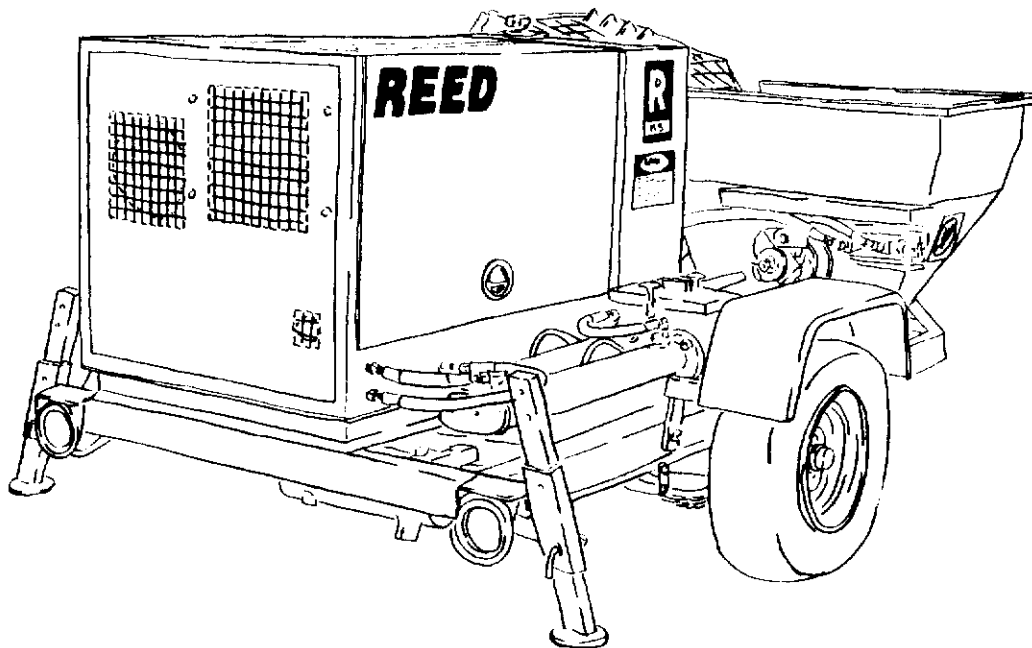


REEDCONCRETE PLACING
EQUIPMENT**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL****PARTS**

GROUP 00

FIGURE 00

PAGE 01



REED TRAILER MOUNTED CONCRETE *MIXER & PUMP* MODEL **M5 MULTISPRAY**
ILLUSTRATED PARTS MANUAL CONTAINS THE FOLLOWING GROUPS AND FIGURES:

GROUP 00 HOW TO USE PARTS MANUAL

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	HOW TO USE PARTS MANUAL
FIGURE 02	HOW TO ORDER PARTS

GROUP 10 FINAL INSTALLATION

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

GROUP 20 HOPPER INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	HOPPER INSTALLATION
FIGURE 02	OPTIONAL REMIXER/AUGER ASSEMBLY
FIGURE 03	OPTIONAL REMIXER/AUGER MOTOR ASSEMBLY
FIGURE 04	OPTIONAL REMIXER/AUGER CONTROL ASSEMBLY
FIGURE 05	OPTIONAL CONTROL VALVE SUBASSEMBLY

GROUP 30 TANK INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	TANK INSTALLATION
FIGURE 02	ACCUMULATOR ASSEMBLY
FIGURE 03	FUEL TANK ASSEMBLY
FIGURE 04	D 08 VALVE ASSEMBLY
FIGURE 05	DIRECTIONAL CONTROL VALVE SUBASSEMBLY
FIGURE 06	D 08 SOLENOID VALVE SUBASSEMBLY
FIGURE 07	D 05 VALVE ASSEMBLY
FIGURE 08	D 05 SOLENOID VALVE SUBASSEMBLY
FIGURE 09	HYDRAULIC TANK ASSEMBLY
FIGURE 10	HYDRAULIC MIXER DUMP MANIFOLD ASSEMBLY
FIGURE 11	MIXER DUMP MANIFOLD VALVE SUBASSEMBLY

GROUP 40 POWER TRAIN INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	POWER TRAIN INSTALLATION
FIGURE 02	HYDRAULIC PUMPS ASSEMBLY
FIGURE 03	MAIN PUMP ASSEMBLY
FIGURE 04	UNLOADER MANIFOLD ASSEMBLY
FIGURE 05	BATTERY MOUNTING ASSEMBLY

GROUP 50 CONTROLS INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	CONTROLS INSTALLATION
FIGURE 02	CONTROL BOX ASSEMBLY
FIGURE 03	MIXER AND PUMP REMOTE CONTROL ASSEMBLY
FIGURE 04	ON/OFF 100 FOOT REMOTE ASSEMBLY

GROUP 60 PUMPING TRAIN INSTALLATION

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

GROUP 70 FRAME INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	FRAME INSTALLATION
FIGURE 02	AXLE AND BRAKE ASSEMBLY
FIGURE 03	NON-OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY
FIGURE 04	OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY

GROUP 80 OPTIONAL INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	OPTIONAL INSTALLATION
FIGURE 02	WASH PUMP ASSEMBLY
FIGURE 03	WASH WATER PUMP ASSEMBLY
FIGURE 04	WASH PUMP MOTOR ASSEMBLY
FIGURE 05	HOPPER VIBRATOR ASSEMBLY
FIGURE 06	ACTUATOR BRAKES ASSEMBLY
FIGURE 07	ACCUMULATOR CHARGE KIT
FIGURE 08	BLADDER REPAIR KIT
FIGURE 09	NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 10	OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 11	12 VOLT LUBE PUMP ASSEMBLY
FIGURE 12	STIRRING PADLE LUBRICATION PUMP ASSEMBLY
FIGURE 13	OPTIONAL TOO KIT ASSEMBLY

GROUP 90 LIFT MIXER INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	LIFT MIXER INSTALLATION
FIGURE 02	WATER PLUMBING ASSEMBLY
FIGURE 03	WATER METER ASSEMBLY
FIGURE 04	MIXER WELDMENT ASSEMBLY
FIGURE 05	MIXING BLADE ASSEMBLY
FIGURE 06	DOUBLE AUXILIARY MIXER PUMP ASSEMBLY
FIGURE 07	LIFT MIXER CYLINDER ASSEMBLY
FIGURE 08	MIXER MOTOR ASSEMBLY



I. PURPOSE

This parts manual is prepared, issued and 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 *MIXER & PUMP* model **M5 MULTISPRAY**.

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.

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

GROUP - FIGURE - PAGE

- A. **GROUP** should be divided with:

00	M5 MULTISPRAY 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
90	LIFT MIXER INSTALLATION

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

- C. **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 proceeded by a dash (such as: -1, -7, -12 etc.) are not illustrated.

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

REEDCONCRETE PLACING
EQUIPMENT

HOW TO USE PARTS MANUAL

PARTS
GROUP 00
FIGURE 01
PAGE 02

2

3

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1

REED
CONCRETE PLACING
EQUIPMENT

HYDRAULIC PUMPING ASSEMBLY

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	78354	• 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	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 Course (attaching parts)					8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

2

3

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REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HOW TO USE PARTS MANUAL****PARTS**

GROUP 00

FIGURE 01

PAGE 03

2

3

4

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1

REED
CONCRETE PLACING
EQUIPMENT**HYDRAULIC PUMPING ASSEMBLY****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)					Rel
2	78354	• 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	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 Course (attaching parts)					8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

2

3

4

5

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.

REEDCONCRETE PLACING
EQUIPMENT

HOW TO ORDER PARTS

PARTS

GROUP 00

FIGURE 02

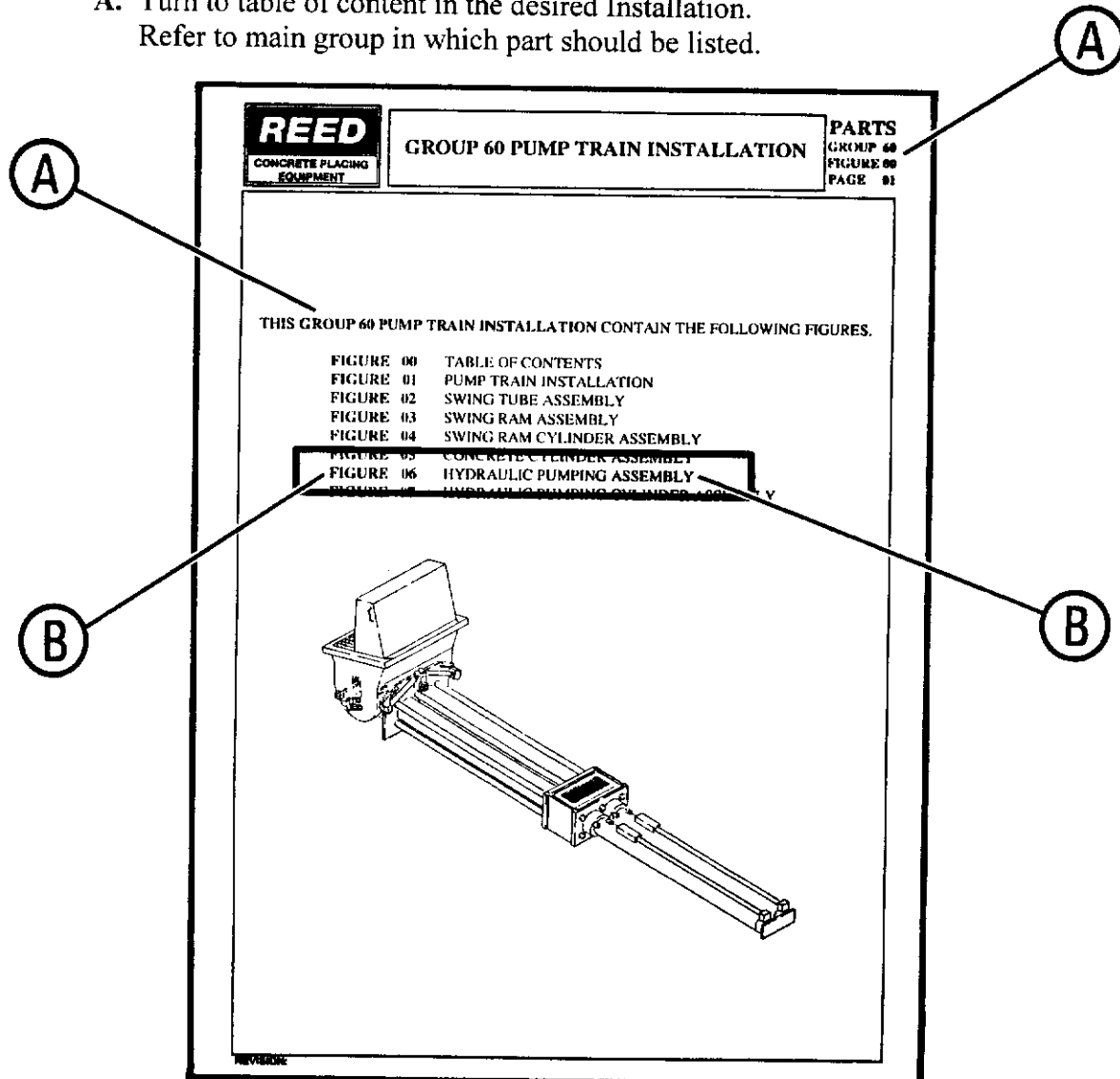
PAGE 01

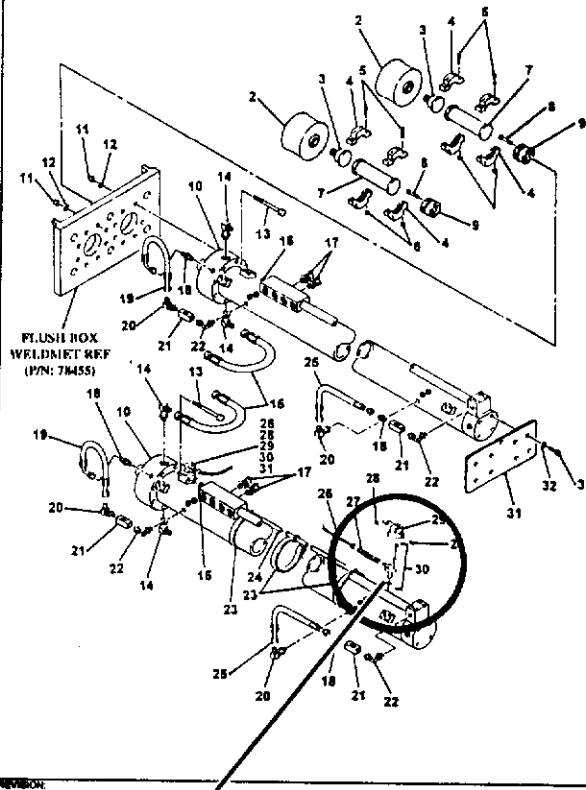
1. Always give serial number and model of **REED** trailer mounted *MIXER & PUMP* model **M5 MULTISPRAY** (Refer to each unit name plate shown below). NOTE: This manual is being released to cover unit starting with serial number **3-97-1-1512** to current production. Some components used on earlier units 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

75003A

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.



REEDCONCRETE PLACING
EQUIPMENT**HOW TO ORDER PARTS****PARTS**
GROUP 00
FIGURE 02
PAGE 02**REED**
CONCRETE PLACING
EQUIPMENT**HYDRAULIC PUMPING ASSEMBLY****PARTS**
GROUP 00
FIGURE 00
PAGE 01**REED**
CONCRETE PLACING
EQUIPMENT**HYDRAULIC PUMPING ASSEMBLY****PARTS**
GROUP 00
FIGURE 00
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
1	60400	Assembly, Hydraulic Pumping (See Group 20, Figure 1 for NIA)	Ref
2	78354	* Cap, Piston	2
3	78444	* Coupler	2
4	78132	* Coupling, Drag In	4
5		* Bolt, 1/2 x 4 (attaching parts)	8
6		* Nut, 1/2 (attaching parts)	8
7	78441	* Hose, Drag	2
8		* Bolt, 5/8 x 2	6
9	78441	* Coupler	2
10	78438	* Assembly, Hydraulic Cylinder (See Group 00, Figure 02 for DET)	1
11		* Nut (attaching parts)	16
12		* Washer (attaching parts)	16
13	77617	* Bolt (attaching parts)	16
14		* Elbow, 90° F50M02-16-16	4
15	79343	* Assy, Hy, Hose	2
16	78593	* Filler, Mini-Check (Part)	2
17		* Elbow, 90° F50M02-06-06	4
18		* Fitting, STR F50M02-06-06	4
19	79344	* Assembly, Hose	2
20		* Fitting, 90° F50M02-06-06	4
21		* Fitting, Check	4
22		* Elbow, 90° M18M01-06-06	4
23		* Clamp	1
24	79326	* Tube, Wire	1
25	79345	* Assembly, Tube	2
26	78417	* Cable	2
27	72010	* Loose, 1/2 Flex	A/R
28		* Pin, 1/4 x 20	4
29	79285	* Cover, Proximity Switch	2
30	78416	* Switch, Proximity	2
31	78432	* Assembly, Hose	2
32		* Washer, 1 Lock (attaching parts)	8
33		* Bolt, 1 x 2 Coarse (attaching parts)	8

DASH (-) ITEM NOT ILLUSTRATED

- 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**B. BY FAX**

(909) 364 - 2140

C. BY PHONE

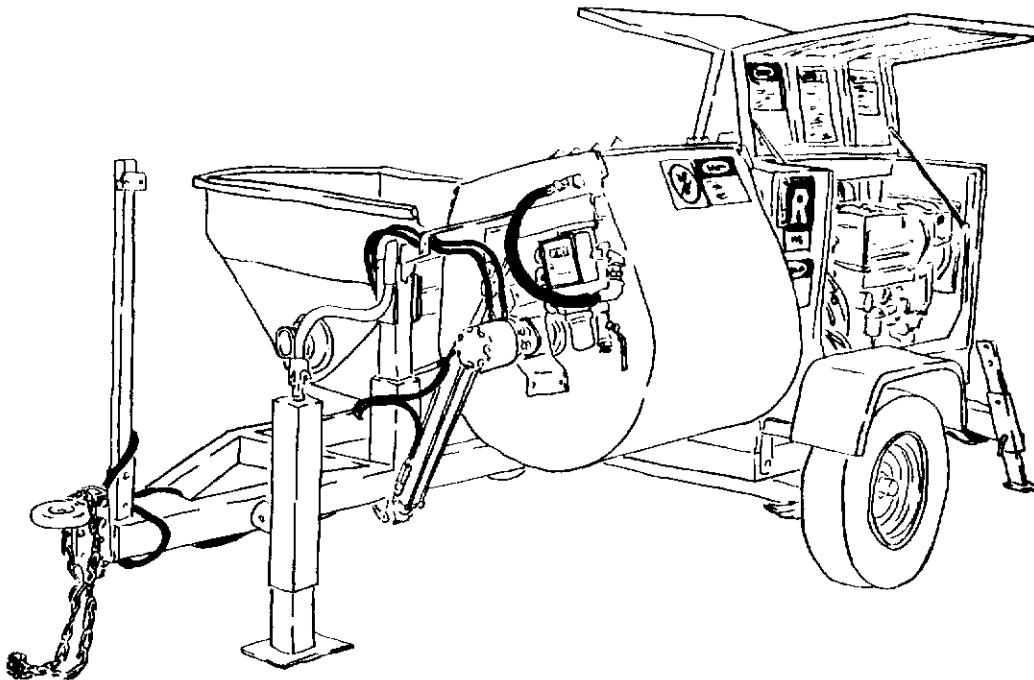
(909) 364 -2100

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. 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.

