw	1

DASH (-) ITEM NOT ILLUSTRATED

REED

OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY

C50HP
PARTS
GROUP 70
FIGURE 05
PAGE 01



REVISION:



OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY

C50HP
PARTS
GROUP 70
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	71056-R	Assembly, Operator Side Electric Brake (See Group 70, Figure 03 for NHA)					Ref
2		• Spring, Adjuster Screw					1
3		• Sub-Assembly, Adjuster Screw					1
4		• Spring, Shoe Retractor					1
5		• Spring, Shoe Hold down					1
6		• Shoe and Lining, Secondary					1
7		• Shoe and Lining, Primary					1
8		• Clip, Wire and Magnet					3
9		• Sub-Assembly, Magnet					1
10		• Spring, Magnet					1
11		• Relief, Strain					2
12		• Lever, Operator Side					1
13		• Nut, Brake Mounting					5
14		• Washer, Brake Lock					5
15		• Assembly, Baking Plate					1
16		• Stud, Brake Mounting					5
17		• Pin, Shoe Hold down					1
18		• Slot, Plug Adjust					1

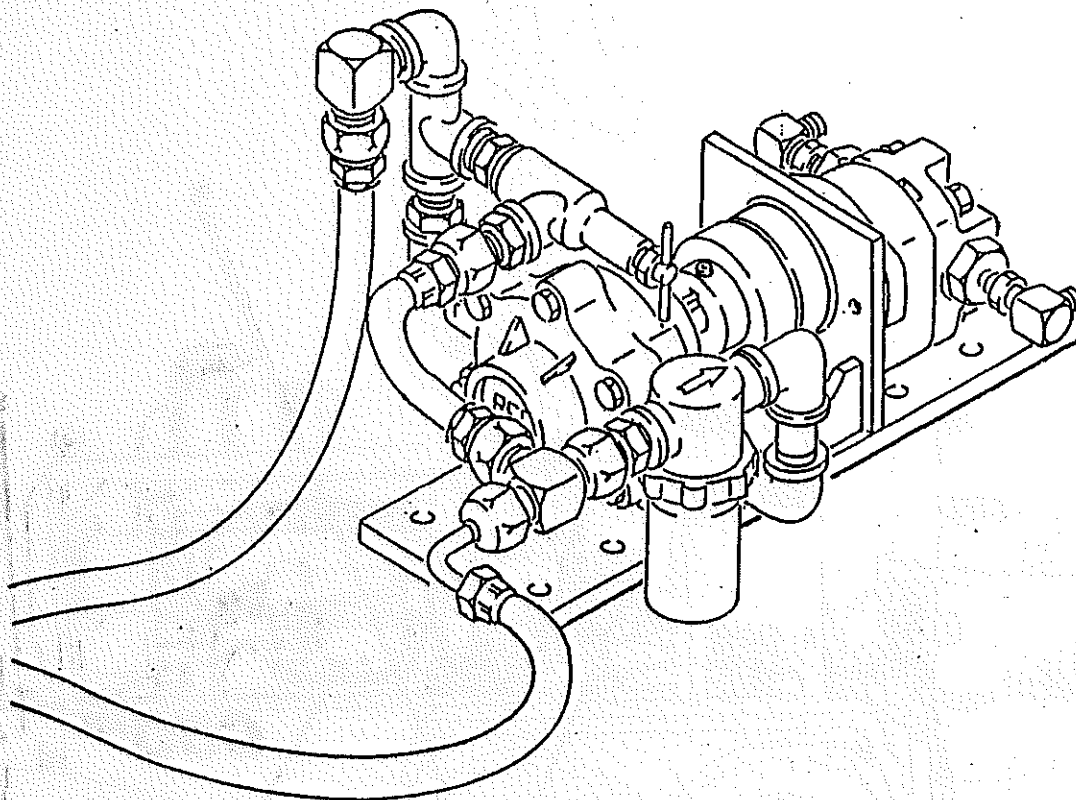
DASH (-) ITEM NOT ILLUSTRATED

REED

TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL

C50HP
PARTS
GROUP 70
FIGURE 06
PAGE 01

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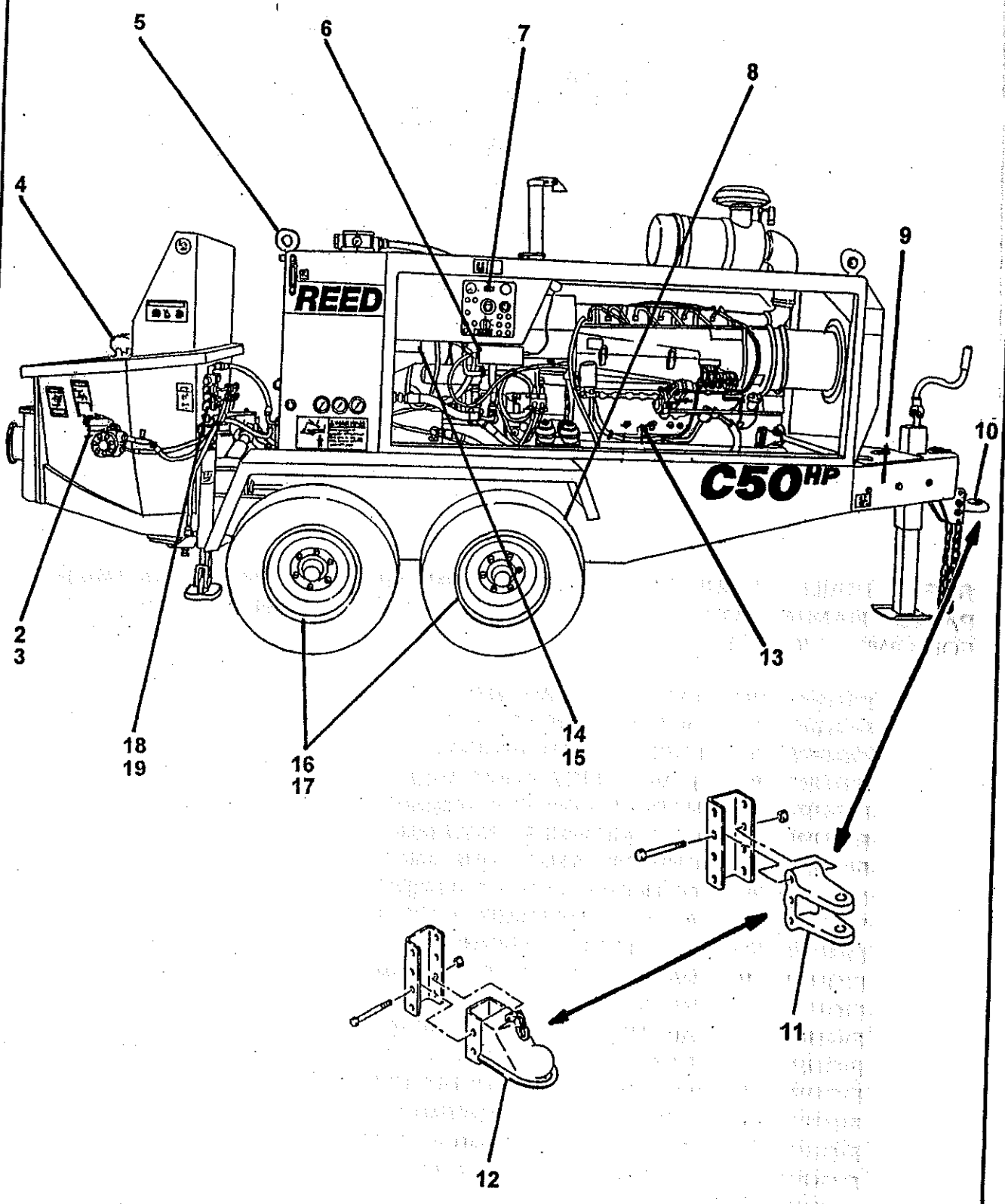
REED TRAILER MOUNTED CONCRETE PUMP MODEL **C50HP** ILLUSTRATED PARTS MANUAL GROUP 80 OPTIONAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

- FIGURE 00 TABLE OF CONTENTS
- FIGURE 01 OPTIONAL INSTALLATION
- FIGURE 02 LUBE SYSTEM ASSEMBLY
- FIGURE 03 12 VOLT LUBE PUMP ASSEMBLY
- FIGURE 04 HOPPER VIBRATOR ASSEMBLY
- FIGURE 05 CHROME WHEEL ASSEMBLY
- FIGURE 06 CHROME WHEEL HUB AND BRAKE ASSEMBLY
- FIGURE 07 OPTIONAL TOOL KIT ASSEMBLY
- FIGURE 08 ACTUATOR BRAKES ASSEMBLY
- FIGURE 09 WASH PUMP ASSEMBLY
- FIGURE 10 WASH WATER PUMP ASSEMBLY
- FIGURE 11 WASH PUMP MOTOR ASSEMBLY
- FIGURE 12 ACCUMULATOR CHARGE KIT
- FIGURE 13 NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
- FIGURE 14 OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
- FIGURE 15 1 SPOOL VALVE ASSEMBLY
- FIGURE 16 1 SPOOL VALVE SUB-ASSEMBLY
- FIGURE 17 2 SPOOL VALVE ASSEMBLY
- FIGURE 18 2 SPOOL VALVE SUB-ASSEMBLY