**M5 MULTISPRAY MIXER & PUMP
GROUP 10 FINAL INSTALLATION**

GROUP 10 FINAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

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



REED

CONCRETE PLACING
EQUIPMENT

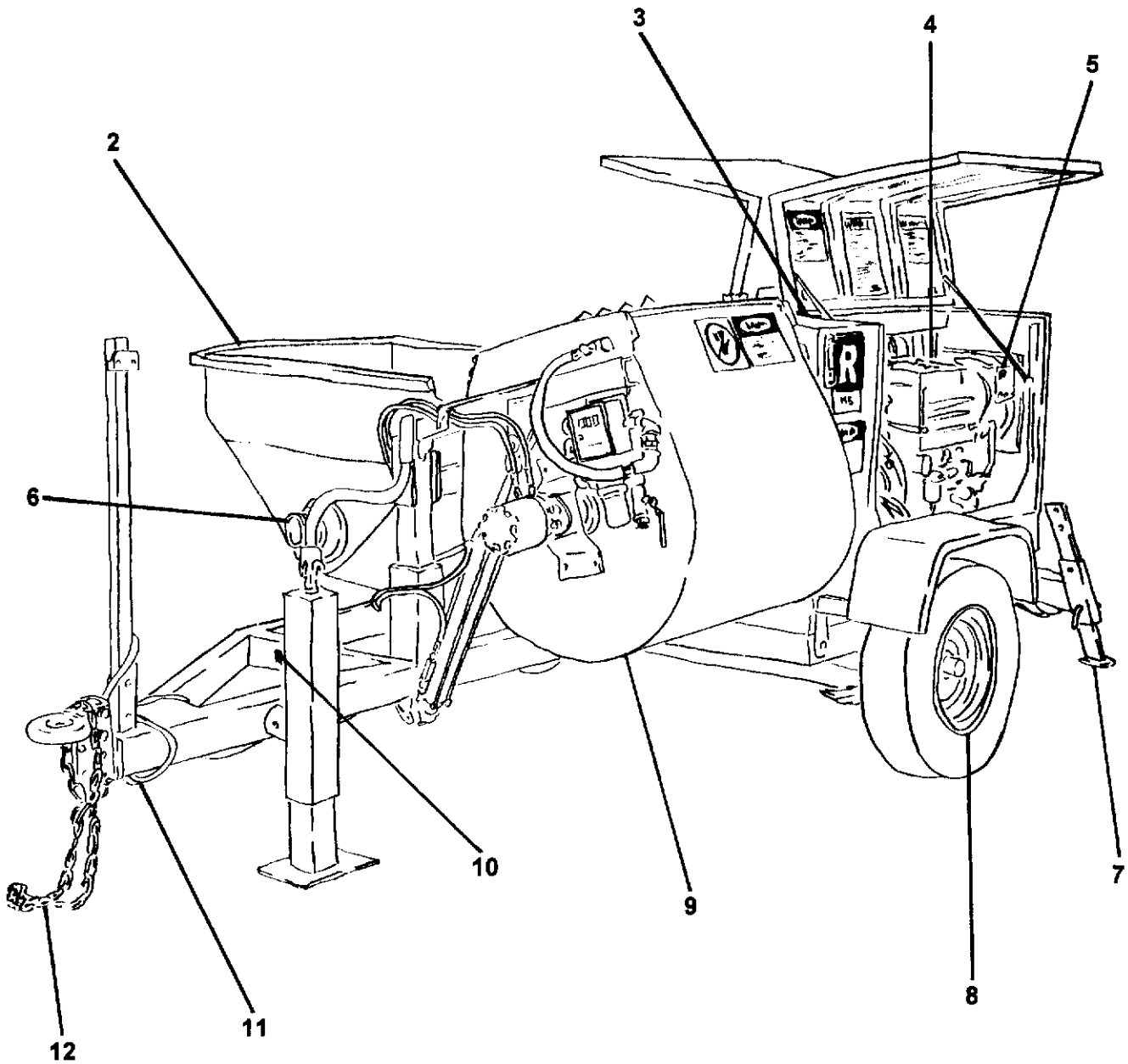
FINAL INSTALLATION

PARTS

GROUP 10

FIGURE 01

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**FINAL INSTALLATION****PARTS**
GROUP 10
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	7125	Installation, <i>M5 MULTISPRAY Mixer & Pump</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	76860	• Installation, Lift Mixer (See Group 90, Figure 01 for DET)	1
10	76861	• Kit, Decal (See Group 10, Figure 02 for DET)	1
11	77705	• Kit, Break Away	1
12	71048	• Chain	36

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

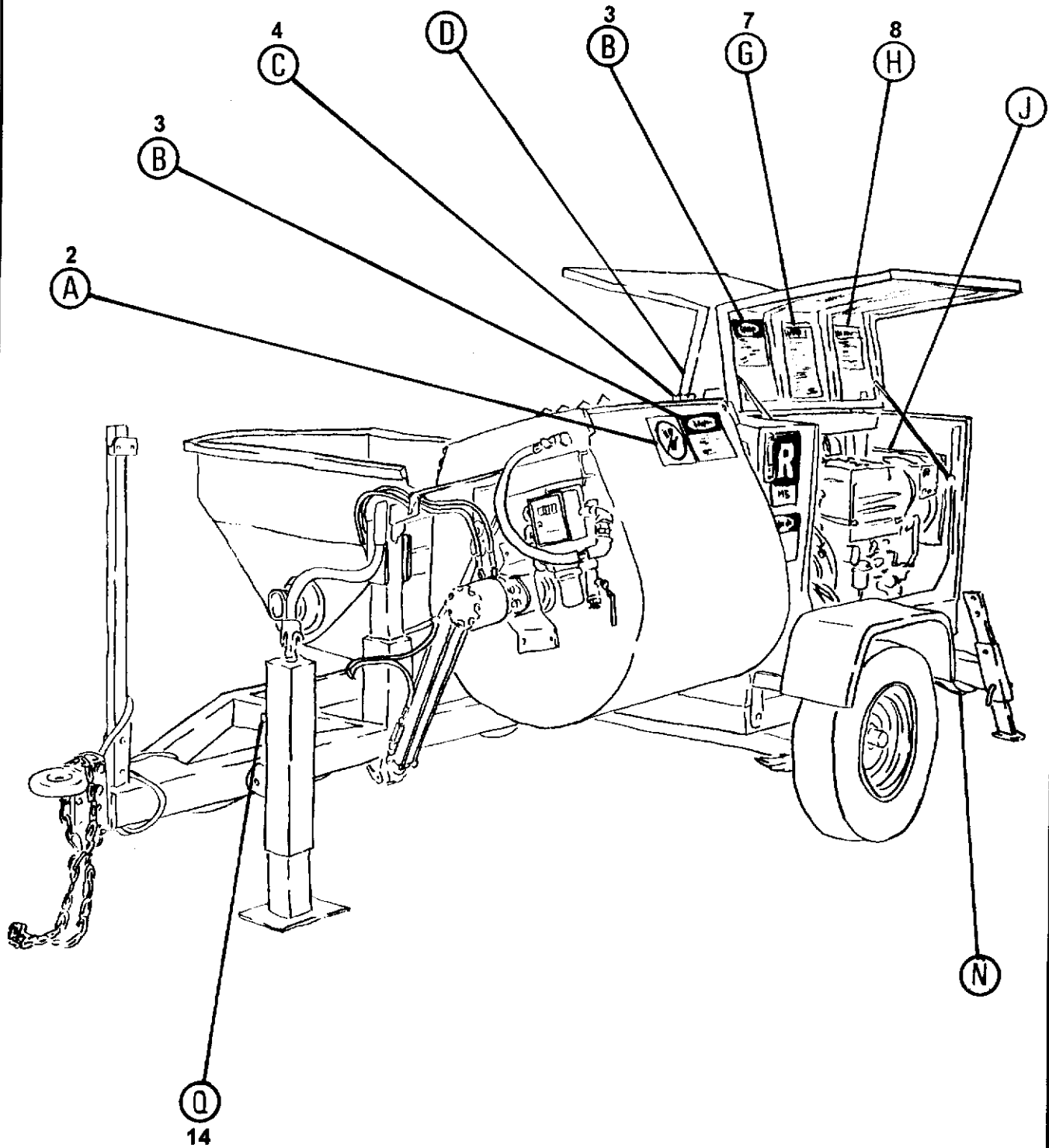
DECAL ASSEMBLY

PARTS

GROUP 10

FIGURE 02

PAGE 01



REVISION:

DECAL ASSEMBLY



(A)

2

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	79714	Kit, M5 Decal (See Group 10, Figure 01 for NHA)	Ref
2	75005	• Decal, Danger, Do Not Put Hands	2
3	75081	• Decal, Danger, Do Not Put Hands Or Feet In Hopper At Any Time	2
4	75020	• Decal, Hydraulic Oil	1
5	75003	• Decal, Warning, Relieve Pressure Before Disassembly	1
6	75017	• Decal, Diesel Fuel Only	1
7	75080	• Decal, Warning, This Equipment Operates at High Pressure in	1
8	75082	• Decal, Warning, Wear Eye Protection When Operating This	1
9	75083	• Decal, Danger, You Must Not Operate This Machine Unless	2
10	75026	• Decal, R M5	2
11	75022	• Decal, The Filter Element Inside This Housing Must be Replaced	1
12	73132	• Decal, REED 4 1/2 Inch	2
13	75096	• Decal, REED	1
14	75009	• Plate, Serial Number	1
15	76597	• Decal, Remote Control Panel	1

DASH (-) ITEM NOT ILLUSTRATED

REED

CONCRETE PLACING
EQUIPMENT

DECAL ASSEMBLY

PARTS

GROUP 10

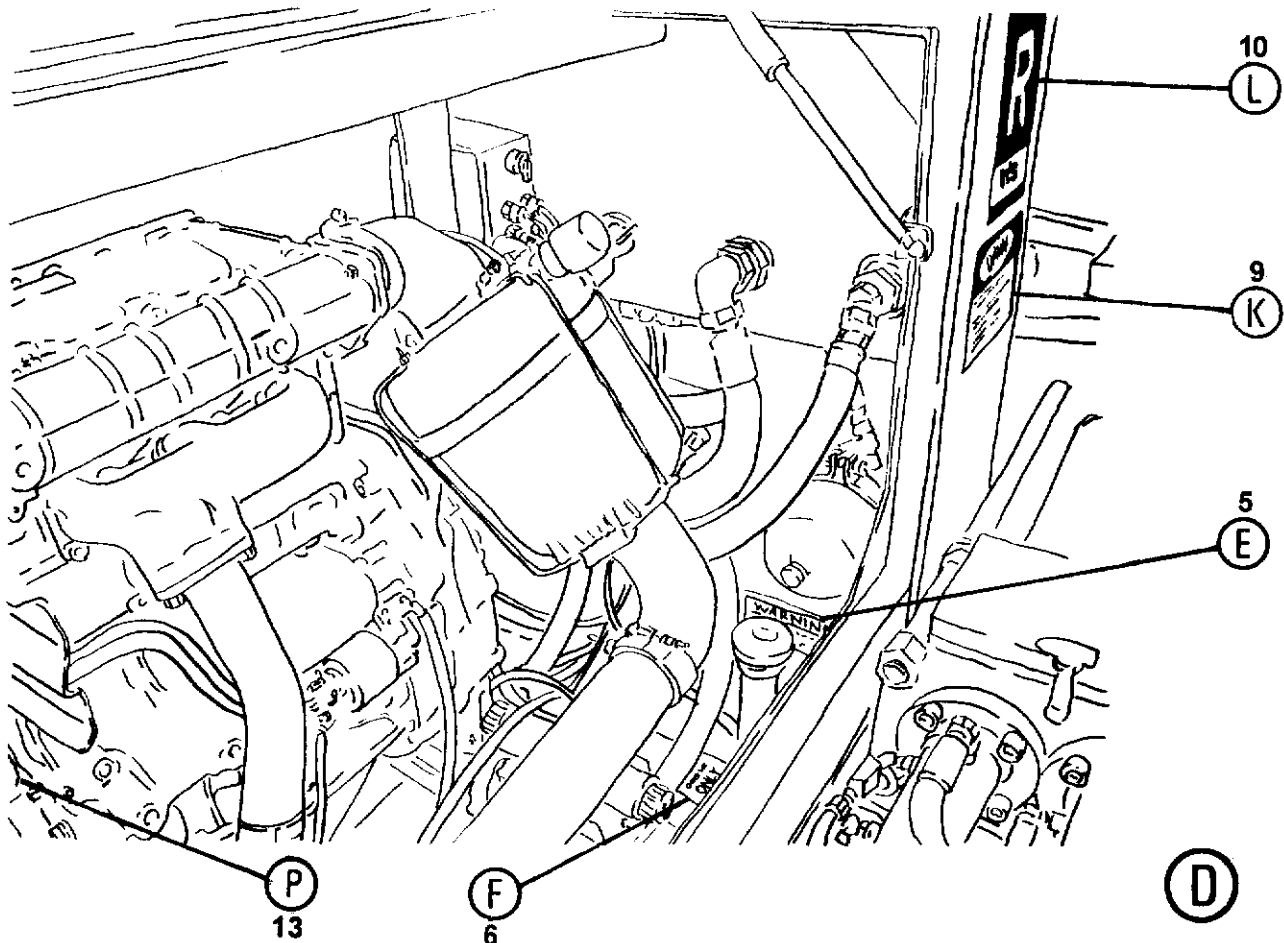
FIGURE 02

PAGE 03

DANGER

DO NOT PUT HANDS OR FEET
IN HOPPER AT ANY TIME.
DEATH OR SERIOUS INJURY
MAY RESULT. IF WORK MUST
BE PERFORMED INSIDE HOPPER
SEE OPERATORS MANUAL FOR
SAFETY PROCEDURES.

HYDRAULIC OIL



REVISION:

WARNING

RELIEVE PRESSURE
BEFORE DISASSEMBLY.

(E)

5

DIESEL FUEL**ONLY**

6

(F)**WARNING**

THIS EQUIPMENT OPERATES AT HIGH PRESSURE IN THE HYDRAULIC SYSTEM AND CONCRETE DELIVERY SYSTEM. DO NOT ATTEMPT TO OPERATE BEFORE READING INSTRUCTION MANUAL.

KEEP HANDS AND TOOLS OUT OF HOPPER. THE INSIDE AREA OF THE HOPPER OF THIS MACHINE HAS MOVING PARTS WHICH ARE EXTREMELY DANGEROUS. IT IS ESSENTIAL THAT STRICT SAFETY PROCEDURES BE FOLLOWED BEFORE ANY WORK IS DONE INSIDE THE CLOSED HOPPER. THE GRATE ON THE HOPPER IS BOLTED IN A CLOSED POSITION TO RESTRICT ACCESS. IF MAINTENANCE MUST BE PERFORMED INSIDE THE HOPPER THEN PROCEED AS FOLLOWS:

1. Turn engine ignition switch key counterclockwise to the "off" position and stop (kill) engine. This procedure will activate a safety device that automatically releases all accumulator circuit hydraulic pressure. To confirm that this device is operational check hydraulic pressure gauges for zero readings before concrete pump can be worked on safely.
2. Disconnect swing tube hydraulic cylinder hoses.
3. Remove bolts securing hopper grate.

Work inside the hopper may now be performed safely. Upon completion of this work, replace the bolts, securing the hopper grate in a closed position. Reconnect hoses.

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(G)

REEDCONCRETE PLACING
EQUIPMENT

DECAL ASSEMBLY

PARTS

GROUP 20

FIGURE 02

PAGE 05

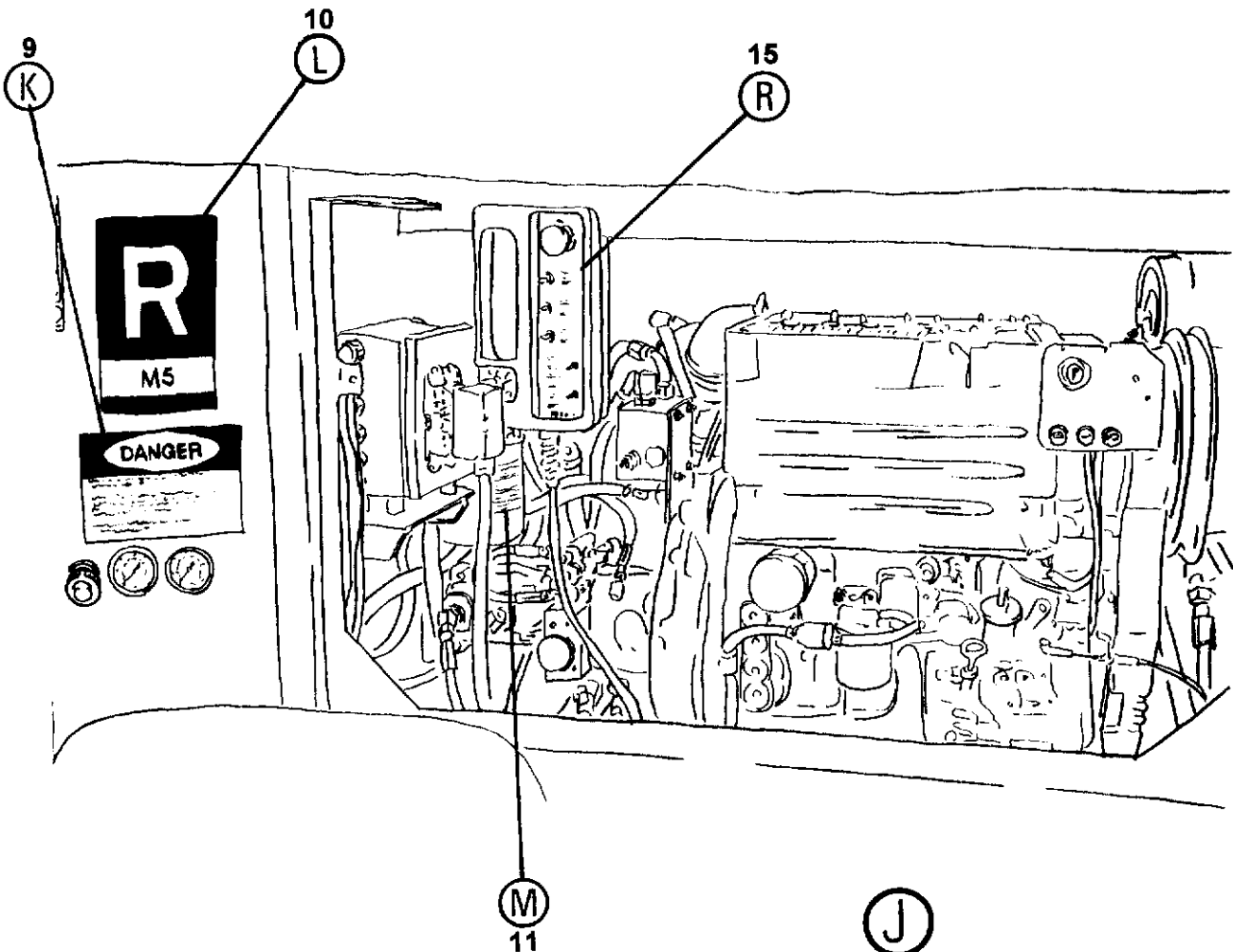
WARNING

WEAR EYE PROTECTION WHEN OPERATING THIS EQUIPMENT.

THIS EQUIPMENT IS REMOTE CONTROLLED AND MAY
START AT ANY TIME. ALWAYS STOP ENGINE BEFORE
WORKING ON EQUIPMENT.IN CASE OF BLOCKAGE IN THE DELIVERY LINE
1. NEVER OPEN A PRESSURIZED COUPLING
2. RELIEVE THE PRESSURE USING THE PROCEDURE
IN THE OPERATORS MANUAL.

8

(H)



REVISION:

REEDCONCRETE PLACING
EQUIPMENT

DECAL ASSEMBLY

PARTS

GROUP 10

FIGURE 02

PAGE 06

DANGER

YOU MUST NOT OPERATE THIS MACHINE UNLESS YOU ARE QUALIFIED BY TRAINING AND EXPERIENCE IN THE SAFE OPERATION OF THIS MACHINE.

TRAINING INCLUDES COMPLETE KNOWLEDGE OF YOUR EMPLOYER'S WORK RULES, ALL GOVERNMENTAL REGULATIONS, AND MANUFACTURER'S OPERATOR AND SAFETY MANUALS RELATIVE TO THIS MACHINE'S SAFE USE.

AN UNTRAINED OPERATOR SUBJECTS HIMSELF AND OTHERS TO DEATH OR SERIOUS INJURY.

9



THE FILTER ELEMENT INSIDE THIS HOUSING MUST BE REPLACED WITH AN APPROVED TYPE ELEMENT AFTER THE FIRST 50 HOURS OF USE.

FURTHER ELEMENT REPLACEMENTS SHOULD BE MADE AFTER EVERY 500 HOURS OF USE, OR AS NECESSARY. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE TO YOUR MACHINE.

11



10



REEDCONCRETE PLACING
EQUIPMENT

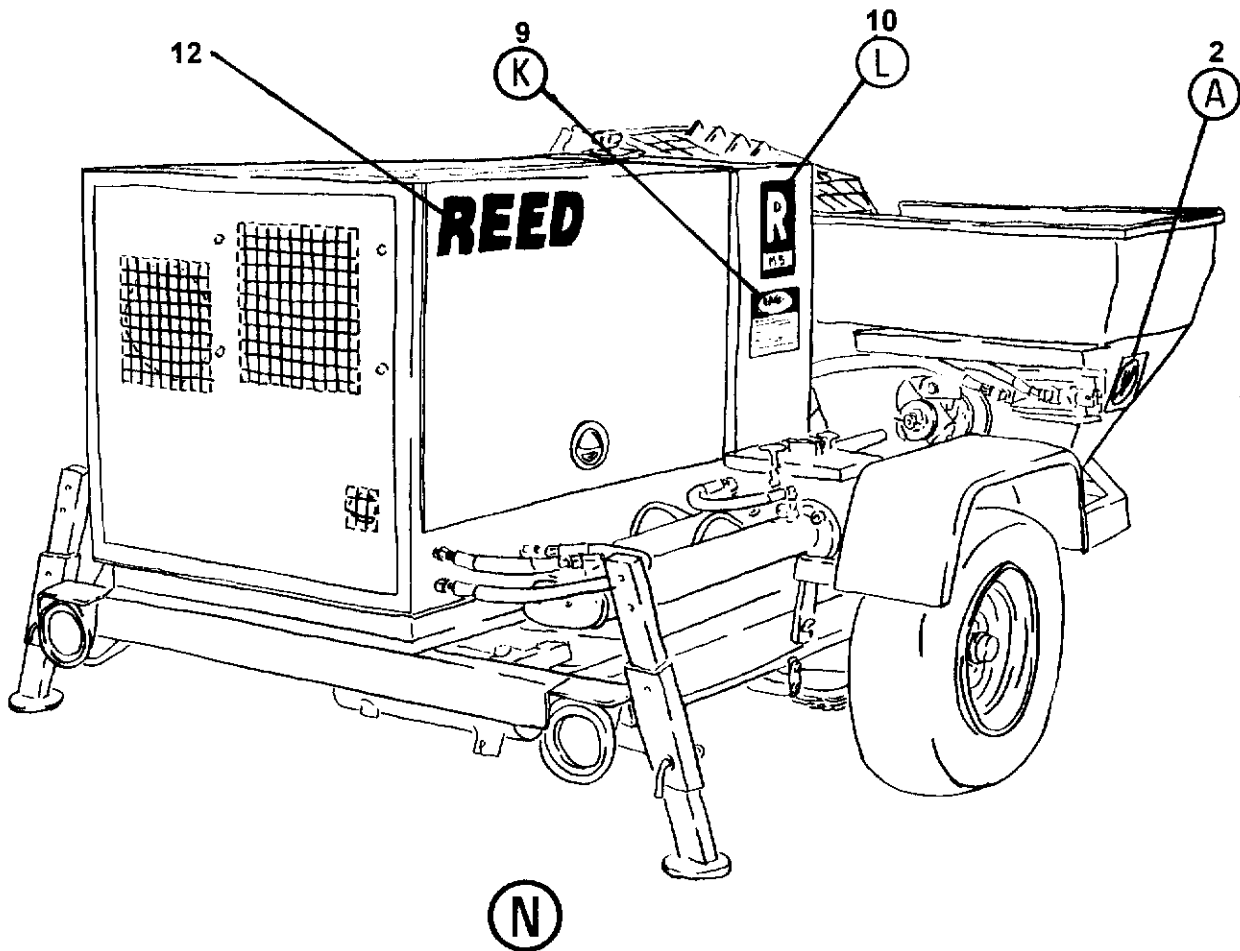
DECAL ASSEMBLY

PARTS

GROUP 10

FIGURE 02

PAGE 07



REED
13822 OAKS AVENUE
CHINO, CA 91710 USA

PHONE (909) 364-2100
FAX (909) 364-2140

CE

MODEL SERIAL NO.

HYD. PRESSURE PSI BAR

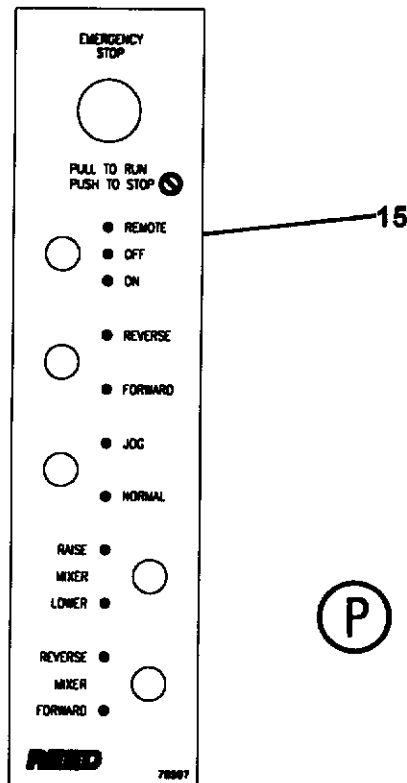
ELECTRIC MOTOR/
ENGINE SPEED RPM VOLTS

VEHICLE WEIGHT
(APPROX.) LBS KG

75003A

REED
CONCRETE PLACING EQUIPMENT

13822 Oaks Avenue
Chino, CA. 91708 USA
Phone: 909-364-2100
Fax: 909-364-2140

REEDCONCRETE PLACING
EQUIPMENT**DECAL ASSEMBLY****PARTS****GROUP 10****FIGURE 02****PAGE 08**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	79714	Kit, M5 Decal (See Group 10, Figure 01 for NHA)	Ref
2	75005	• Decal, Danger, Do Not Put Hands	2
3	75081	• Decal, Danger, Do Not Put Hands Or Feet In Hopper At Any Time	2
4	75020	• Decal, Hydraulic Oil	1
5	75003	• Decal, Warning, Relieve Pressure Before Disassembly	1
6	75017	• Decal, Diesel Fuel Only	1
7	75080	• Decal, Warning, This Equipment Operates at High Pressure in	1
8	75082	• Decal, Warning, Wear Eye Protection When Operating This	1
9	75083	• Decal, Danger, You Must Not Operate This Machine Unless	2
10	75026	• Decal, R M5	2
11	75022	• Decal, The Filter Element Inside This Housing Must be Replaced	1
12	73132	• Decal, REED 4 1/2 Inch	2
13	75096	• Decal, REED	1
14	75009	• Plate, Serial Number	1
15	76597	• Decal, Remote Control Panel	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

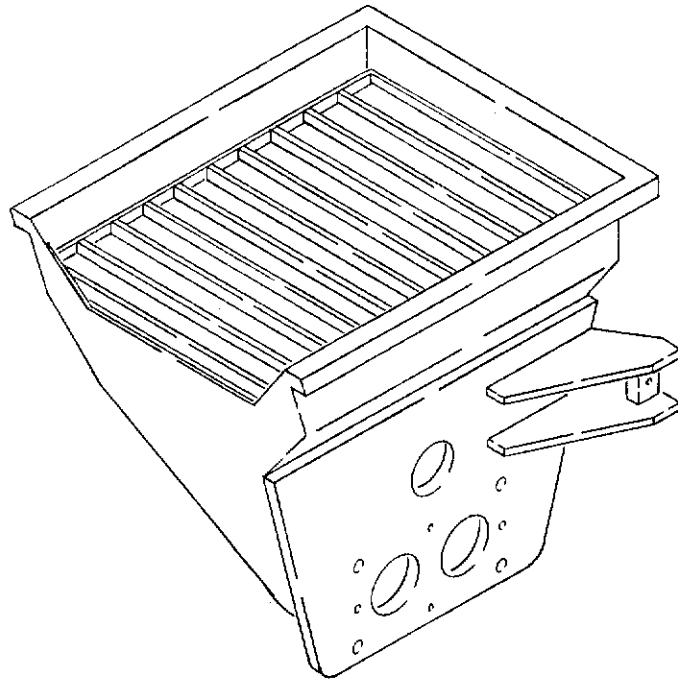
PARTS

GROUP 10

FIGURE 03

PAGE 01

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**M5 MULTISPRAY MIXER & PUMP
GROUP 20 HOPPER INSTALLATION**

GROUP 20 HOPPER INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	HOPPER INSTALLATION
FIGURE 02	OPTIONAL REMIXER/AUGER ASSEMBLY
FIGURE 03	OPTIONAL REMIXER/AUGER MOTOR ASSEMBLY
FIGURE 04	OPTIONAL REMIXER/AUGER CONTROL ASSEMBLY
FIGURE 05	OPTIONAL CONTROL VALVE SUBASSEMBLY