REED

OPTIONAL INSTALLATION

C50HP
PARTS
GROUP 80
FIGURE 01
PAGE 01



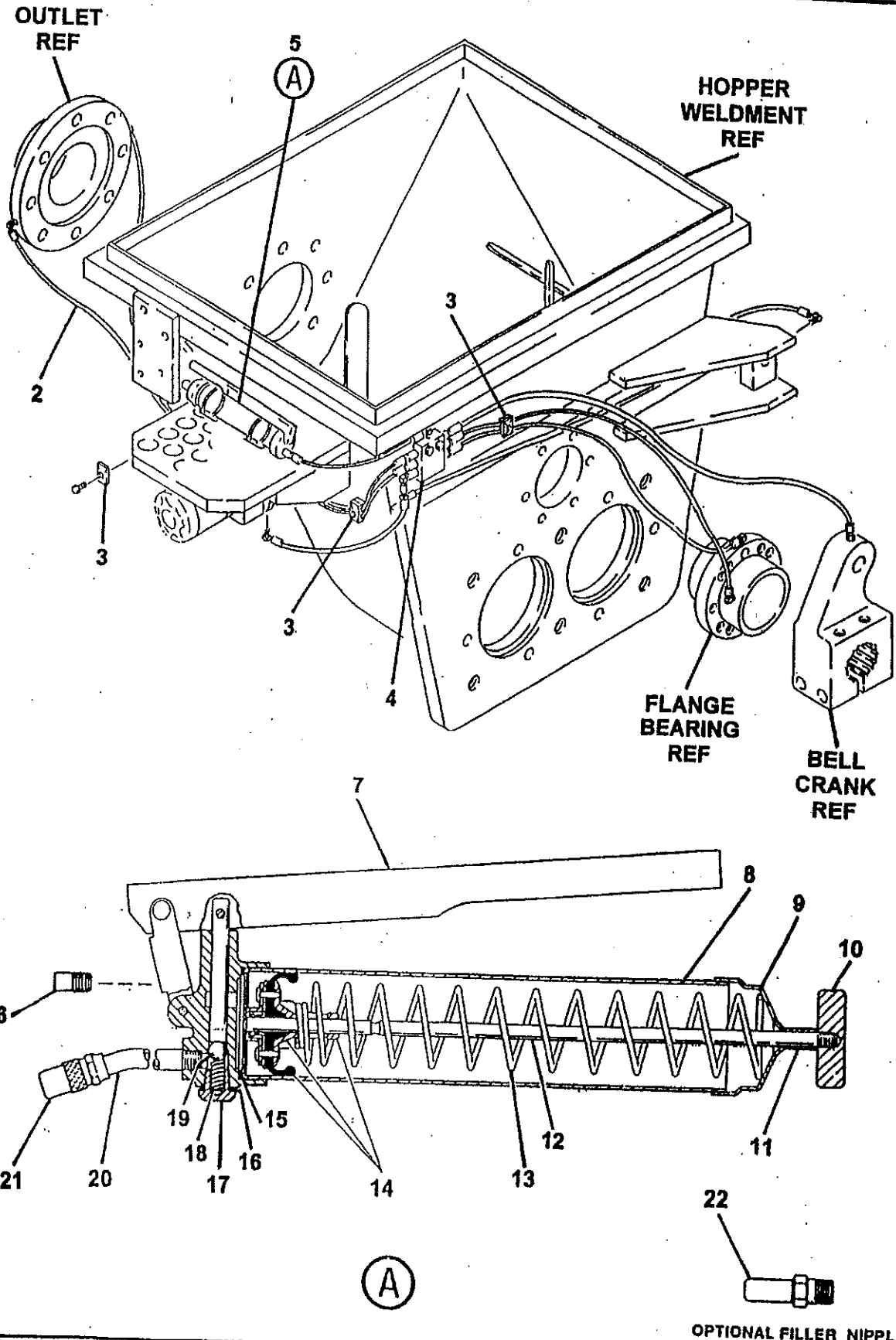
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-01	Installation, Optional (See Group 10, Figure 01 and Figure 02 for NHA)	Ref
2	80-02	• Assembly, Lube System (See Group 80, Figure 02 for DET)	1
3	78736	• Assembly, Lube Pump (See Group 80, Figure 03 for DET)	1
4	71429	• Assembly, Hopper Vibration (See Group 80, Figure 04 for DET)	1
5	85810	• Assembly, Optional Lifting	1
6	85818	• Assembly, Radio Remote Control (See Group 50, Figure 04 for REF)	1
7	85774	• Assembly, Stroke Counter	1
8	80-05	• Assembly, Chrome Wheel (See Group 80, Figure 05 for DET)	1
9	79020	• Assembly, Optional Tool Kit (See Group 80, Figure 07 for DET)	1
10	75413	• Assembly, Actuator Brake (See Group 80, Figure 08 for DET)	1
11	71050	• Assembly, Adjustable 1 Inch Clevis	1
12	71099	• Assembly, Adjustable Ball Coupler 2 - 5/16"	1
13	86400	• Assembly, Wash Pump (See Group 80, Figure 09 for DET)	1
14	71460	• Kit, Accumulator Charge (See Group 80, Figure 12 for DET)	1
15	30-11	• Kit, Bladder Repair (See Group 30, Figure 11 for REF)	1
16	80-13	• Assembly, Non-Operator Side Hydraulic Brake (See Group 80, Figure 13 for DET)	2
17	80-14	• Assembly, Operator Side Hydraulic Brake (See Group 80, Figure 14 for DET)	2
18	80-15	• Assembly, 1 Spool Valve (See Group 80, Figure 15 for DET)	1
19	80-17	• Assembly, 2 Spool Valve (See Group 80, Figure 17 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

REED

LUBE SYSTEM ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 02
PAGE 01



REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	78736	Assembly, Lube Pump (See Group 80, Figure 01 for NHA)					Ref
2		• Reservoir					1
3		• House					1
4		• Paddle, Stirring					1
5		• Washer					1
6		• Ring, Bearing					2
7		• Bearing					1
8		• O-Ring					2
9		• Plate, Intermediate					1
10		• Shim					1
11		• Ring, Snap					2
12		• Ring, Inner					1
13		• Cam, Eccentric					1
14		• Screw					3
15		• Washer					3
16		• O-Ring					3
17		• Housing, Pump					1
18		• Plug, Closure					2
19		• Socket with Cord					1
20		• Packing, Flat					1
21		• Screw					4
22		• Plug					1
23		• Plug, Sealing					1
24		• Insert, Filter					1
25		• Spring					1
26		• Fitting, Grease					1
27		• Key, Woodruff					1
28		• Seal, Radial					1
29		• Motor, 12 VDC					1
30		• Cover, Housing					1
31		• Hose					1
32		• Element, Pump					1
33		• Gasket					1
34		• Valve, Check					1
35		• Assembly, Pressure Reliefs					1
36		• Cap, Grease					1
37		• Fitting, Grease					1
38		• Assembly, Adapter for Relief					1

DASH (-) ITEM NOT ILLUSTRATED

**HOPPER VIBRATOR ASSEMBLY
OPTIONAL INSTALLATION**

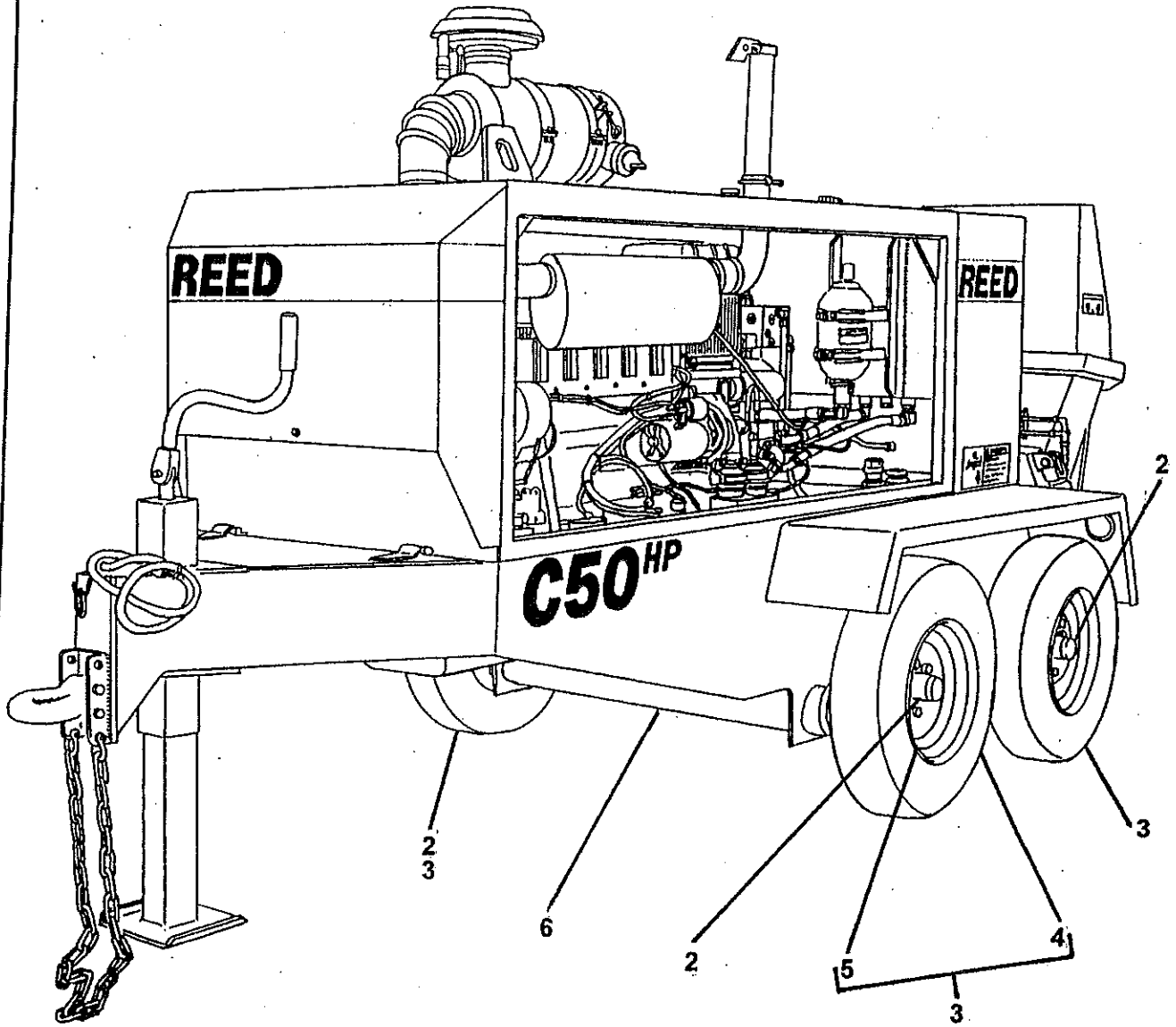
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	71429	Assembly, Hopper Vibrator (See Group 80, Figure 01 for NHA)					Ref
2		• Cap, End					2
3		• Bolt (attaching parts)					8
4		• Washer, Lock (attaching parts)					8
5		• Weight					2
6		• Screw, Set (attaching parts)					2
7		• O-Ring					4
8		• Bell, End					2
9		• Bearing					2
10		• Holder, Cord					1
11		• Gasket					1
12		• Cover, Box					1
13		• Screw (attaching parts)					4
14		• Sub-Assembly, Housing					1
15		• Brush					1
16		• Cap, Brush					2
17		• Gasket					2
18		• Cover, Brush					2
19		• Screw (attaching parts)					4
20		• Ring, Snap					2
21		• Assembly, Armature					1