REED

CONCRETE PLACING
EQUIPMENT

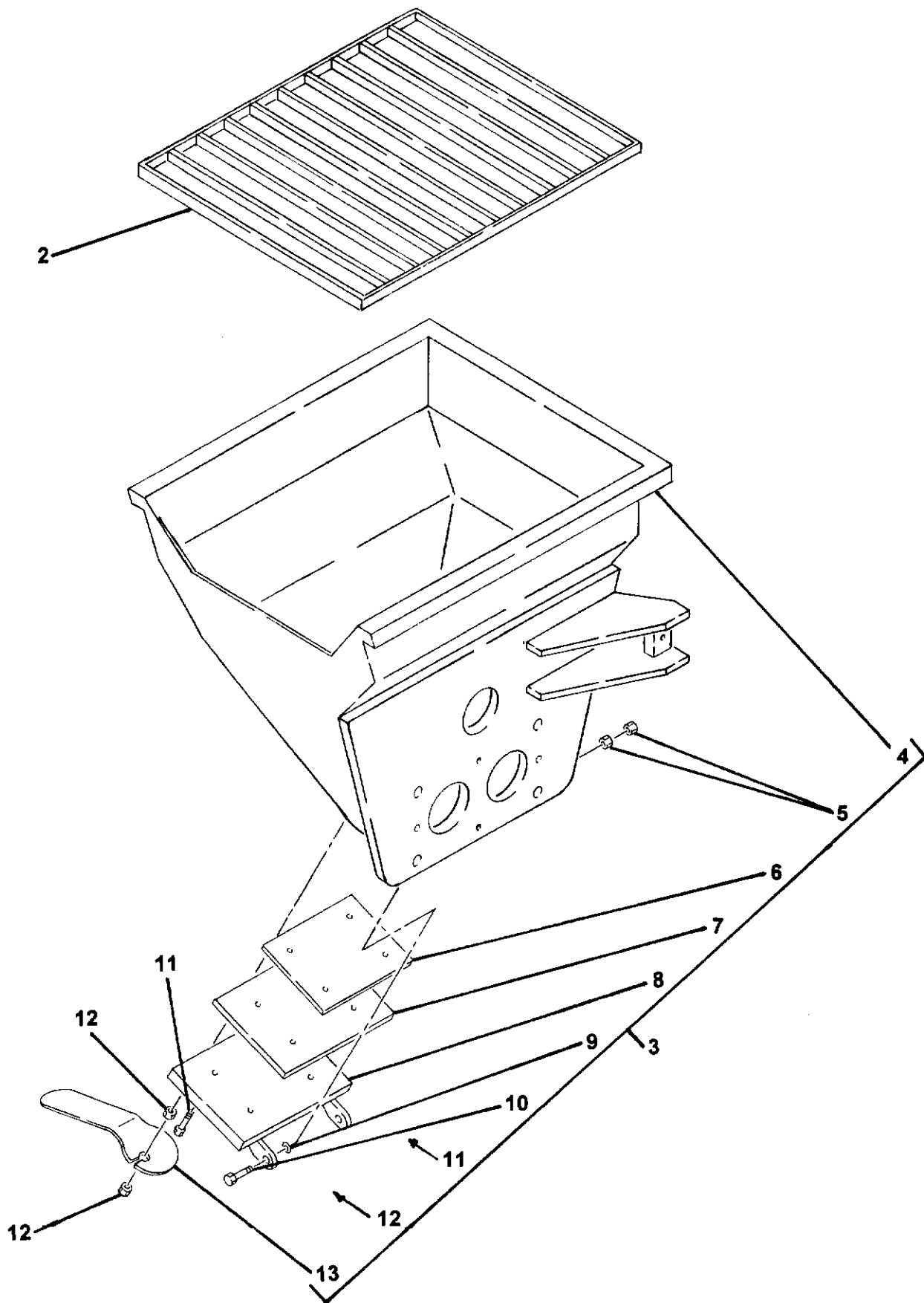
HOPPER INSTALLATION

PARTS

GROUP 20

FIGURE 01

PAGE 01

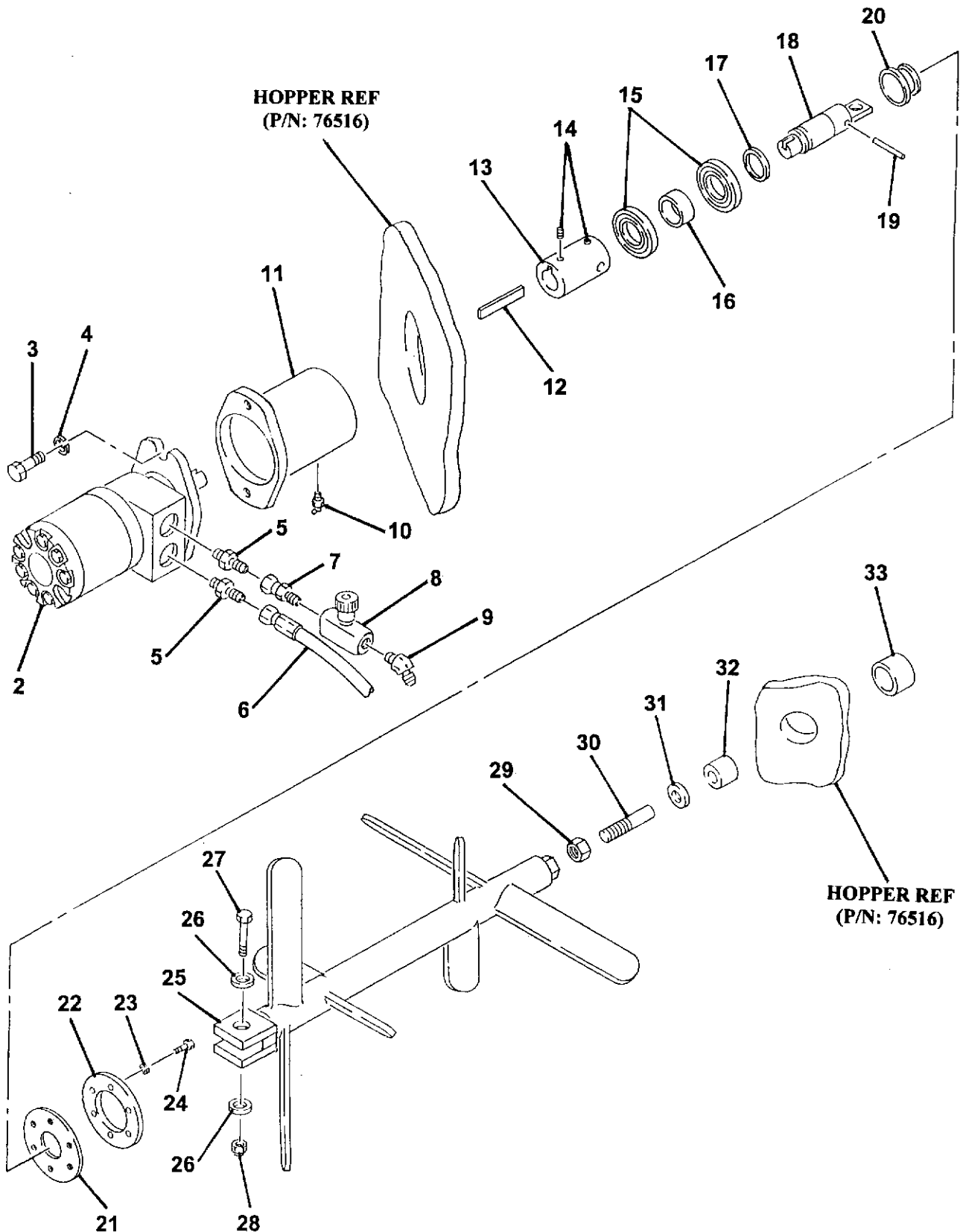


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REEDCONCRETE PLACING
EQUIPMENT**HOPPER INSTALLATION****PARTS****GROUP 20****FIGURE 01****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-01	Installation, Hopper (See Group 10, Figure 01 for NHA)	Ref
2		• Grate, <i>M5</i> Hopper	1
3		• Assembly, Hopper	1
4	76516	• • Weldment, Hopper	1
5		• • Nut, 3/8	4
6	70794	• • Insert, Door	1
7	70248	• • Rubber, Gasket	1
8	70795	• • Door, Hopper With Lift Plate (Lift Plate P/N: 70150)	1
9		• • Washer, 3/8	2
10		• • Bolt, Hex 3/8 - 16 x 1 3/8	2
11		• • Bolt, Hex 5/16 - 188 x 1	4
12		• • Nut, Hex 3/4	2
13	70096	• • Handle, Clean Out Door	1
-14	72850	• Assembly, Remixer/Auger (Optional) (See Group 20, Figure 02 for DET)	1
-15	20-04	• Assembly, Remixer/Auger Control Valve (Optional) (See Group 20, Figure 04 for DET)	1
-16	71429	• Assembly, Vibrator (Optional) (See Group 80, Figure 05 for REF)	1

DASH (-) ITEM NOT ILLUSTRATED

REEDCONCRETE PLACING
EQUIPMENT**OPTIONAL REMIXER/AUGER ASSEMBLY****PARTS****GROUP 20****FIGURE 02****PAGE 01**

REVISION:

REED**CONCRETE PLACING
EQUIPMENT****OPTIONAL REMIXER/AUGER ASSEMBLY****PARTS****GROUP 20****FIGURE 02****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	72850	Assembly, Remixer/Auger (Optional) (See Group 20, Figure 01 for NHA)	Ref
2	74529	• Assembly, Remixer/Auger Motor (Optional) (See Group 20, Figure 03 for DET)	1
3		• Bolt, Hex (attaching parts)	1
4		• Washer, Lock (attaching parts)	2
5		• Fitting, STR	2
6	79851	• Kit, Hose	2
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	72851	• Shaft, 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

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

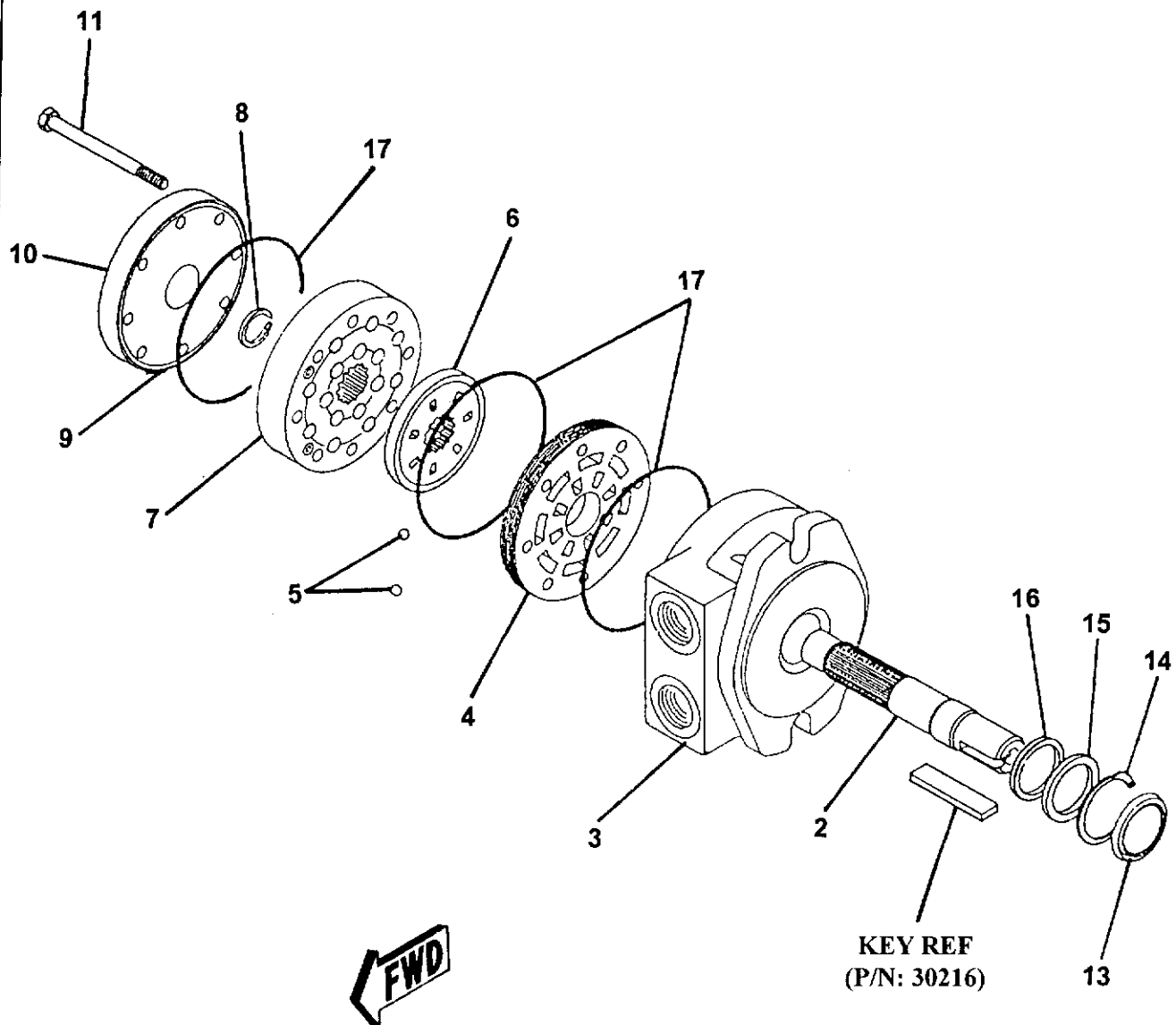
OPTIONAL REMIXER/AUGER MOTOR ASSEMBLY

PARTS

GROUP 20

FIGURE 03

PAGE 01

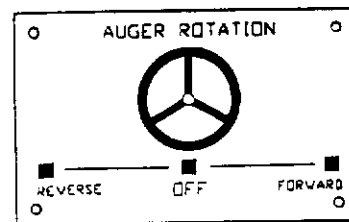
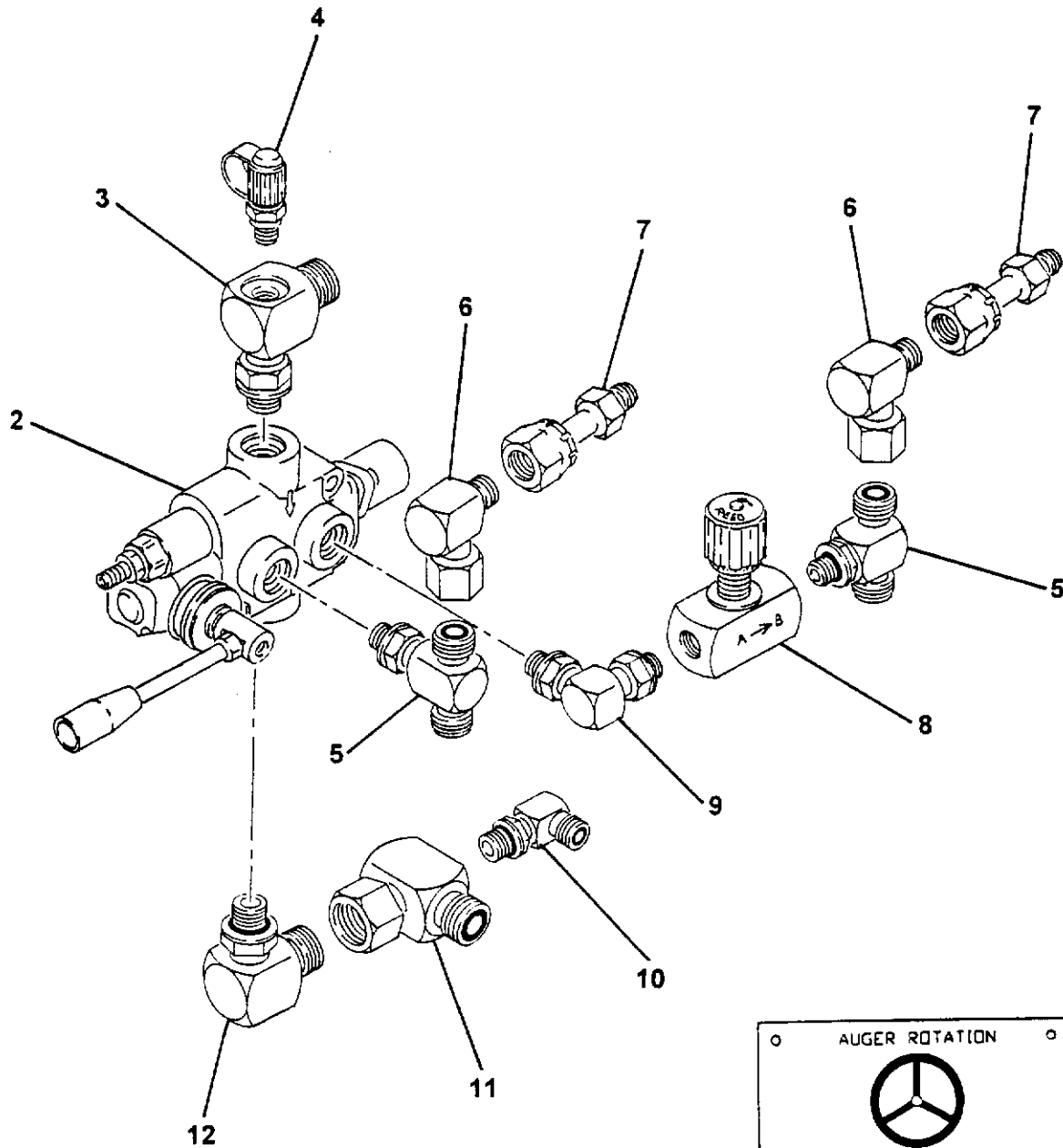


REEDCONCRETE PLACING
EQUIPMENT**OPTIONAL REMIXER/AUGER
MOTOR ASSEMBLY****PARTS
GROUP 20
FIGURE 03
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74529	Assembly, , Remixer/Auger Motor (Optional) (See Group 20, Figure 02 for NHA)	Ref
2		• Shaft	1
3		• Body, Motor	1
4		• Plate, Commutator	1
5		• Ball, Check Valve	2
6		• Valve, Rotary	1
7		• Sub-Assembly IGR	1
8		• Ring, Shaft Snap	1
9		• Plug, Vent	1
10		• Cover, Motor	1
11		• Bolt, Hex (attaching parts)	8
-12	74993	• Kit, Seal	1
13		• • Seal, Dust	1
14		• • Ring, Snap	1
15		• • Ring, Back Up	1
16		• • Seal, Lip	1
17		• • Seal, Square Ring	3

DASH (-) ITEM NOT ILLUSTRATED

OPTIONAL REMIXER/AUGER CONTROL VALVE ASSEMBLY



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REEDCONCRETE PLACING
EQUIPMENT**OPTIONAL REMIXER/AUGER
CONTROL VALVE ASSEMBLY****PARTS
GROUP 20
FIGURE 04
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-04	Assembly, Auger Control Valve (Optional) (See Group 20, Figure 01 for NHA)	Ref
2	74584	• Sub-Assembly, Auger Control Valve (Optional) (See Group 20, Figure 05 for DET)	1
3		• Tee, Special Drill 4 SAE FS6801-10-8	1
4	78593	• Fitting, Mini Check (Port)	1
5		• Tee, MJ-MJ-MBT-6	2
6		• Fitting, 90 FS6500-6-6	2
7		• Fitting, Connector FS6500-6-6	2
8		• Controller, Check	1
9		• Fitting, 90 MB-MB90-6-6	1
10		• Fitting, 90 FS6801-4-6	1
11		• Tee, Special Drill 6 SAE FS6500-10-10	1
12		• Fitting, 90 FS6801-10-8	1
13	79758	• Plate, Auger Rotation	1

DASH (-) ITEM NOT ILLUSTRATED

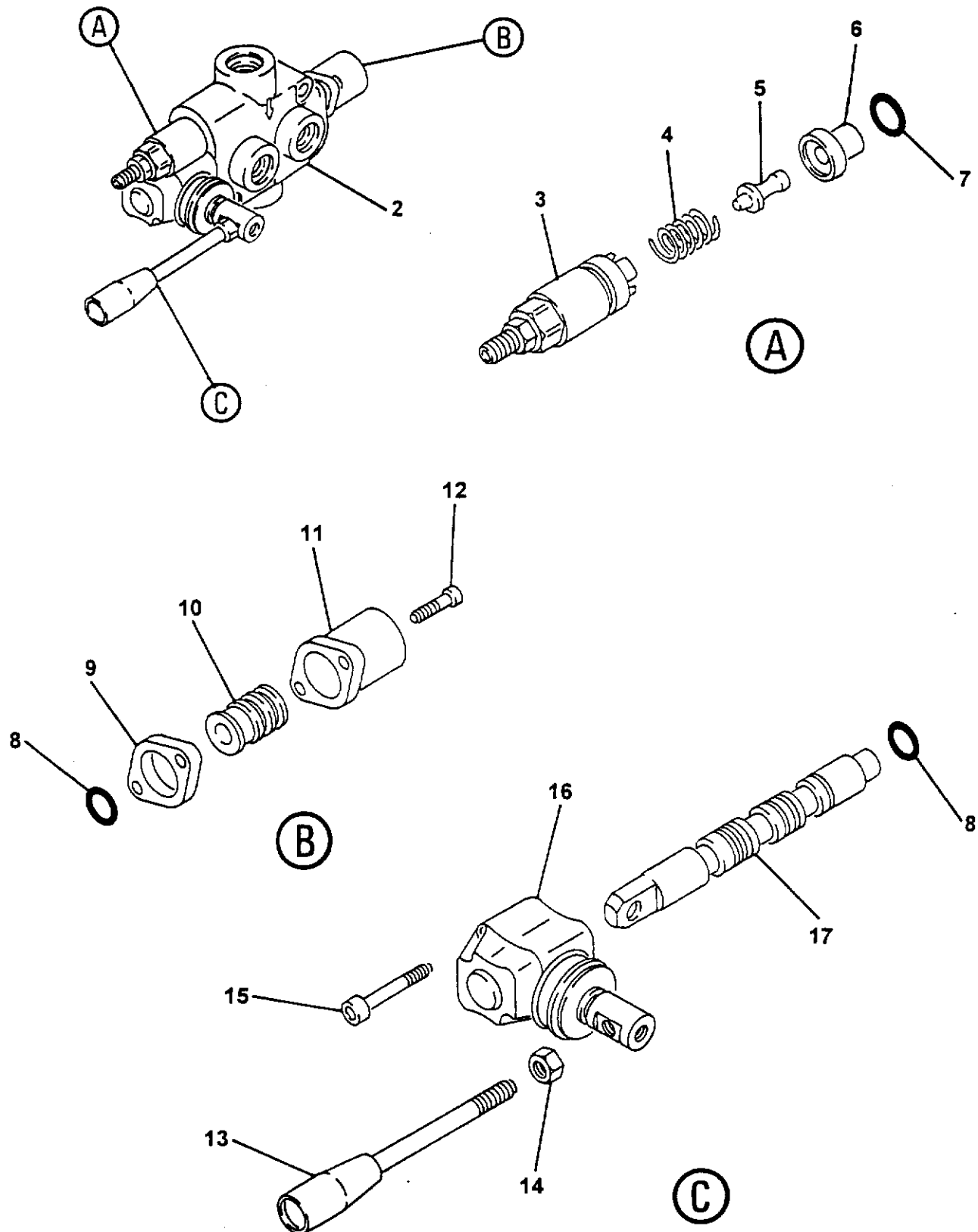
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CONCRETE PLACING
EQUIPMENT

**OPTIONAL REMIXER/AUGER
CONTROL VALVE SUBASSEMBLY**

**PARTS
GROUP 20
FIGURE 05
PAGE 01**



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REEDCONCRETE PLACING
EQUIPMENT**OPTIONAL REMIXER/AUGER
CONTROL VALVE SUBASSEMBLY****PARTS****GROUP 20****FIGURE 05****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74584	Sub-Assembly, Auger Control Valve (Optional) (See Group 20, Figure 04 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

REVISION:

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EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

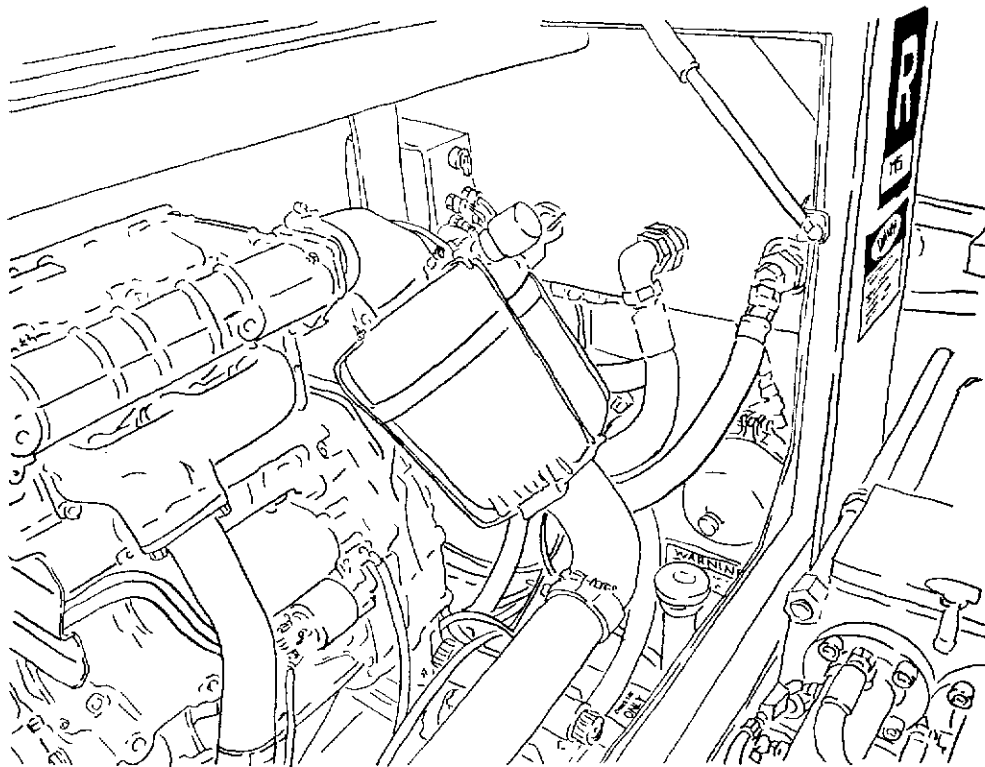
PARTS
GROUP 20
FIGURE 06
PAGE 01

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**M5 MULTISPRAY MIXER & PUMP
GROUP 30 TANK INSTALLATION**

GROUP 30 HYDRAULIC TANK INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	TANK INSTALLATION
FIGURE 02	ACCUMULATOR ASSEMBLY
FIGURE 03	FUEL TANK ASSEMBLY
FIGURE 04	D 08 VALVE ASSEMBLY
FIGURE 05	DIRECTIONAL CONTROL VALVE SUBASSEMBLY
FIGURE 06	D 08 SOLENOID VALVE SUBASSEMBLY
FIGURE 07	D 05 VALVE ASSEMBLY
FIGURE 08	D 05 SOLENOID VALVE SUBASSEMBLY
FIGURE 09	HYDRAULIC TANK ASSEMBLY
FIGURE 10	HYDRAULIC MIXER DUMP MANIFOLD ASSEMBLY
FIGURE 11	MIXER DUMP MANIFOLD SOLENOID VALVE SUBASSEMBLY



REED

CONCRETE PLACING
EQUIPMENT

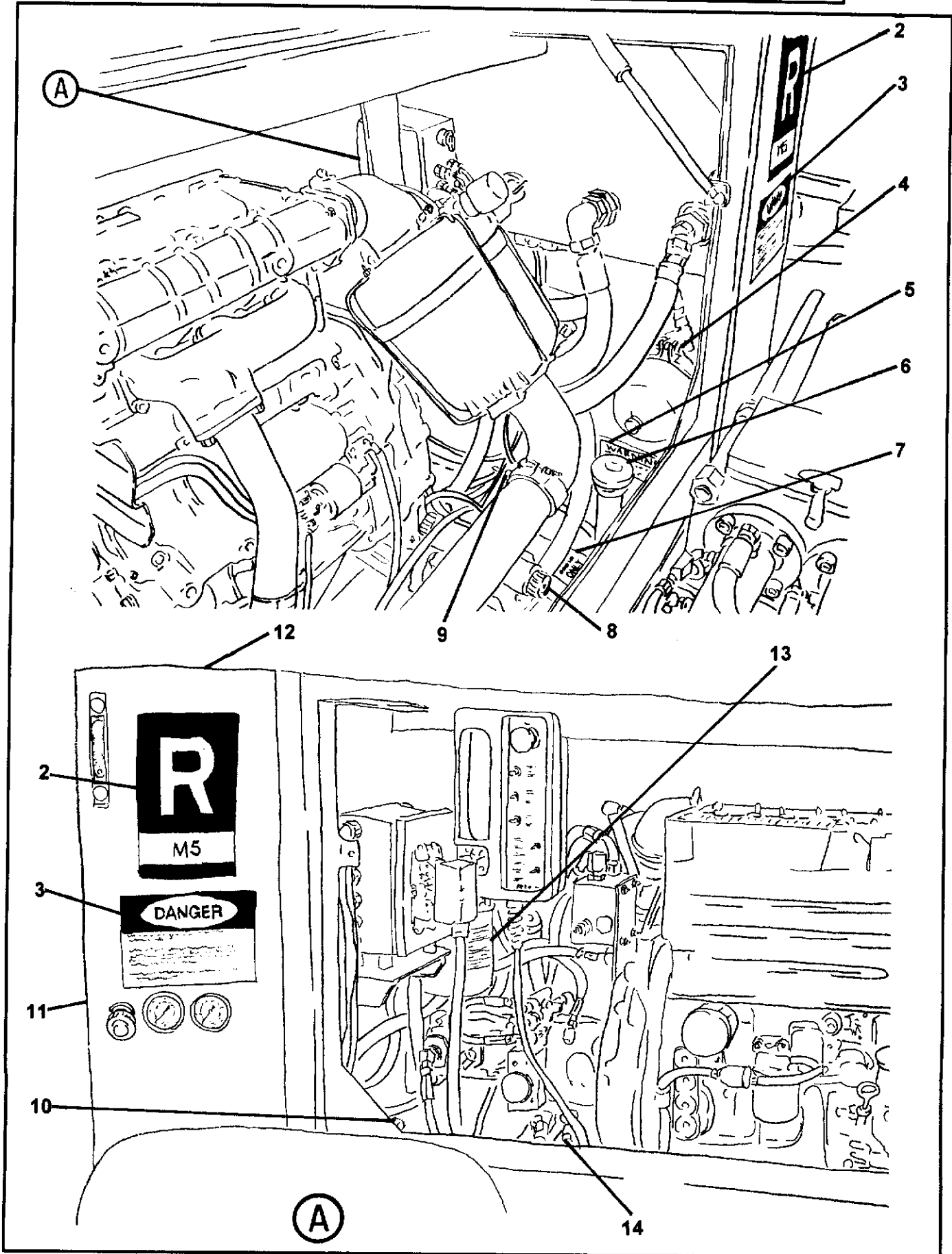
TANK INSTALLATION

PARTS

GROUP 30

FIGURE 01

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**TANK INSTALLATION****PARTS****GROUP 30****FIGURE 01****PAGE 02**

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	76892	• Decal, <i>R M5</i>	2
3	75083	• Decal, Danger, You Must Not Operate This Machine Unless	2
4	30-02	• Assembly, Accumulator (See Group 30, Figure 02 for DET)	1
5	75003	• Decal, Warning, Relieve Pressure Before Disassemble	1
6	76857	• Assembly, Fuel Tank (See Group 30, Figure 03 for DET)	1
7	75017	• Decal, Diesel Only	1
8	30-04	• Assembly, D 08 Valve (See Group 30, Figure 04 for DET)	1
9	79718	• Assembly, Adjustable Flow Control for Mixer	1
10	30-07	• Assembly, D 05 Valve (See Group 30, Figure 07 for DET)	1
11	30-09	• Assembly, Hydraulic Tank (See Group 30, Figure 09 for DET)	1
12	75020	• Decal, Hydraulic Oil	1
13	75022	• Decal, The Filter Element Inside This Housing Must be Replaced	1
14	30-10	• Assembly, Hydraulic Mixer Dump Manifold (See Group 30, Figure 10 for DET)	1
-15	76858	• Kit, Hydraulic Hose	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