DASH (-) ITEM NOT ILLUSTRATED

REED

CHROME WHEEL ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 05
PAGE 01



REVISION:

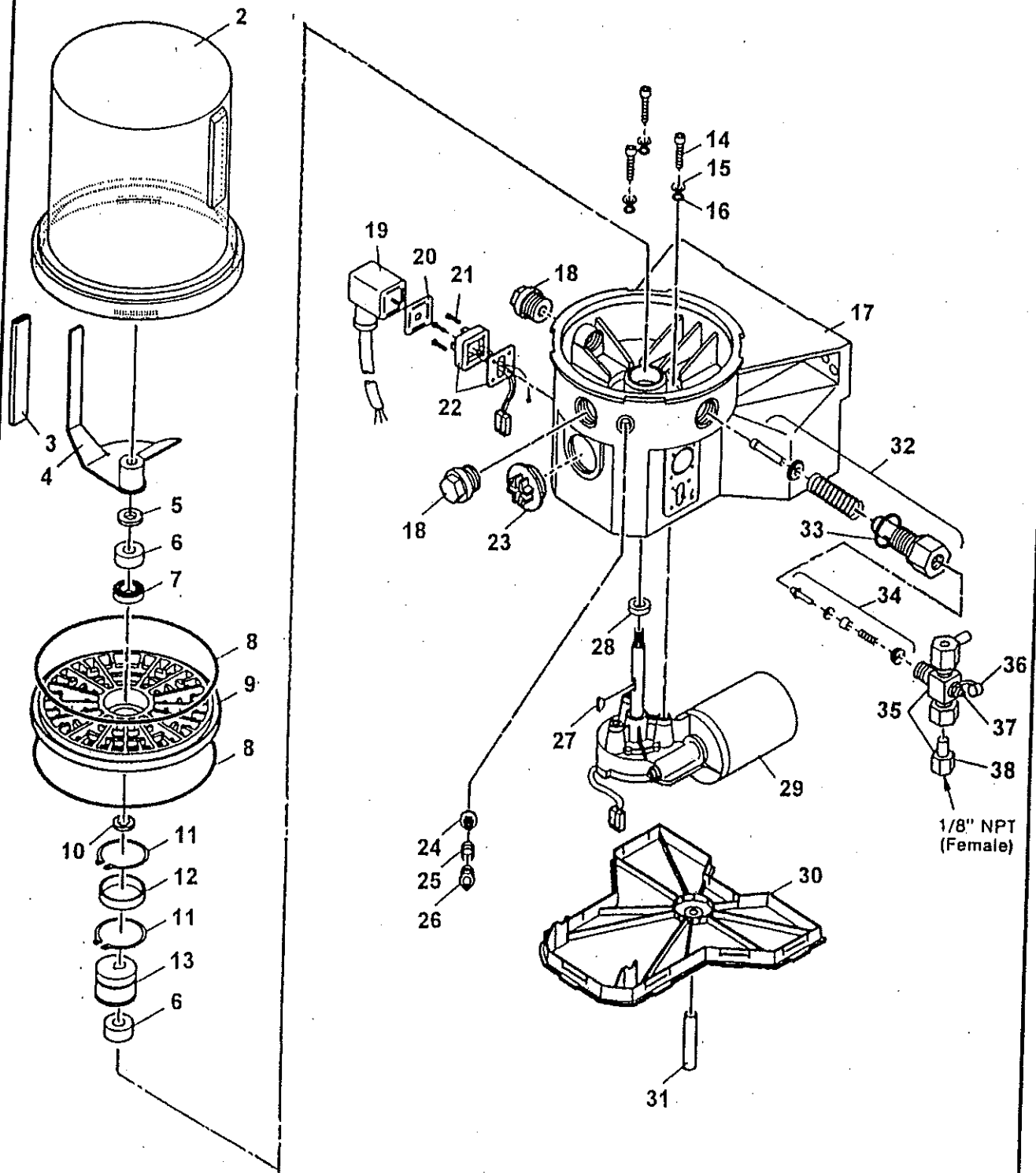
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-02	Assembly, Lube System (See Group 80, Figure 01 for NHA)	Ref
2		• Assembly, Lube Hose	A/R
3	75436	• Clamp, Pipe	3
4	72355	• Block, 6 Station Lube System	1
5	78532	• Gun, Grease	1
6		•• Plug	1
7		•• Handle, Pumping	1
8		•• Tube, Container	1
9		•• Cap, Tube	1
10		•• Handle, Follower	1
11		•• Spacer	1
12		•• Rod, Follower	1
13		•• Spring	1
14		•• Sub-Assembly, Follower	1
15		•• Packing, Container	1
16		•• Gasket	1
17		•• Housing, Spring	1
18		•• Spring	1
19		•• Ball, Check	1
20		•• Extension, Nozzle	1
21		•• Coupler, Hydraulic	1
22		•• Nipple, Filler (Optional Item)	1

DASH (-) ITEM NOT ILLUSTRATED



LUBE PUMP ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 03
PAGE 01



REVISION:



HOPPER VIBRATOR ASSEMBLY OPTIONAL INSTALLATION

C50HP
PARTS
GROUP 80
FIGURE 04
PAGE 02

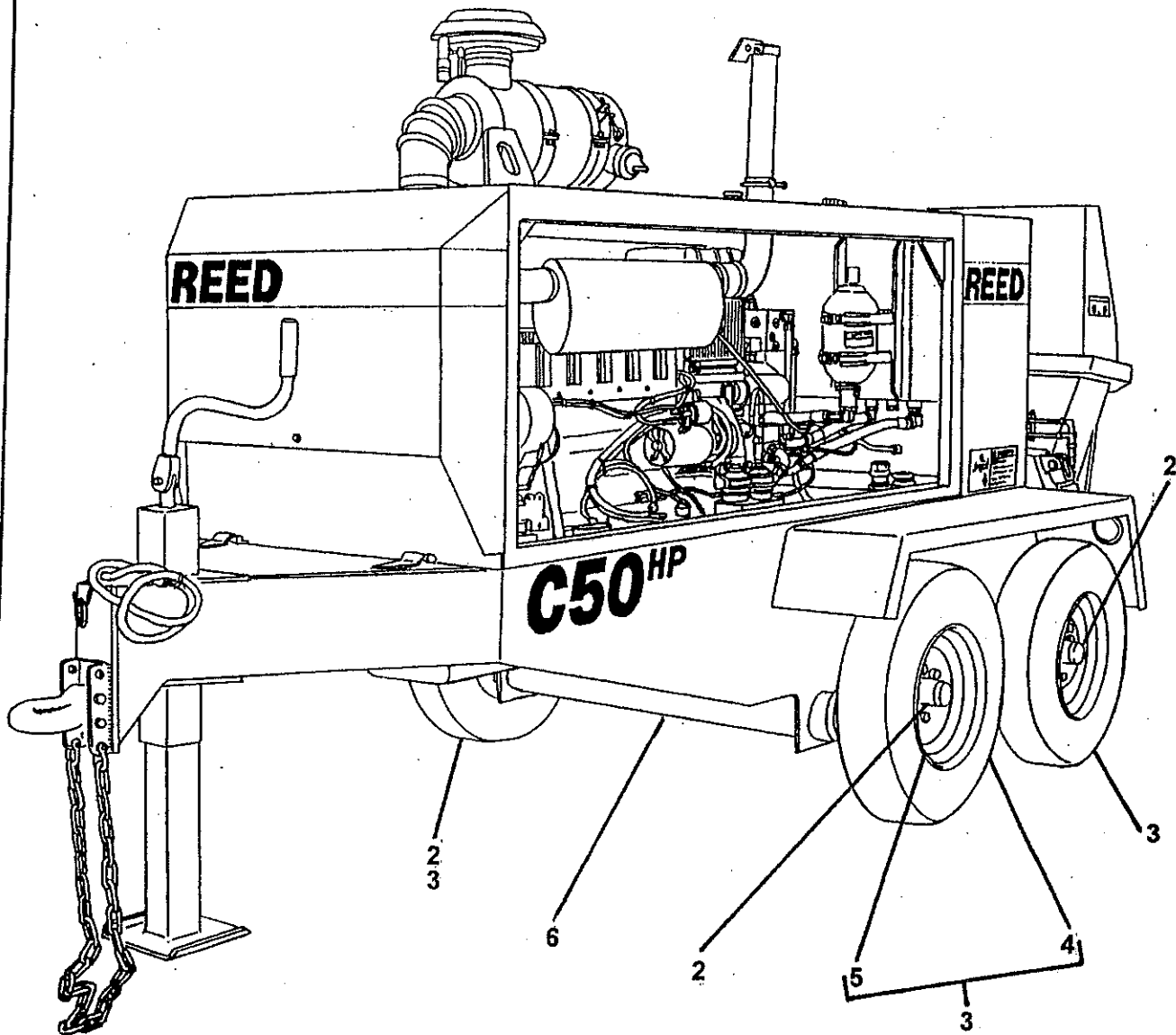
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	71429	Assembly, Hopper Vibrator (See Group 80, Figure 01 for NHA)					Ref
2		• Cap, End					2
3		• Bolt (attaching parts)					8
4		• Washer, Lock (attaching parts)					8
5		• Weight					2
6		• Screw, Set (attaching parts)					2
7		• O-Ring					4
8		• Bell, End					2
9		• Bearing					2
10		• Holder, Cord					1
11		• Gasket					1
12		• Cover, Box					1
13		• Screw (attaching parts)					4
14		• Sub-Assembly, Housing					1
15		• Brush					1
16		• Cap, Brush					2
17		• Gasket					2
18		• Cover, Brush					2
19		• Screw (attaching parts)					4
20		• Ring, Snap					2
21		• Assembly, Armature					1

DASH (-) ITEM NOT ILLUSTRATED

REED

CHROME WHEEL ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 05
PAGE 01



REVISION:



CHROME WHEEL ASSEMBLY
(OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 05
PAGE 02

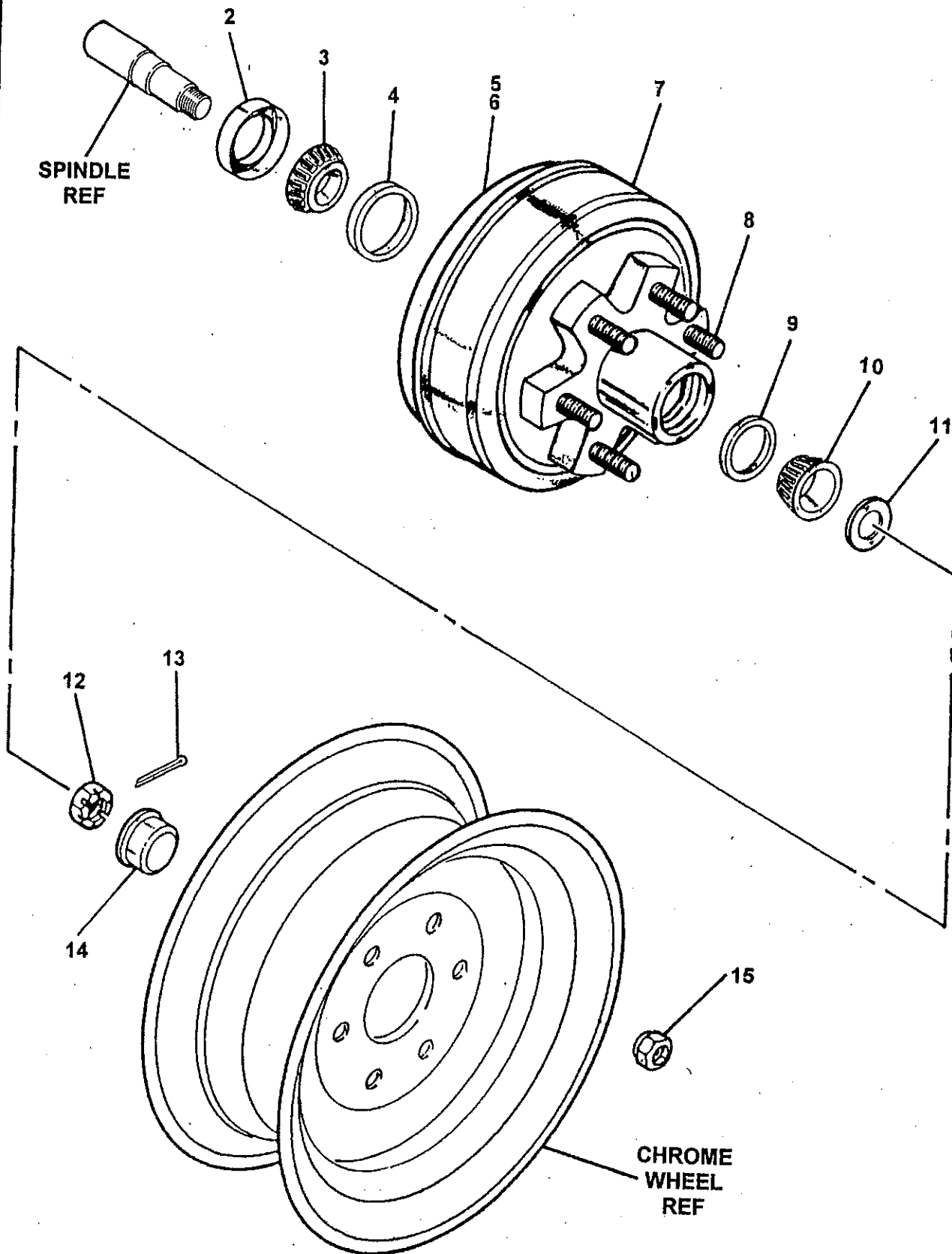
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-05	Assembly, Chrome Wheel (See Group 80, Figure 01 for NHA)	Ref
2	80-06	• Assembly, Chrome Wheel Hub and Brake (See Group 80, Figure 06 for DET)	4
3	73212	• Assembly, Chrome Wheel and Tire	4
4	73554	• • Tire	1
5	73555	• • Wheel	1
6	85383	• Axle	2

DASH (-) ITEM NOT ILLUSTRATED

REED

CHROME WHEEL HUB AND BRAKE ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 06
PAGE 01



REVISION:



**CHROME WHEEL
HUB AND BRAKE ASSEMBLY
(OPTIONAL INSTALLATION)**

**C50HP
PARTS
GROUP 80
FIGURE 06
PAGE 02**

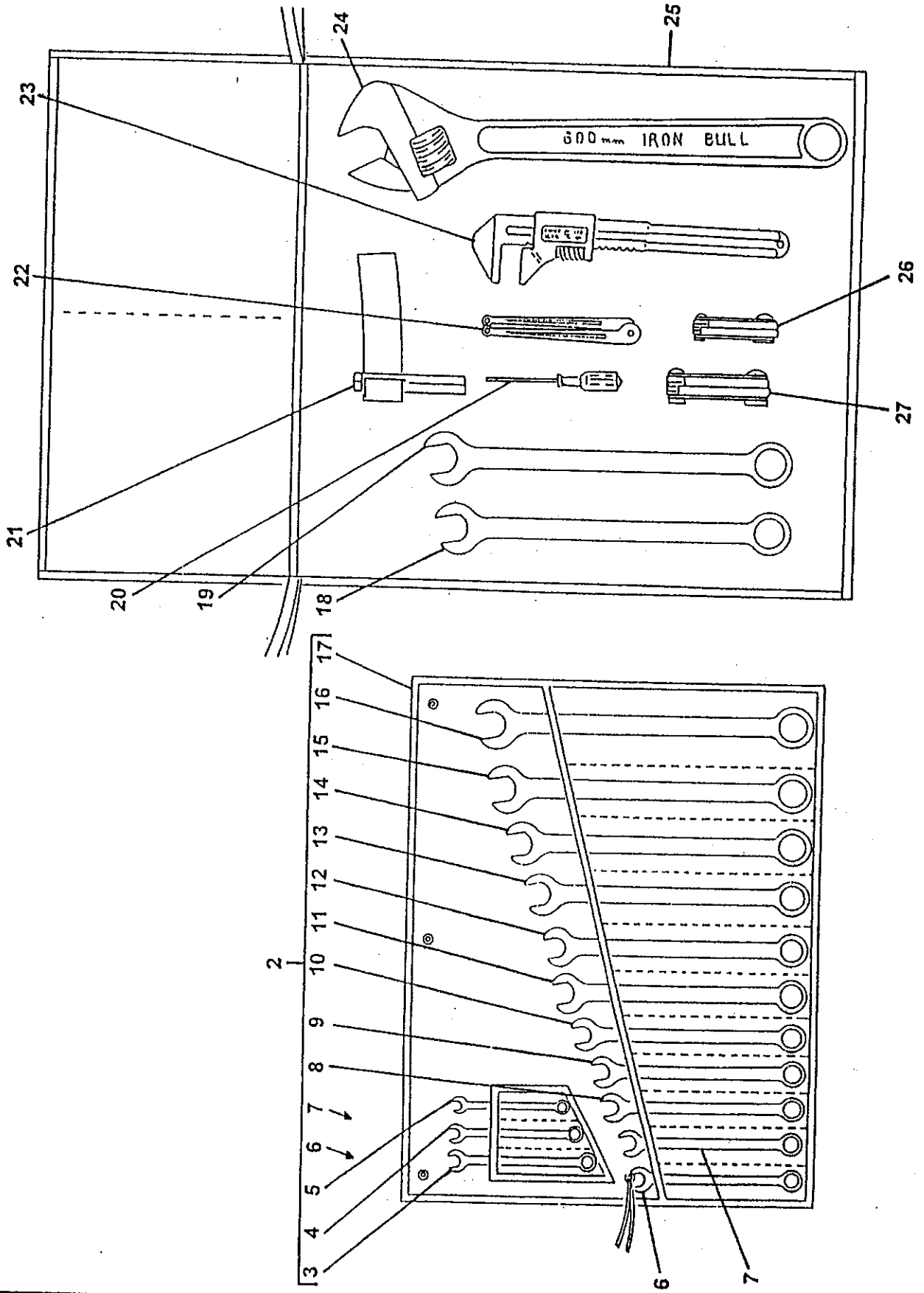
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-06	Assembly, Chrome Wheel Hub and Brake (See Group 80, Figure 05 for NHA)					Ref
2	71095	• Seal, Grease					1
3	71094	• Bearing, Inner					1
4	71092	• Cup, Inner Bearing					1
5	71056-L	• Assembly, Non-Operator Electric Brake (See Group 70, Figure 04 for DET)					1
6	71056-R	• Assembly, Operator Electric Brake (See Group 70, Figure 05 for DET)					1
7	73211	• Assembly, Hub					2
8	71070	• Assembly, Drum					2
9		• Bolt, Wheel					6
10	71091	• Cup, Outer Bearing					1
11	71098	• Bearing, Outer					1
12	71081	• Washer, Spindle					1
13	71089	• Nut, Spindle					1
14	71088	• Pin, Cotter					1
15	71096	• Cap, Dust					1
16	71075	• Nut, Wheel					6

DASH (-) ITEM NOT ILLUSTRATED

REED

OPTIONAL TOOL KIT

C50HP
PARTS
GROUP 80
FIGURE 07
PAGE 01



REVISION:

**ACTUATOR BRAKES ASSEMBLY
(OPTIONAL INSTALLATION)**

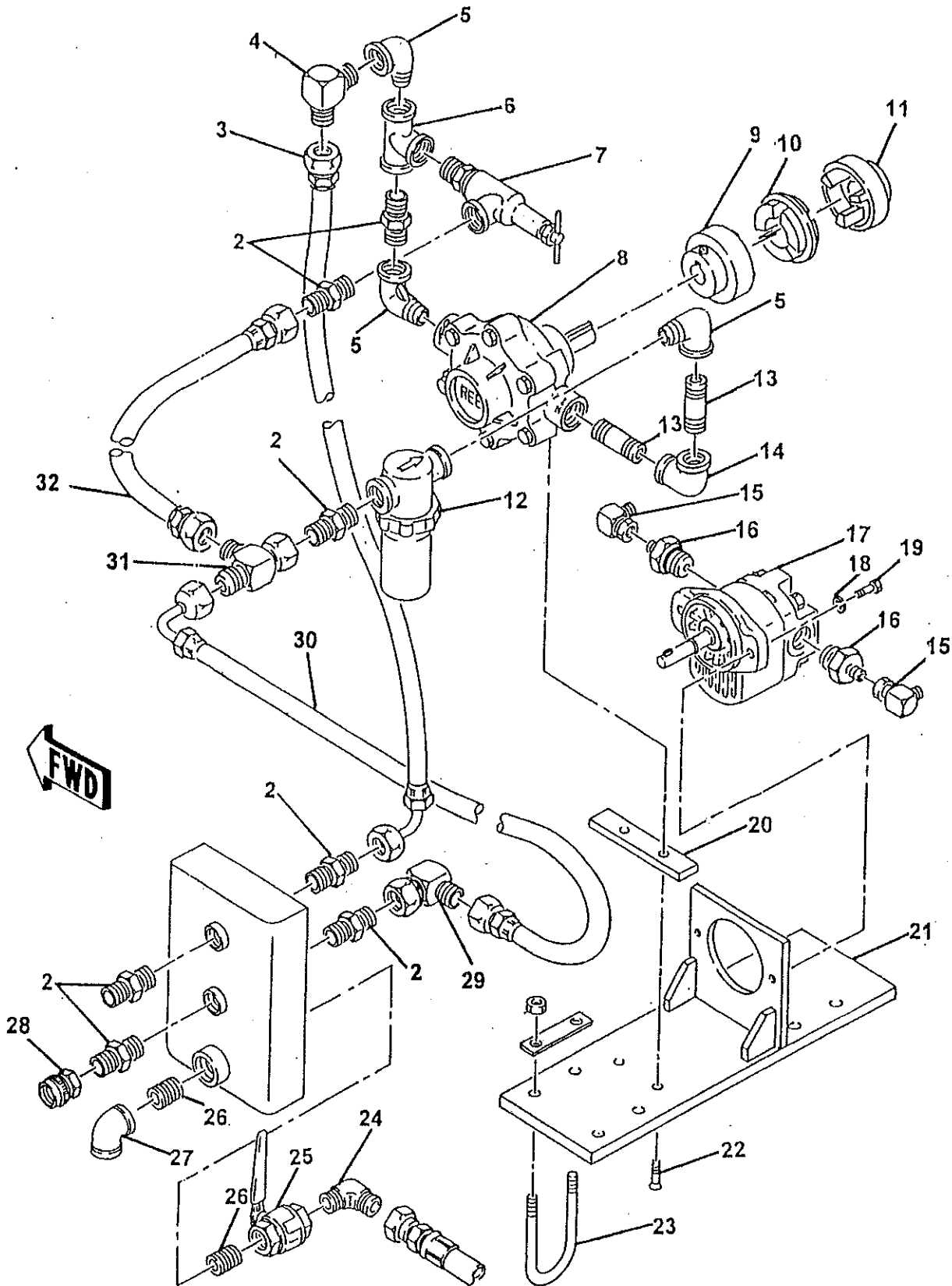
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	75413	Assembly, Actuator Brakes (See Group 80, Figure 01 for NHA)					Ref
2		• Case, Outer					1
3		• Spring, Breakaway					1
4		• Lever, Breakaway Pin					1
5		• • S-Hook					1
6		• Roller, Front					1
7		• Cover, Front Roller					1
8		• Pin, Front Roller					1
9		• Washer, Front Roller Pin					1
10		• Pin, Cotter					1
11		• Bearing					2
12		• Lunette Eye, Inner Side					1
13		• Pin, Master					1
14		• Roller, Rear					2
15		• Washer, Master Pin					1
16		• Pin, Cotter					1
17		• Pin, Damper					1
18		• Damper					1
19		• Pin, Cotter					1
20		• Bolt, Hex					2
21		• Rod, Push					1
22		• Plate, Cylinder Mounting					1
23		• Bolt, Self Topping					4
24		• Cylinder, Master					1
25		• Connector, Orifice					1
26		• Cap, Master Cylinder with Gasket					1
27		• Spring					2
28		• Washer					2
29		• Nut, hex					2

DASH (-) ITEM NOT ILLUSTRATED

REED

WASH PUMP ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 09
PAGE 01



REVISION:



WASH PUMP ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 09
PAGE 02

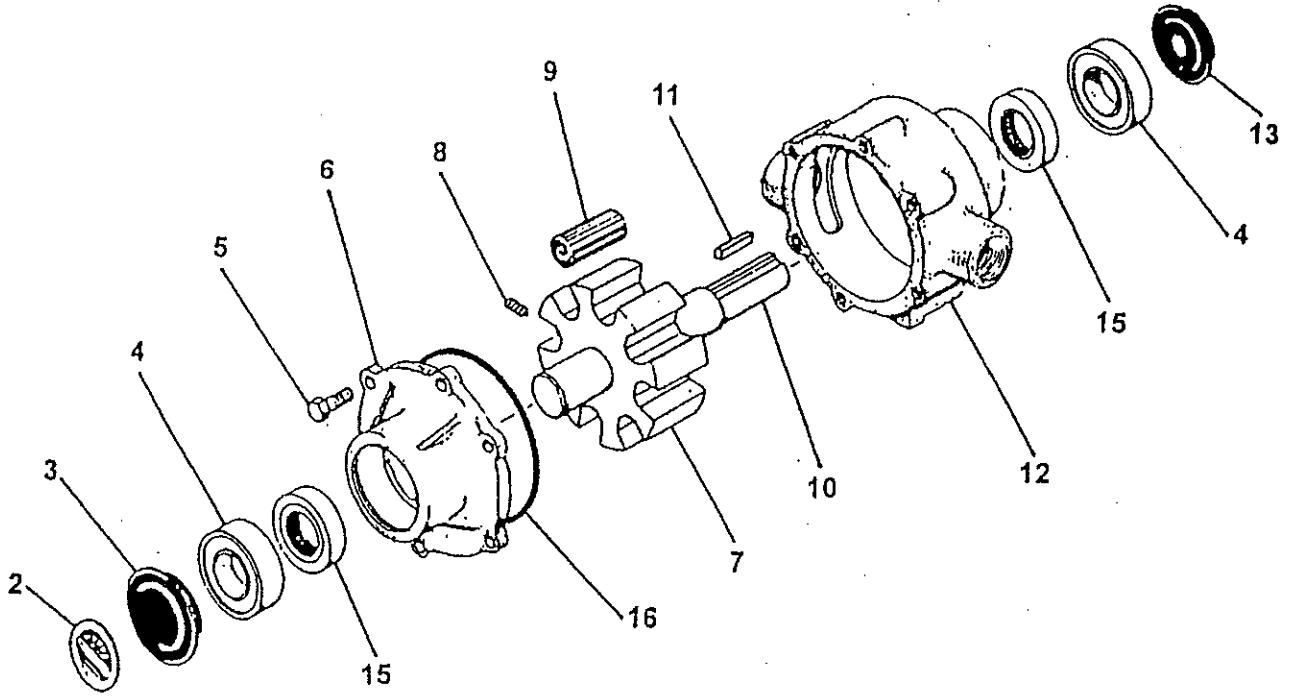
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	77528	Assembly, Wash Pump (See Group 80, Figure 01 for NHA)					Ref
2	70842	• Fitting, STR					7
3		• Assembly, Hose					1
4		• Fitting, 90					1
5	56412	• Street					3
6	10228	• Tee					1
7	78128	• Valve, Relief					1
8	78157	• Assembly Wash Water Pump (See Group 80, Figure 10 for DET)					1
9	78154	• Coupling, Wash Pump					1
10	78155	• Spider					1
11	78153	• Coupling, Wash Motor					1
12	78158	• Strainer					1
13	20144	• Nipple					2
14	20143	• Elbow, 90					1
15		• Fitting, 90					2
16		• Reducer					2
17	78152	• Assembly Wash Pump Motor (See Group 80, Figure 11 for DET)					1
18		• Washer (attaching parts)					2
19		• Bolt (attaching parts)					2
20	78772	• Plate, Wash Pump					1
21	78789	• Weldment, Wash Pump					1
22		• Screw (attaching parts)					2
23	79143	• U-Bolt, with Nut					4
24		• Fitting, 90					1
25	13186	• Valve, Ball					1
26		• Nipple					2
27		• Elbow, 90					1
28	12061	• Connector					1
29		• Fitting, 90					1
30		• Assembly, Hose					1
31		• Tee					1
32		• Assembly, Hose					1

DASH (-) ITEM NOT ILLUSTRATED

REED

WATER PUMP ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 10
PAGE 01



FWD →

REVISION:

**WATER PUMP ASSEMBLY
(OPTIONAL INSTALLATION)**

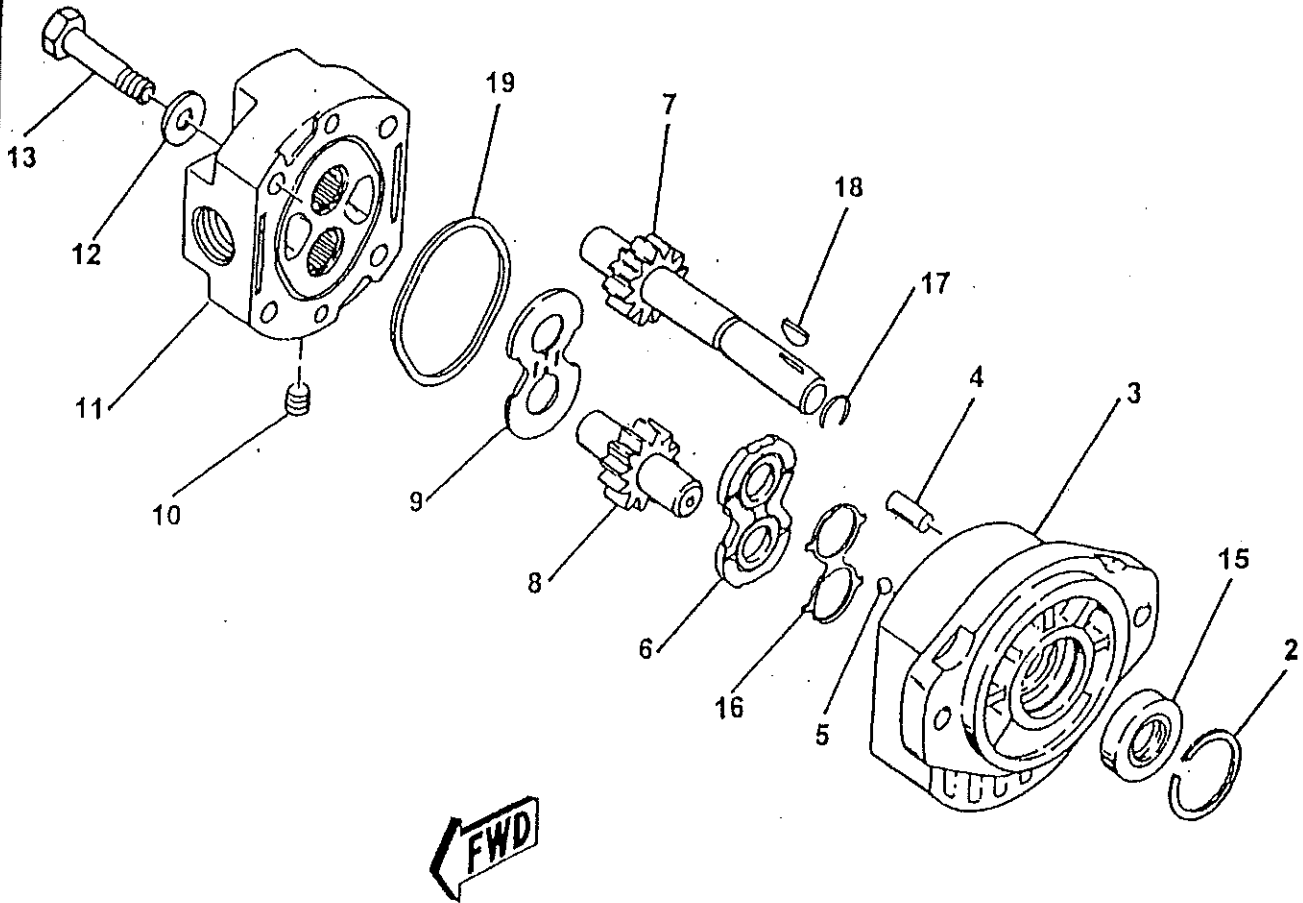
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	78157	Assembly, Wash Water Pump (See Group 80, Figure 09 for NHA)					Ref
2		• Plate, Name					1
3		• Cover, Bearing Rear					1
4		• Bearing, Sealed Bowl					2
5		• Endplate, (Ni-Resist) with Seal					1
6		• Bolt, Hex (attaching parts)					6
7		• Rotor, (Ni-Resist) with Shaft					1
8		• Screw, Set (attaching parts)					1
9		• Roller, Teflon					1
10		• Shaft					1
11		• Key					1
12		• Body, (Ni-Resist) with Seal					1
13		• Cover, Bearing Shaft					1
-14	72329	• Kit, Seal					1
15		• • Seal, Buna					2
16		• • Gasket, End Plate O-Ring					1

DASH (-) ITEM NOT ILLUSTRATED

REED

WASH PUMP MOTOR ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 11
PAGE 01



REVISION:

REED**WASH PUMP MOTOR ASSEMBLY****C50HP
PARTS
GROUP 80
FIGURE 11
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	78152	Assembly, Wash Pump Motor (See Group 80, Figure 09 for NHA)					Ref
2		• Retainer					1
3		• Assembly, Body					1
4		• Pin, Dowel					2
5		• Bearing, Ball					2
6		• Plate, Wear					1
7		• Gear, Driven Wear					1
8		• Gear, Driven					1
9		• Plate, Thrust					1
10		• Plug, Pipe					4
11		• Assembly, Cover					1
12		• Washer (attaching parts)					4
13		• Screw, Hex (attaching parts)					4
14		• Kit, Seal					1
15		• • Brush					1
16		• • Cap, Brush					1
17		• • Gasket					1
18		• • Cover, Brush					1

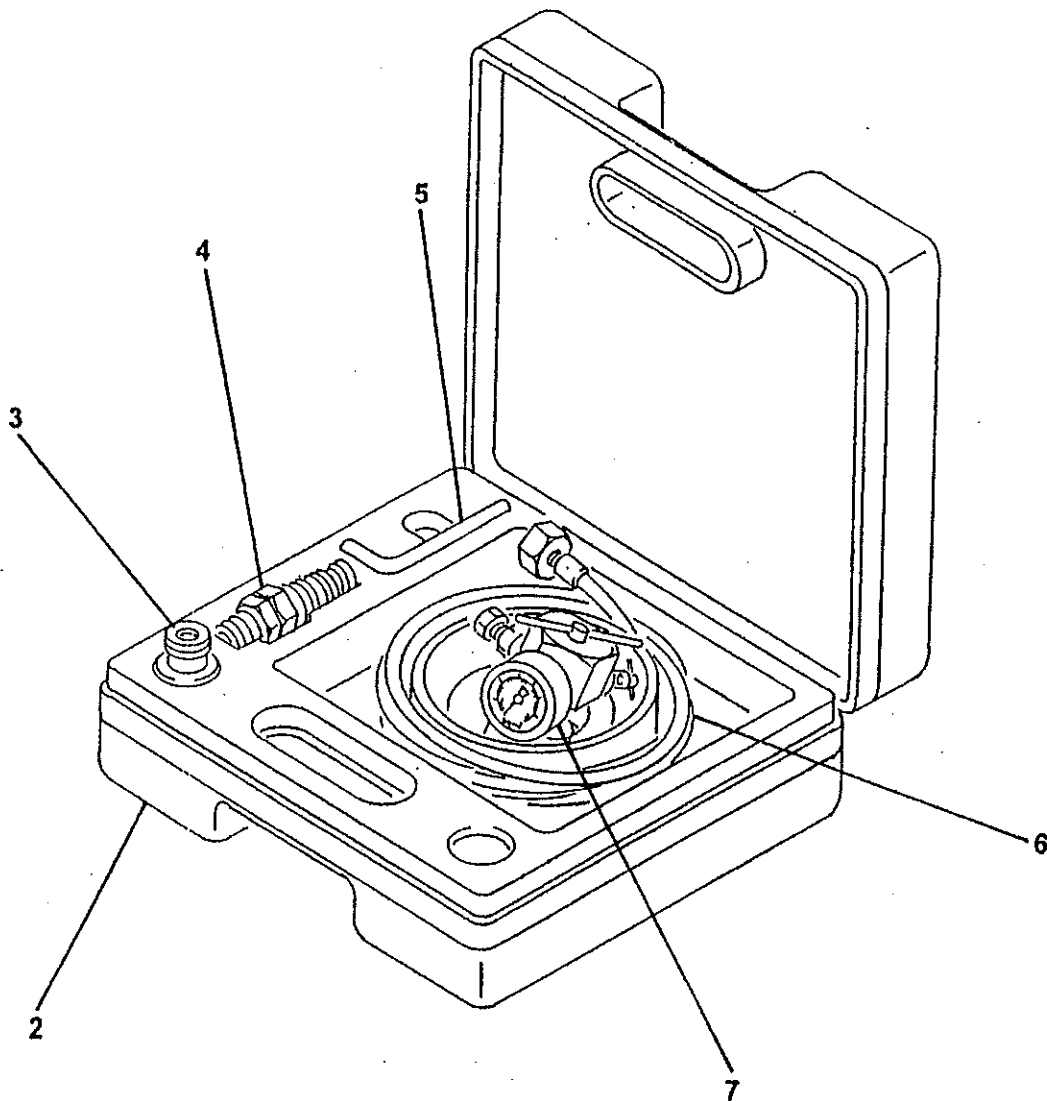
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



ACCUMULATOR CHARGE KIT
(OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 12
PAGE 01



REED**ACCUMULATOR CHARGE KIT
(OPTIONAL INSTALLATION)****C50HP
PARTS
GROUP 80
FIGURE 12
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	71460	Kit, Accumulator Charge (See Group 80, Figure 01 for NHA)	Ref
2		• Case, Charge Kit	1
3		• Adapter, FPK / SB	1
4		• Adapter, G4	1
5		• Wrench, Allen	1
6		• Hose, Charging	1
7		• Unit, FPK Charging and Gagging	1

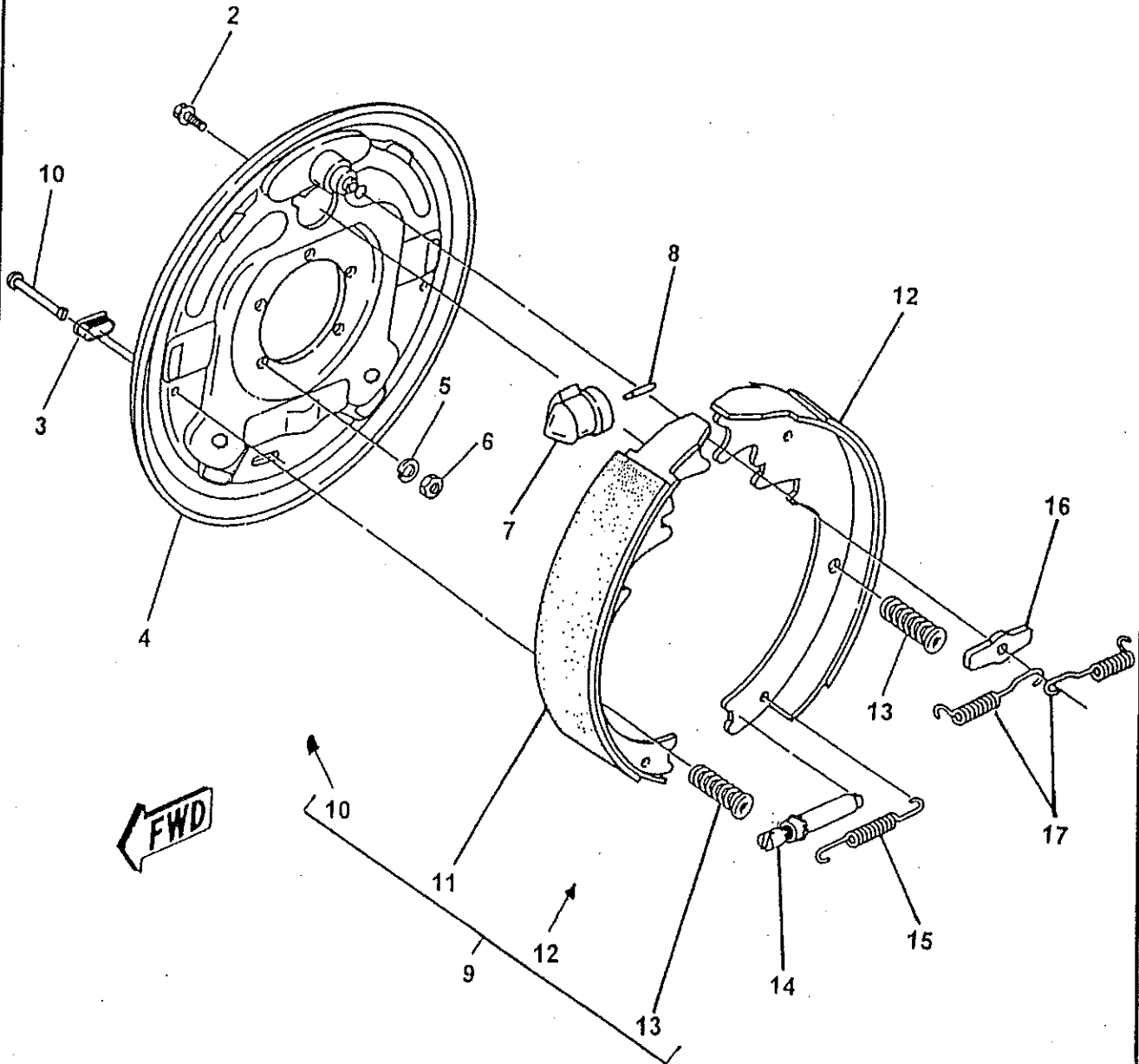
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY