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CONCRETE PLACING
EQUIPMENT

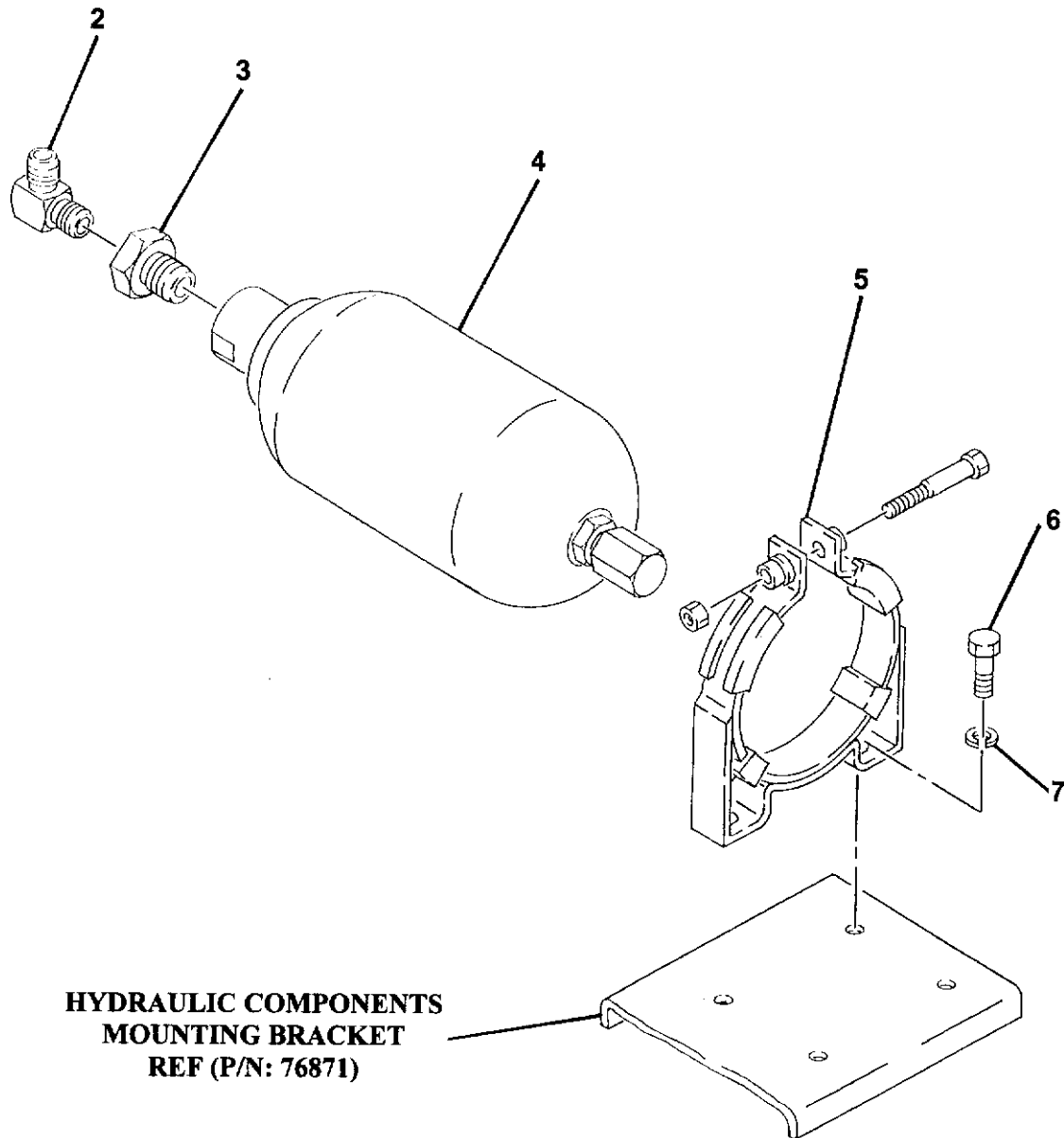
ACCUMULATOR ASSEMBLY

PARTS

GROUP 30

FIGURE 02

PAGE 01



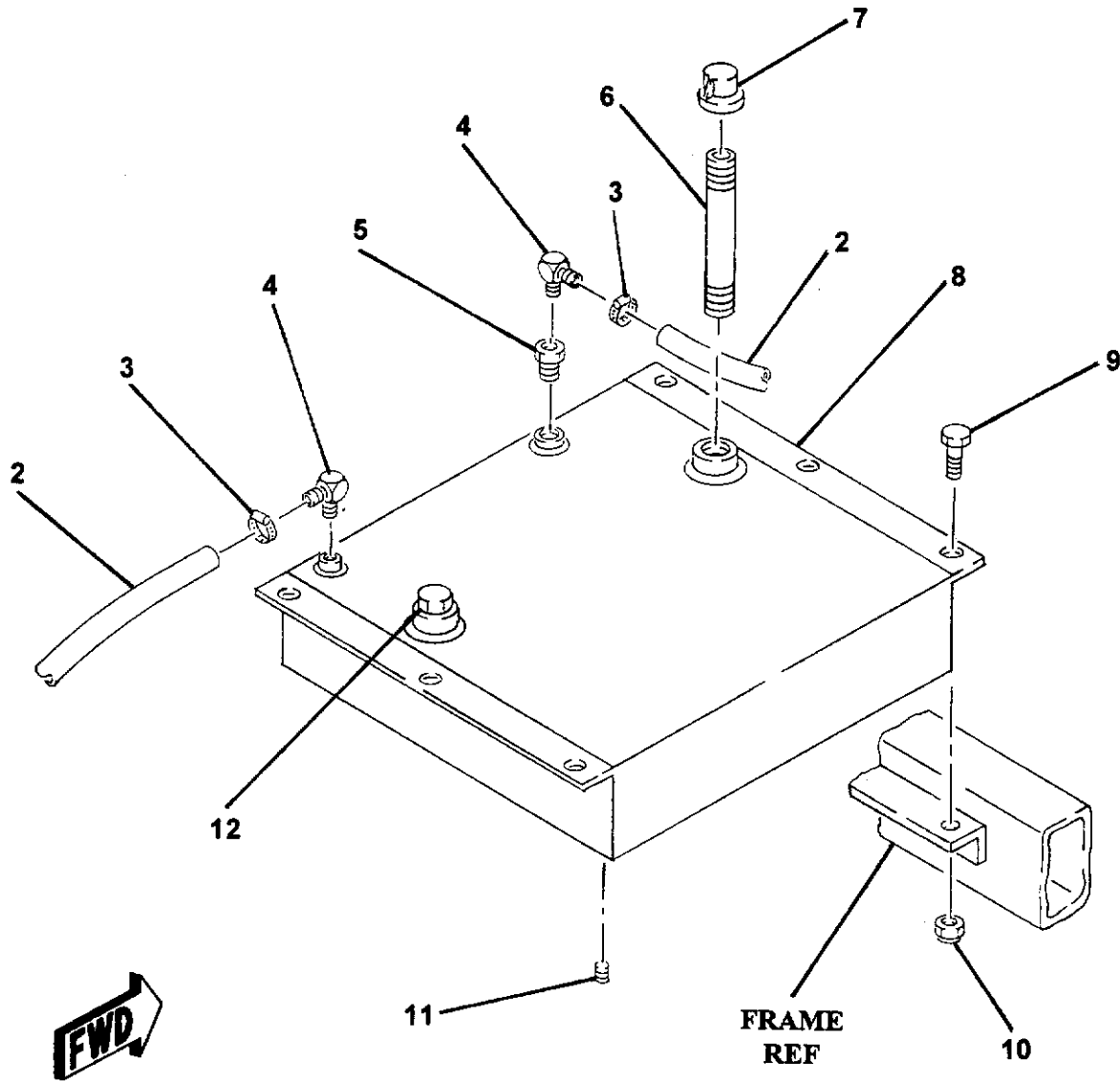
REEDCONCRETE PLACING
EQUIPMENT**ACCUMULATOR ASSEMBLY****PARTS****GROUP 30****FIGURE 02****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-02	Assembly, Accumulator (See Group 30, Figure 01 for NHA)	Ref
2		• Fitting, 90	1
3		• Reducer	1
4	74515	• Accumulator, 1 Gal	1
5	73171	• Bracket, Accumulator	2
6		• Bolt, Hex (attaching parts)	4
7		• Washer, Lock (attaching parts)	4
-8	71460	• Kit, Accumulator Charge (See Group 80, Figure 07 for DET)	Ref
-9	80-08	• Kit, Bladder Repair (See Group 80, Figure 08 for DET)	Ref

DASH (-) ITEM NOT ILLUSTRATED

FUEL TANK ASSEMBLY

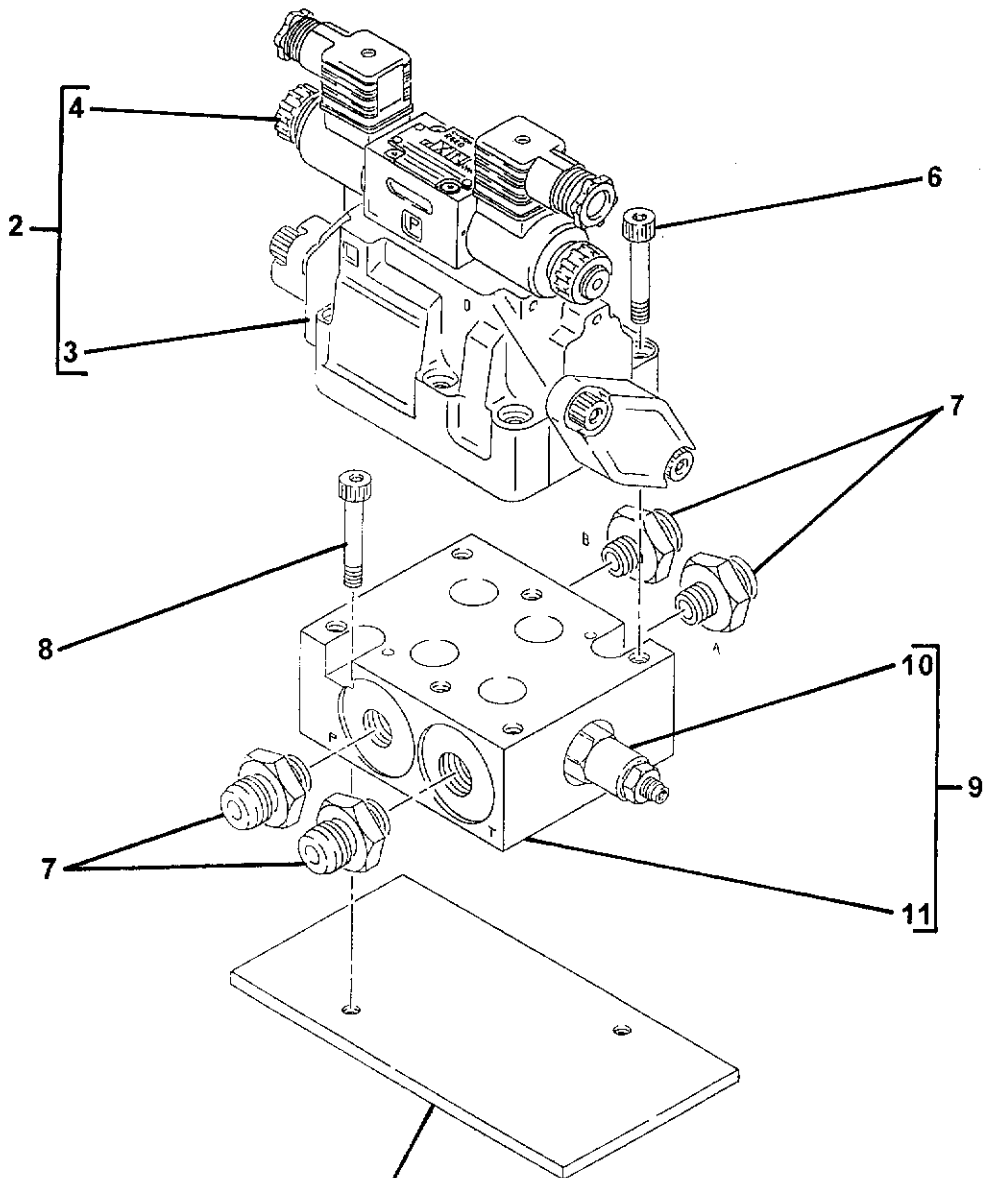
PARTS
GROUP 30
FIGURE 03
PAGE 01



REEDCONCRETE PLACING
EQUIPMENT**FUEL TANK ASSEMBLY****PARTS****GROUP 30****FIGURE 03****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76857	Assembly, Fuel Tank (See Group 30, Figure 01 for NHA)	Ref
2	76879	• Tube, Fuel Pick Up	A/R
3		• Clamp, Mini	2
4		• Fitting, 90	2
5		• Reducer	1
6	71363	• Nipple	1
7	74710	• Cap, Fuel	1
8	76872	• Weldment, Fuel Tank	1
9		• Bolt, Hex (attaching parts)	6
10		• Nut, Lock (attaching parts)	6
11		• Plug, Drain	1
12		• Plug, for Fuel Gage (Optional)	1
-13	73773	• Gage, Fuel (Optional)	1

DASH (-) ITEM NOT ILLUSTRATED

D 08 VALVE ASSEMBLY

**HYDRAULIC COMPONENTS
MOUNTING BRACKET
REF (P/N: 76871)**

REEDCONCRETE PLACING
EQUIPMENT**D 08 VALVE ASSEMBLY****PARTS****GROUP 30****FIGURE 04****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-04	Assembly, D 08 Valve (See Group 30, Figure 01 for NHA)	Ref
2	74990	• Valve, Main	1
3	74937	• • Sub-Assembly, Directional Control Valve (See Group 30, Figure 05 for DET)	1
4	74938	• • Sub-Assembly, Solenoid Valve (See Group 30, Figure 06 for DET)	1
-5	74994	• • Kit, Seal	1
6		• Screw, 1/2 - 13 x 2 1/4	6
7		• Fitting, 90	4
8		• Screw, 1/2 - 13 x 2 1/2	2
9	74251	• Assembly, Sub-Plate	1
10	74252	• • Valve, Relief	1
11	74249	• • Sub-Plate	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

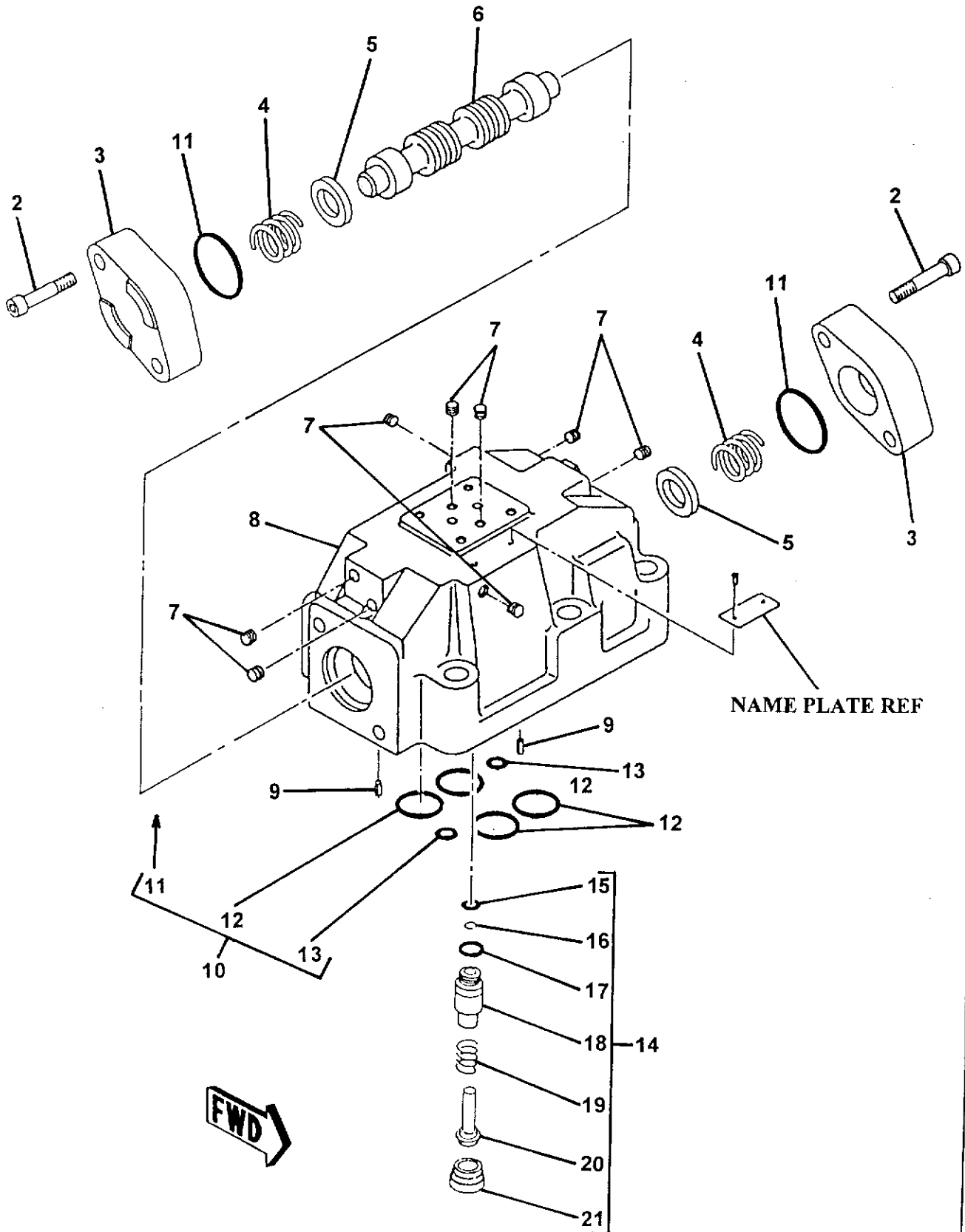
DIRECTIONAL CONTROL VALVE SUB-ASSEMBLY

PARTS

GROUP 30

FIGURE 05

PAGE 01



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REEDCONCRETE PLACING
EQUIPMENT**DIRECTIONAL CONTROL
VALVE SUB-ASSEMBLY****PARTS****GROUP 30****FIGURE 05****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74938	Sub-Assembly, Directional Control Valve (See Group 30, Figure 04 for NHA)	Ref
2		• Screw, SOC M10 x 40	1
3		• Cover	1
4		• Spring, Compression	2
5		• Plate, Spring	2
6		• Spool	6
7		• Plug M6	4
8		• Housing, Cartridge	2
9		• Pin, Grooved	1
10		• Kit, Seal	1
11		• • O-Ring, 42 x 3	1
12		• • O-Ring, 27 x 3	1
13		• • O-Ring, 19 x 3	1
14	73147	• Sub-Assembly, Pilot Pressure Valve	2
15		• • O-Ring, 12 x 1.5	1
16		• • Circlip, A8	1
17		• • O-Ring	1
18		• • Sleeve	1
19		• • Spring, Compression	1
20		• • Cone	1
21		• • Valve, Seat	1

DASH (-) ITEM NOT ILLUSTRATED

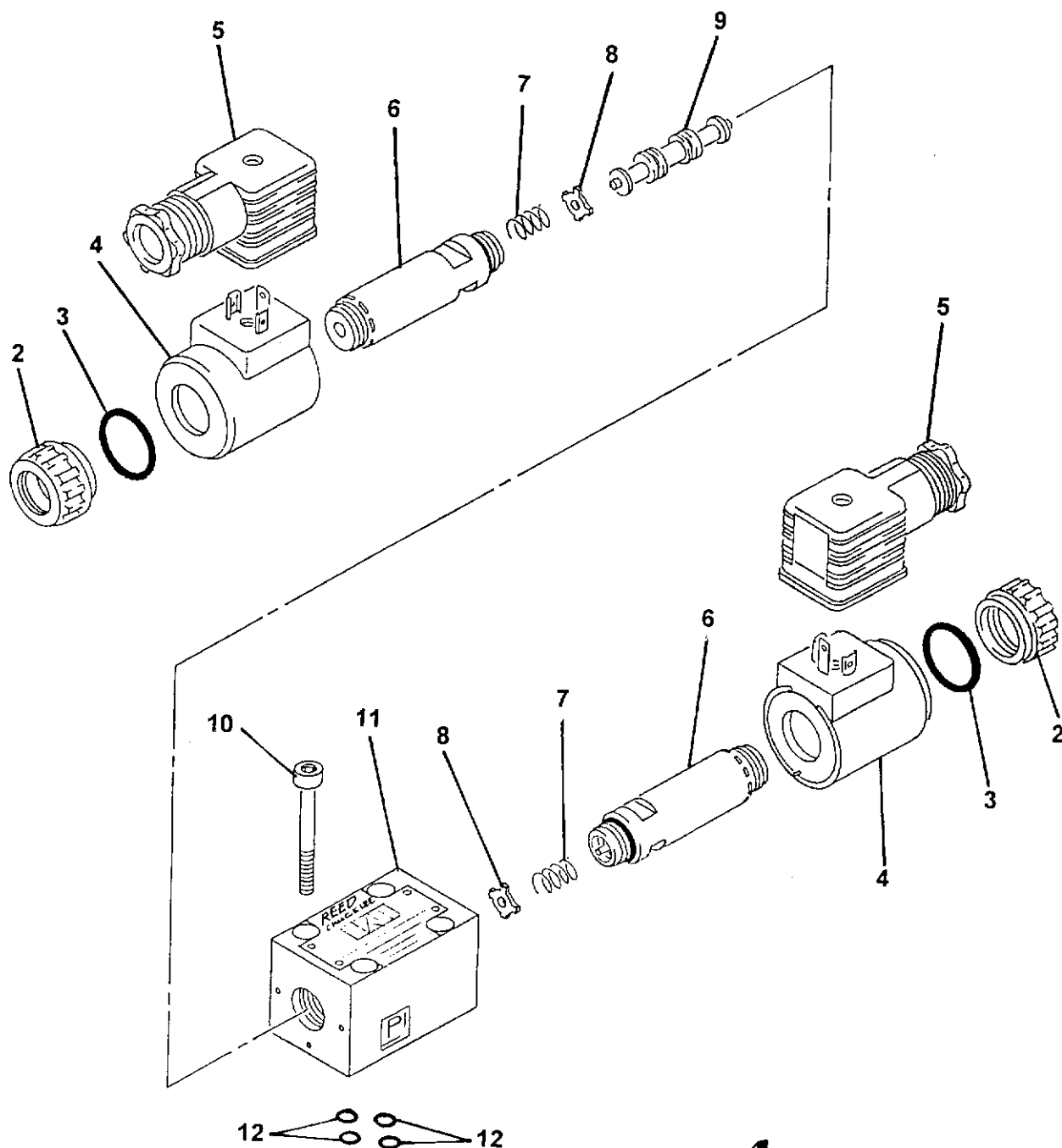
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REEDCONCRETE PLACING
EQUIPMENT**D 08 SOLENOID VALVE SUBASSEMBLY****PARTS**