C50HP
PARTS
GROUP 80
FIGURE 13
PAGE 01



REVISION:



**NON-OPERATOR SIDE
HYDRAULIC BRAKE ASSEMBLY
(OPTIONAL INSTALLATION)**

**C50HP
PARTS
GROUP 80
FIGURE 13
PAGE 02**

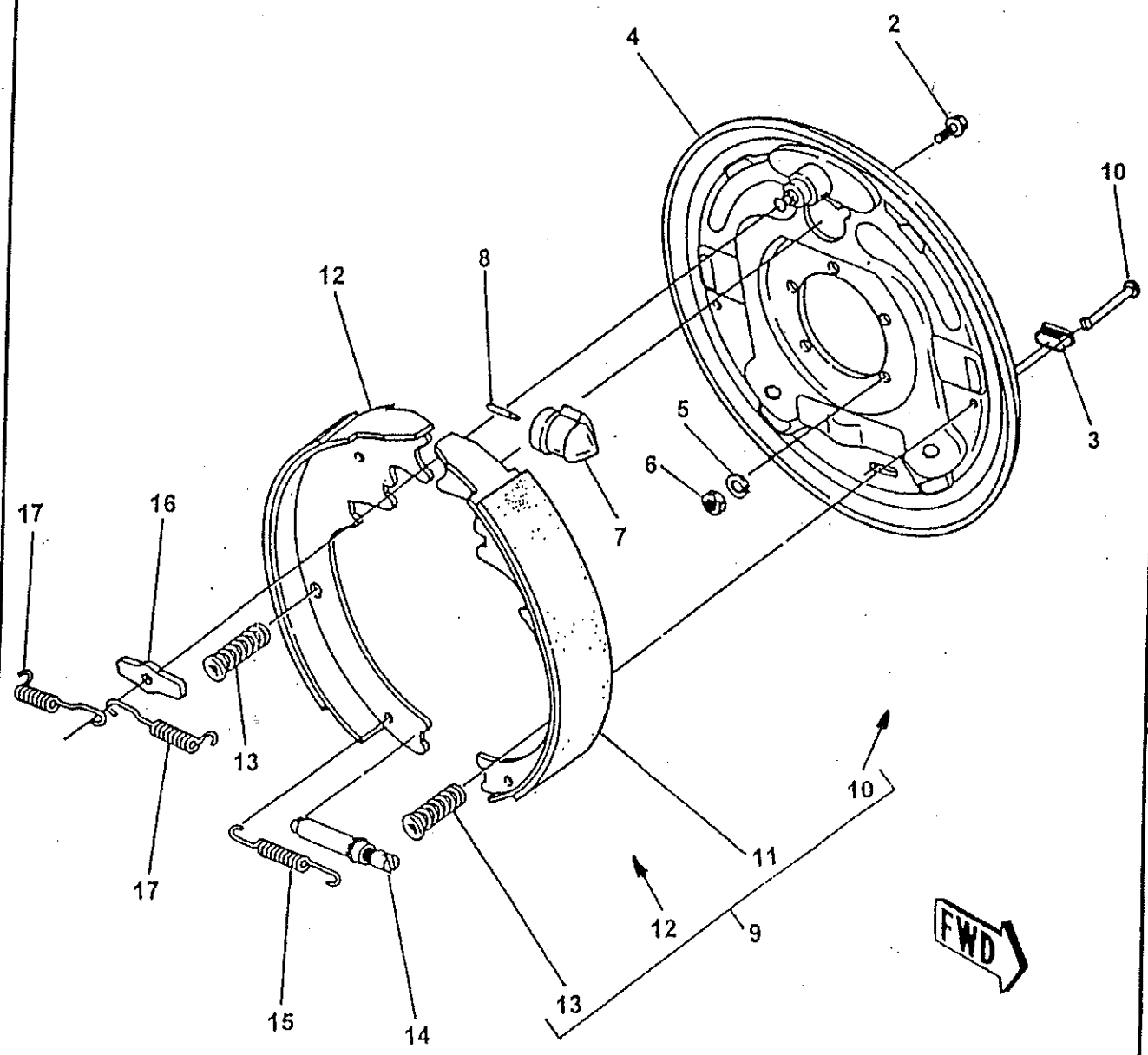
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-13	Assembly, Non-Operator Side Hydraulic Brake (See Group 80, Figure 01 for NHA)					Ref
2		• Screw, with Washer					1
3		• Plug					2
4		• Plate, Backing					1
5		• Washer, Lock (attaching parts)					5
6		• Nut, Brake Mounting (attaching parts)					5
7		• Cylinder, Non-Operator Side Brake					1
8		• Rod, Push					1
9		• Kit, Non-Operator Side Shoe and Lining					1
10		• • Pin, Shoe Hold Down					2
11		• • Primary, Non-Operator Side					1
12		• • Secondary, Non-Operator Side					1
13		• • Pin, Shoe Hold Down					2
14		• Assembly, Adjuster					1
15		• Spring, Adjusting Screw					1
16		• Washer, Anchor Post					1
17		• Spring, Retractor					2

DASH (-) ITEM NOT ILLUSTRATED



OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 14
PAGE 01



REVISION:

REED**OPERATOR SIDE
HYDRAULIC BRAKE ASSEMBLY
(OPTIONAL INSTALLATION)****C50HP
PARTS
GROUP 80
FIGURE 14
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-14	Assembly, Operator Side Hydraulic Brake (See Group 80, Figure 01 for NHA)					Ref
2		• Screw, with Washer					1
3		• Plug					2
4		• Plate, Backing					1
5		• Washer, Lock (attaching parts)					5
6		• Nut, Brake Mounting (attaching parts)					5
7		• Cylinder, Operator Side Brake					1
8		• Rod, Push					1
9		• Kit, Operator Side Shoe and Lining					1
10		• • Pin, Shoe Hold Down					2
11		• • Primary, Operator Side					1
12		• • Secondary, Operator Side					1
13		• • Pin, Shoe Hold Down					2
14		• Assembly, Adjuster					1
15		• Spring, Adjusting Screw					1
16		• Washer, Anchor Post					1
17		• Spring, Retractor					2

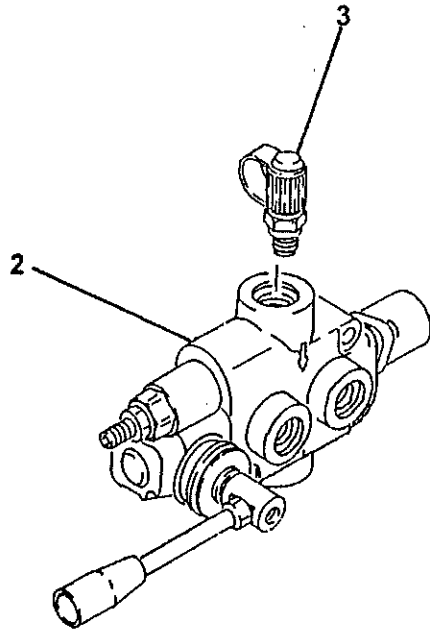
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



1 SPOOL VALVE ASSEMBLY

C50HP
PARTS
GROUP 80
FIGURE 15
PAGE 01



REVISION:

REED**1 SPOOL VALVE ASSEMBLY****C50HP
PARTS
GROUP 80
FIGURE 15
PAGE 02**

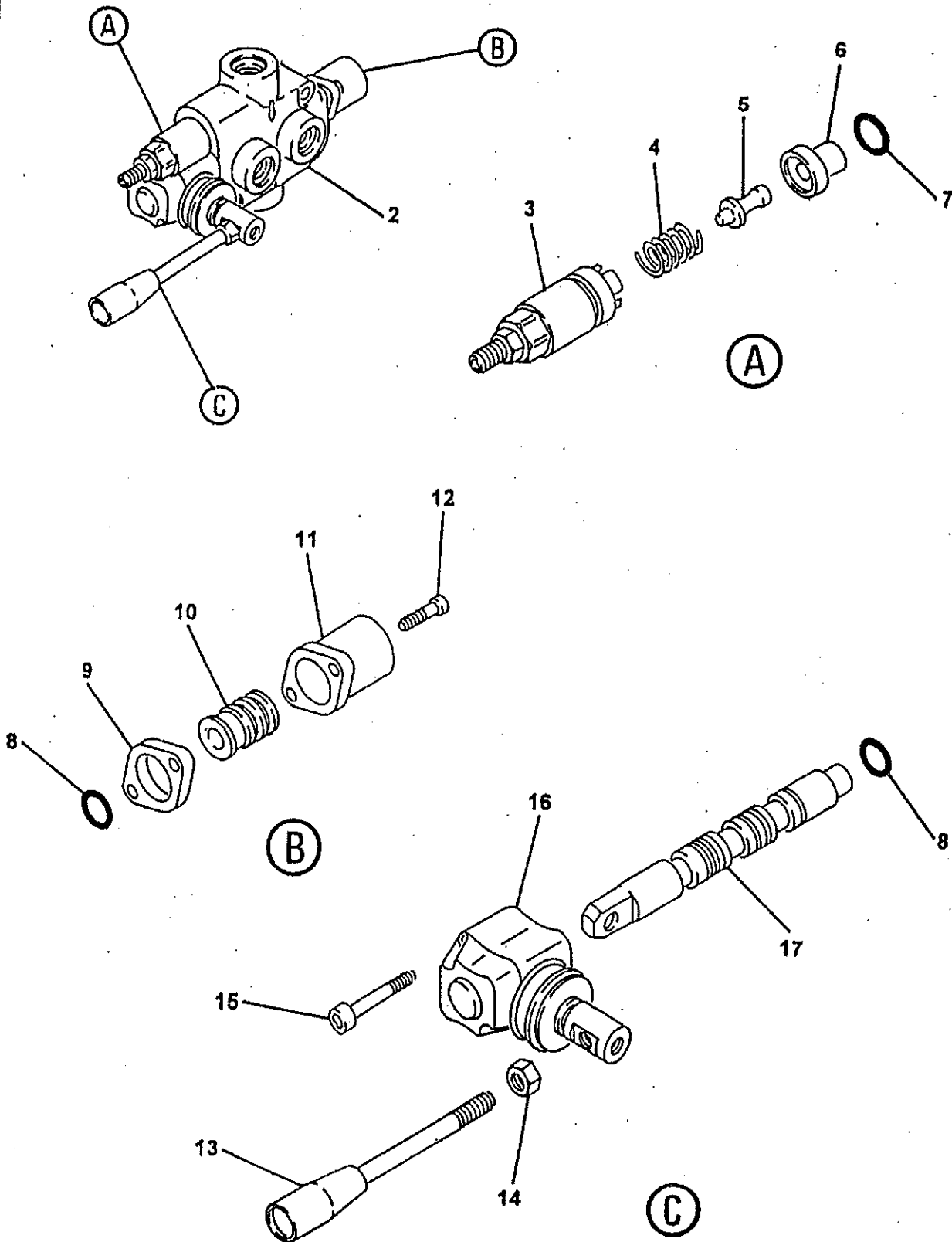
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-15	Assembly, 1 Spool Valve (See Group 80, Figure 01 for NHA)					Ref
2	74584	• Sub-Assembly, 1 Spool Valve (See Group 80, Figure 16 for DET)					1
3	78593	Fitting, Mini Check Port					1

DASH (-) ITEM NOT ILLUSTRATED

REED

1 SPOOL VALVE SUB-ASSEMBLY

C50HP
PARTS
GROUP 80
FIGURE 16
PAGE 01



REVISION:

REED**1 SPOOL VALVE SUB-ASSEMBLY
(OPTIONAL INSTALLATION)****C50HP
PARTS
GROUP 80
FIGURE 16
PAGE 02**

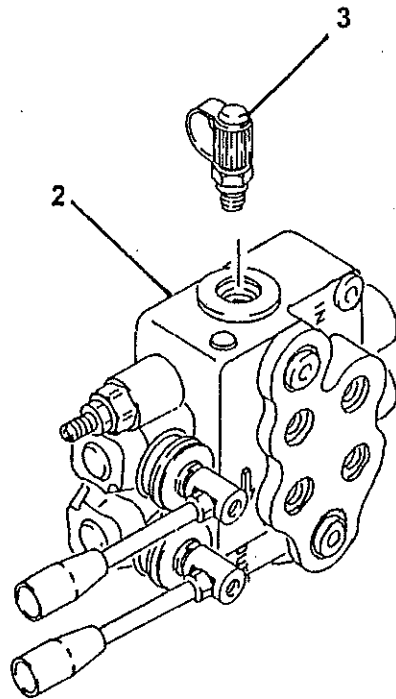
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	74584	Sub-Assembly, 1 Spool Valve (See Group 80, Figure 15 for NHA)					Ref
2					• Body, Valve	1	
3					• Kit, Screw	1	
4					• Spring	1	
5					• Pin, Screw Kit	1	
6					• Ring	1	
7					• O-Ring	1	
8					• O-Ring	2	
9					• Spacer	1	
10					• Kit, Spool Control	1	
11					• Cap, Spool	1	
12					• Screw, SOC (attaching Parts)	2	
13					• Handle, Remixer Valve	1	
14					• Nut (attaching parts)	1	
15					• Screw, SOC	2	
16					• Lever, L	1	
17					• Spool	1	

DASH (-) ITEM NOT ILLUSTRATED

REED

2 SPOOL VALVE ASSEMBLY

C50HP
PARTS
GROUP 80
FIGURE 17
PAGE 01



REVISION:



**2 SPOOL VALVE ASSEMBLY
(OPTIONAL INSTALLATION)**

**C50HP
PARTS
GROUP 80
FIGURE 17
PAGE 02**

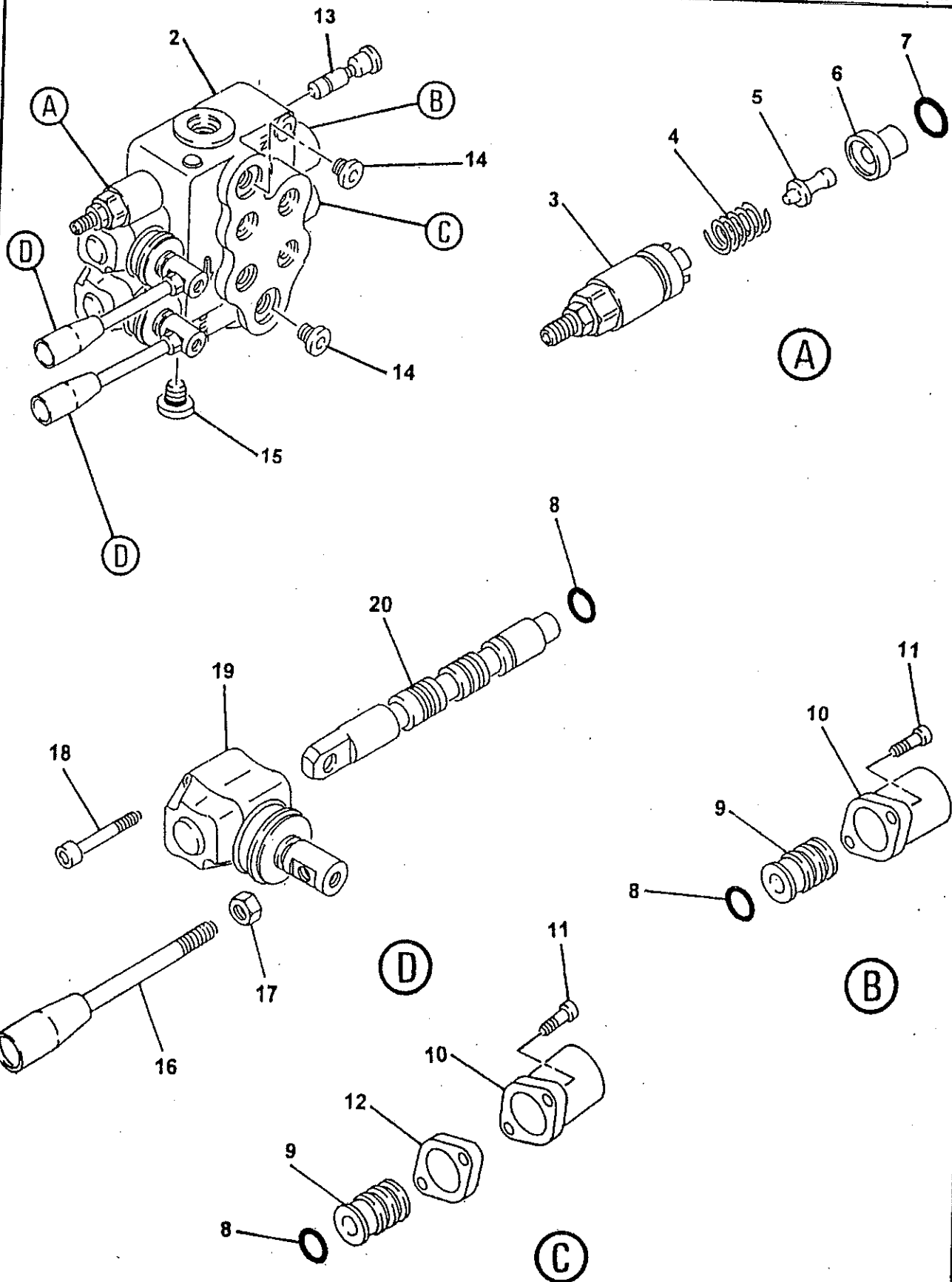
ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-15	Assembly, 2 Spool Valve (See Group 80, Figure 01 for NHA)					Ref
2	74585	• Sub-Assembly, 2 Spool Valve (See Group 80, Figure 18 for DET)					1
3	78593	• Fitting, Mini Check (Port)					1

DASH (-) ITEM NOT ILLUSTRATED

REED

2 SPOOL VALVE SUB-ASSEMBLY (OPTIONAL INSTALLATION)

C50HP
PARTS
GROUP 80
FIGURE 18
PAGE 01



REVISION:

REED**2 SPOOL VALVE SUB-ASSEMBLY
(OPTIONAL INSTALLATION)****C50HP
PARTS
GROUP 80
FIGURE 18
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	74585	Sub-Assembly, 2 Spool Valve (See Group 80, Figure 17 for NHA)					Ref
2		• Body, Valve					1
3		• Kit, Screw					1
4		• Spring					1
5		• Pin, Screw Kit					1
6		• Ring					1
7		• O-Ring					1
8		• O-Ring					4
9		• Kit, Spool Control					2
10		• Cap, Spool					2
11		• Screw, SOC (attaching Parts)					4
12		• Spacer					1
13		• Kit, VRS					1
14		• Plug					2
15		• Plug					1
16		• Handle, Remixer Valve					2
17		• Nut (attaching parts)					2
18		• Screw, SOC					4
19		• Lever, L					2
20		• Spool					2

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

**TRAILER MOUNTED PUMP MODEL C50HP
ILLUSTRATED PARTS MANUAL
(OPTIONAL INSTALLATION)**

**C50HP
PARTS
GROUP 80
FIGURE 19
PAGE 01**

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