GROUP 30

FIGURE 06

PAGE 01

**FWD**

REEDCONCRETE PLACING
EQUIPMENT**D 08 SOLENOID VALVE SUBASSEMBLY****PARTS**

GROUP 30

FIGURE 06

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74938	Sub-Assembly, D 08 Solenoid Valve (See Group 30, Figure 04 for NHA)	Ref
2		• Cap, Coil	2
3		• O-Ring	2
4		• Coil, Solenoid	2
5	74597	• Connector, Plug	2
6		• Armature	2
7		• Spring	2
8		• Plate, Spring	2
9		• Spool	1
10		• Screw, SOC	4
11		• Housing, Solenoid Valve	1
12		• O-ring	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

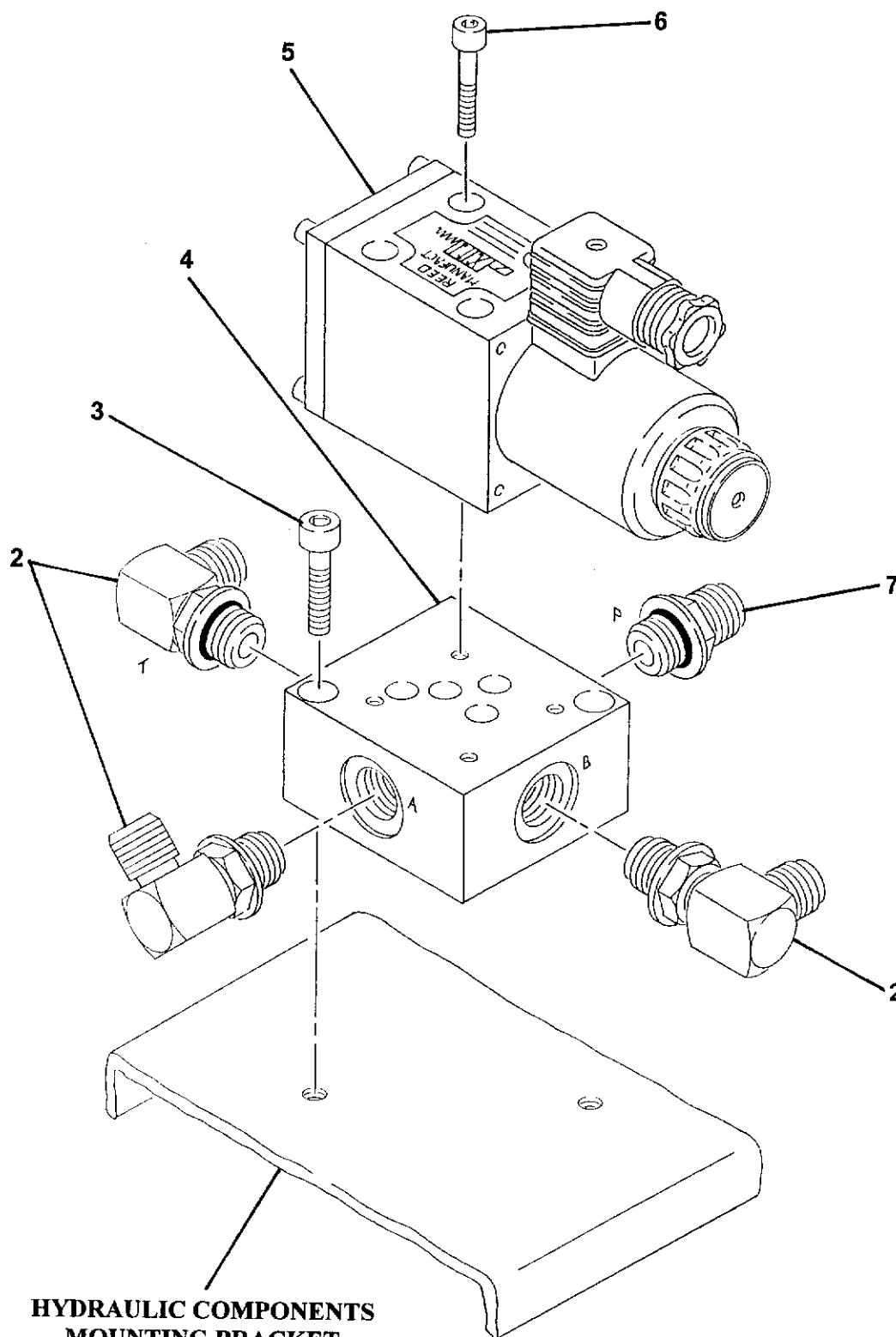
D 05 VALVE ASSEMBLY

PARTS

GROUP 30

FIGURE 07

PAGE 01



**HYDRAULIC COMPONENTS
MOUNTING BRACKET
REF (P/N: 76871)**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**D 05 VALVE ASSEMBLY****PARTS****GROUP 30****FIGURE 07****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-07	Assembly, D 05 Valve (See Group 30, Figure 01 for NHA)	Ref
2		• Fitting, 90	3
3		• Screw, Cap	2
4	72983	• Sub-Plate, D 05	1
5	72984	• Sub-Assembly, D 05 Solenoid Valve (See Group 30, Figure 08 for DET)	1
6		• Screw, Cap (attaching parts)	4
7		• Fitting, STR	1

DASH (-) ITEM NOT ILLUSTRATED

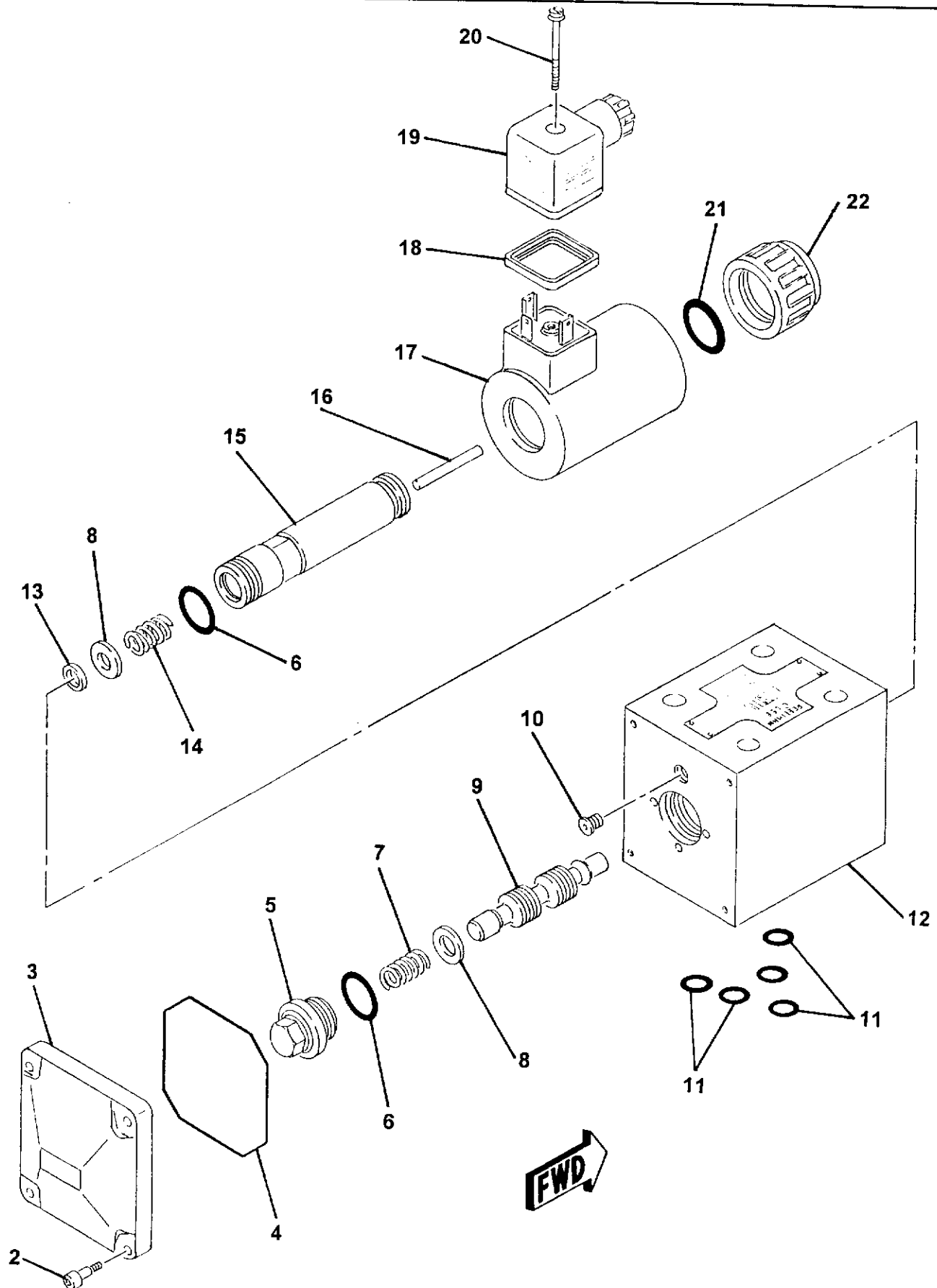
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REED

CONCRETE PLACING
EQUIPMENT

D 05 SOLENOID VALVE SUB-ASSEMBLY

PARTS
GROUP 30
FIGURE 08
PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**D 05 SOLENOID VALVE
SUB-ASSEMBLY****PARTS**

GROUP 30

FIGURE 08

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
-1	72984	1 2 3 4 5 Sub-Assembly, Solenoid Valve (See Group 30, Figure 07 for NHA)	Ref
2		• Screw, M5 -16	4
3		• Cover	1
4		• Seal	1
5		• Cover, Spring	1
6		• O-Ring	2
7		• Spring, Compression	1
8		• Retainer, Spring	2
9		• Spool	1
10		• Plug	1
11		• O-Ring	5
12		• Housing	1
13		• Disk	1
14		• Spring, Compression	1
15		• Bolt, Special	1
16		• Armature	1
17		• Coil, 12 VDC Solenoid	1
18		• Seal	1
19	74597	• Connector, Plug	1
20		• • Screw (attaching parts)	1
21		• O-Ring	1
22		• Nut, Coil	1

DASH (-) ITEM NOT ILLUSTRATED

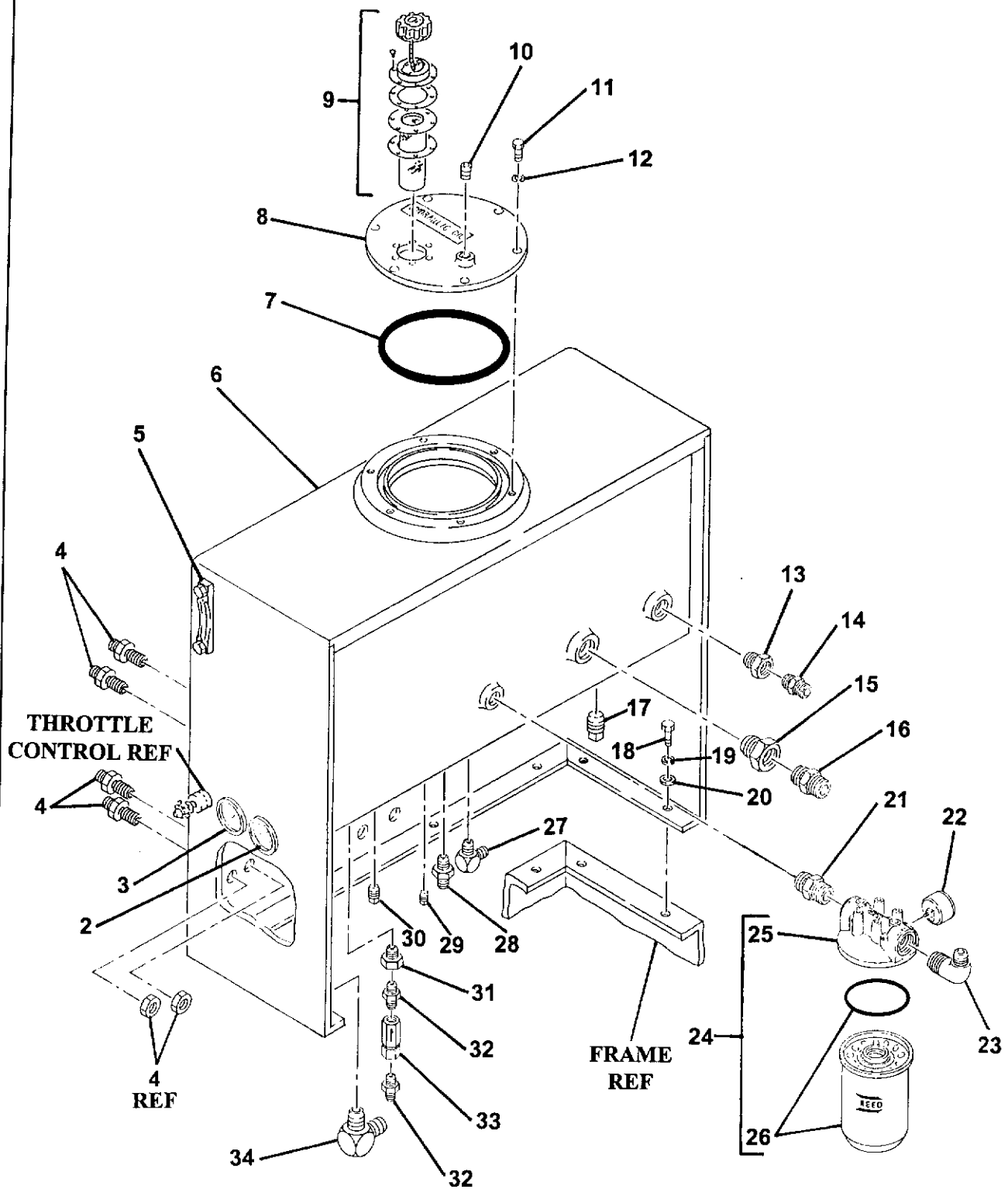
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REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC TANK ASSEMBLY****PARTS**

GROUP 30

FIGURE 09

PAGE 01



REED**CONCRETE PLACING
EQUIPMENT****HYDRAULIC TANK ASSEMBLY****PARTS****GROUP 30****FIGURE 09****PAGE 02**

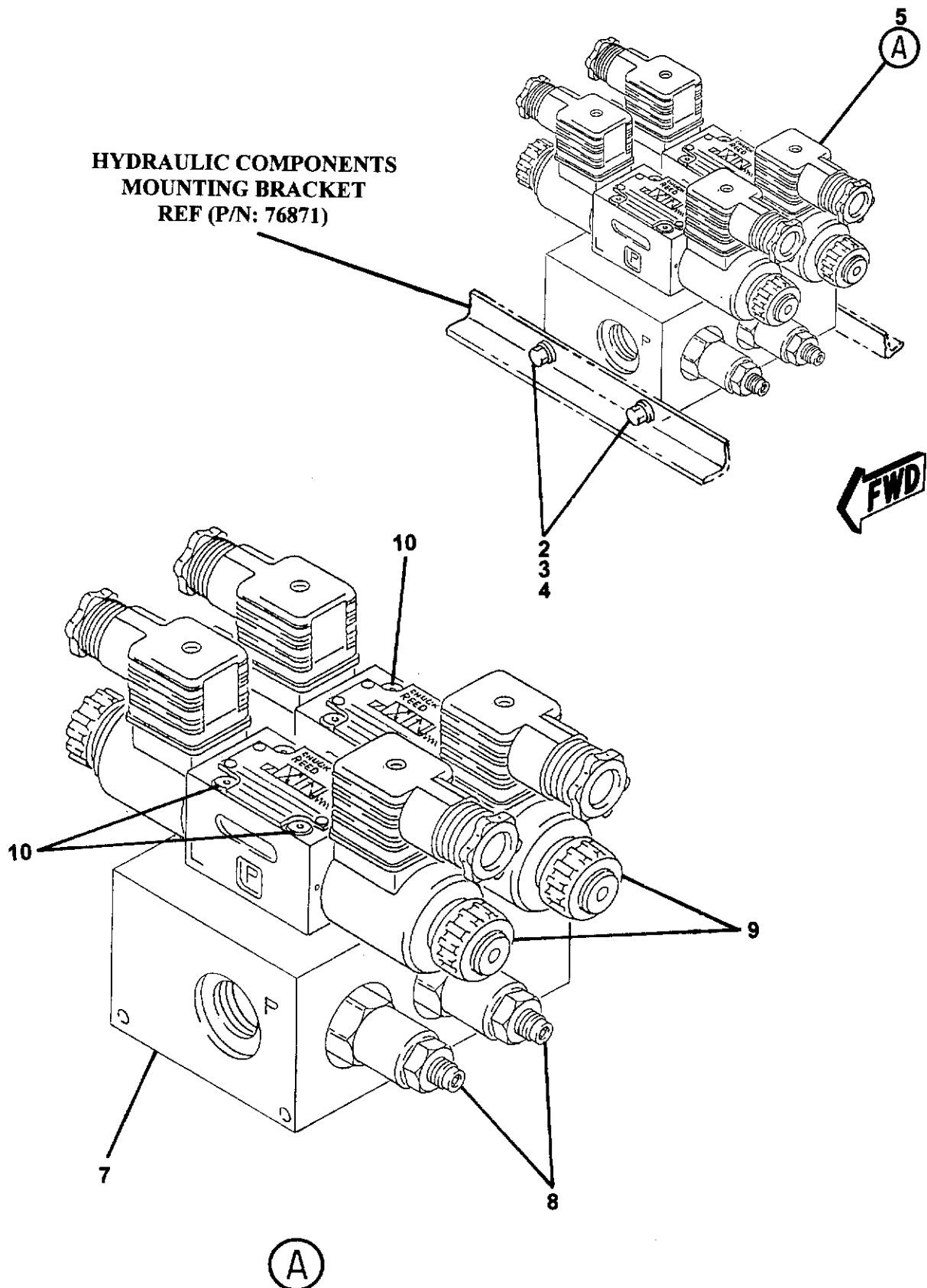
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-09	Assembly, Hydraulic Tank (See Group 30, Figure 01 for NHA)	Ref
2	70366	• Gauge, 3,000 PSI Hydraulic	1
3	74562	• Gauge, 5,000 PSI Hydraulic	1
4		• Fitting, STR	4
5	74509	• Gauge, Sight	1
6	79490	• Weldment, Hydraulic Tank	1
7	74004	• O-Ring	1
8	72645	• Cover, Tank Top	1
9	74508	• Cap, Filler Breather	1
10		• Plug	1
11		• Bolt, Hex	6
12		• Washer, Lock	6
13		• Reducer	1
14		• Fitting, STR	1
15		• Reducer	1
16		• Fitting, STR	1
17		• Plug	1
18		• Bolt, Hex	8
19		• Washer, Lock	8
20		• Washer, Flat	8
21		• Fitting, STR	1
22	79453	• Gauge, Hydraulic Filter	1
23		• Fitting, 90	1
24	79452	• Assembly, Return Filter	1
25		• • Cap, Filter	1
26	79554	• • Element, Filter with O-Ring	1
27		• Fitting, 90	1
28		• Fitting, STR	1
29		• Plug	1
30		• Plug	1
31		• Reducer	1
32		• Fitting, STR	2
33	74324	• Valve, Check	1
34		• Fitting, 90	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

HYDRAULIC MIXER DUMP MANIFOLD ASSEMBLY

PARTS
GROUP 30
FIGURE 10
PAGE 01



REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC MIXER DUMP
MANIFOLD ASSEMBLY****PARTS**
GROUP 30
FIGURE 10
PAGE 02

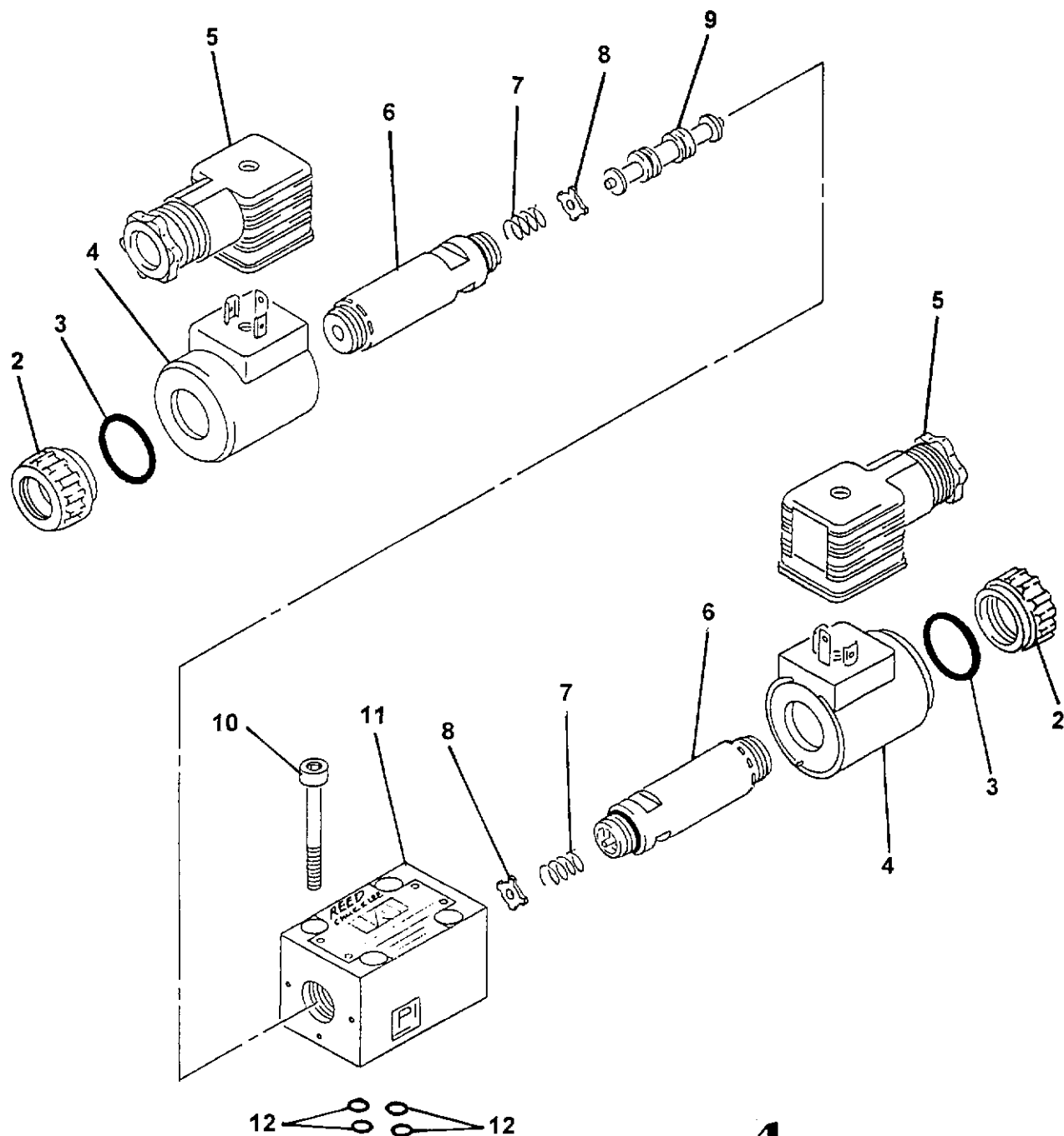
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10-10	Assembly, Hydraulic Mixer Dump Manifold (See Group 30, Figure 01 for NHA)	Ref
2		• Bolt, Hex	2
3		• Washer, SPL Lock	4
4		• Nut, Hex	2
5	76821	• Assembly, Mixer Dump Manifold	1
-6	76903	• • Kit, Seal	1
7	76904	• • Block, Manifold	1
8	76905	• • Cartridge, Relief	2
9	76906	• • Sub-Assembly, Mixer Dump Manifold (See Group 30, Figure 11 for NHA)	2
10		• • Screw, Hex	8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

**MIXER DUMP MANIFOLD
SOLENOID VALVE SUBASSEMBLY**

**PARTS
GROUP 30
FIGURE 11
PAGE 01**



FWD

REEDCONCRETE PLACING
EQUIPMENT**MIXER DUMP MANIFOLD
SOLENOID VALVE SUBASSEMBLY****PARTS**
GROUP 30
FIGURE 11
PAGE 02

ITEM NO.	REED'S PARTS.NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76906	Sub-Assembly, Mixer Dump Manifold Solenoid Valve (See Group 30, Figure 10 for NHA)	Ref
2		• Cap, Coil	2
3		• O-Ring	2
4		• Coil, Solenoid	2
5	74597	• Connector, Plug	2
6		• Armature	2
7		• Spring	2
8		• Plate, Spring	2
9		• Spool	1
10		• Screw, SOC	4
11		• Housing, Solenoid Valve	1
12		• O-ring	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

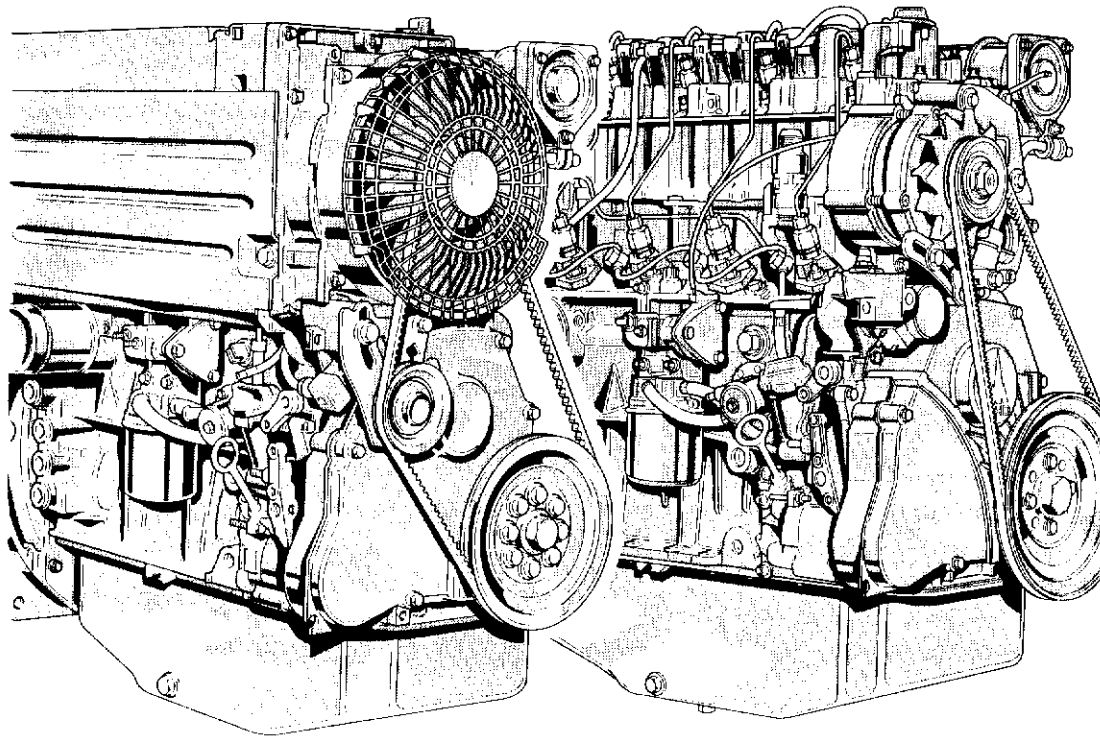
REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

PARTS
GROUP 30
FIGURE 12
PAGE 01

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**M5 MULTISPRAY MIXER & PUMP
GROUP 40 POWER TRAIN INSTALLATION****PARTS
GROUP 40
FIGURE 00
PAGE 01**

GROUP 40 POWER TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	POWER TRAIN INSTALLATION
FIGURE 02	HYDRAULIC PUMPS ASSEMBLY
FIGURE 03	MAIN PUMP ASSEMBLY
FIGURE 04	UNLOADER MANIFOLD ASSEMBLY
FIGURE 05	BATTERY MOUNTING ASSEMBLY

REED

CONCRETE PLACING
EQUIPMENT

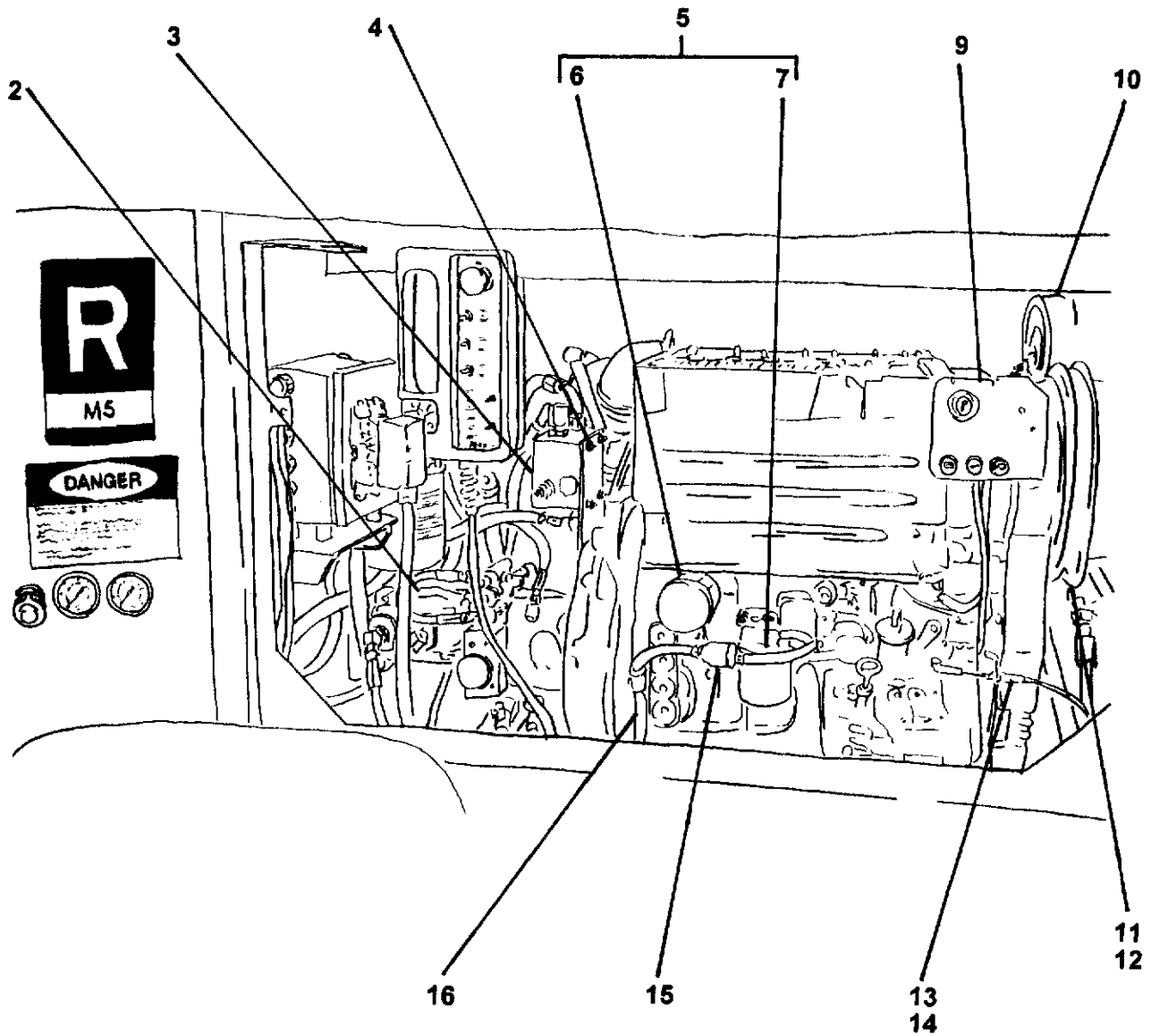
POWER TRAIN INSTALLATION

PARTS

GROUP 40

FIGURE 01

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**POWER TRAIN INSTALLATION****PARTS**

GROUP 40

FIGURE 01

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-01	Installation, Power Train (See Group 10, Figure 01 for NHA)	Ref
2	40-02	• Assembly, Main and Auxiliary Pumps (See Group 40, Figure 02 for DET)	1
3	40-04	• Assembly, Unloader Manifold Assembly (See Group 40, Figure 04 for DET)	1
4	76873	• Plate, Valve Mounting	1
5	74230	• Assembly, Engine (See Vendor Section, Figure 01 for REF)	1
6	72909	• • Element, Oil Filter	1
7	72960	• • Element, Fuel Filter	1
-8	74231	• Kit, Flex Mount	1
9		• Control, Engine (See Group 50, Figure 01 for REF)	1
10	76874	• Assembly, Hydraulic Oil Cooler	1
11	79534	• Weldment, Small Air Intake	1
12	79535	• Weldment, Large Air Intake	1
13	78202	• Coupler, Throttle Cable	1
14	79439	• Cable, Throttle Control	1
15	73551	• Filter, Inline Fuel	1
16		• Hose, Fuel	A/R
-17	40-05	• Assembly, Battery Mounting (See Group 40, Figure 05 for DET)	1
-18		• Assembly, Wiring Harness	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

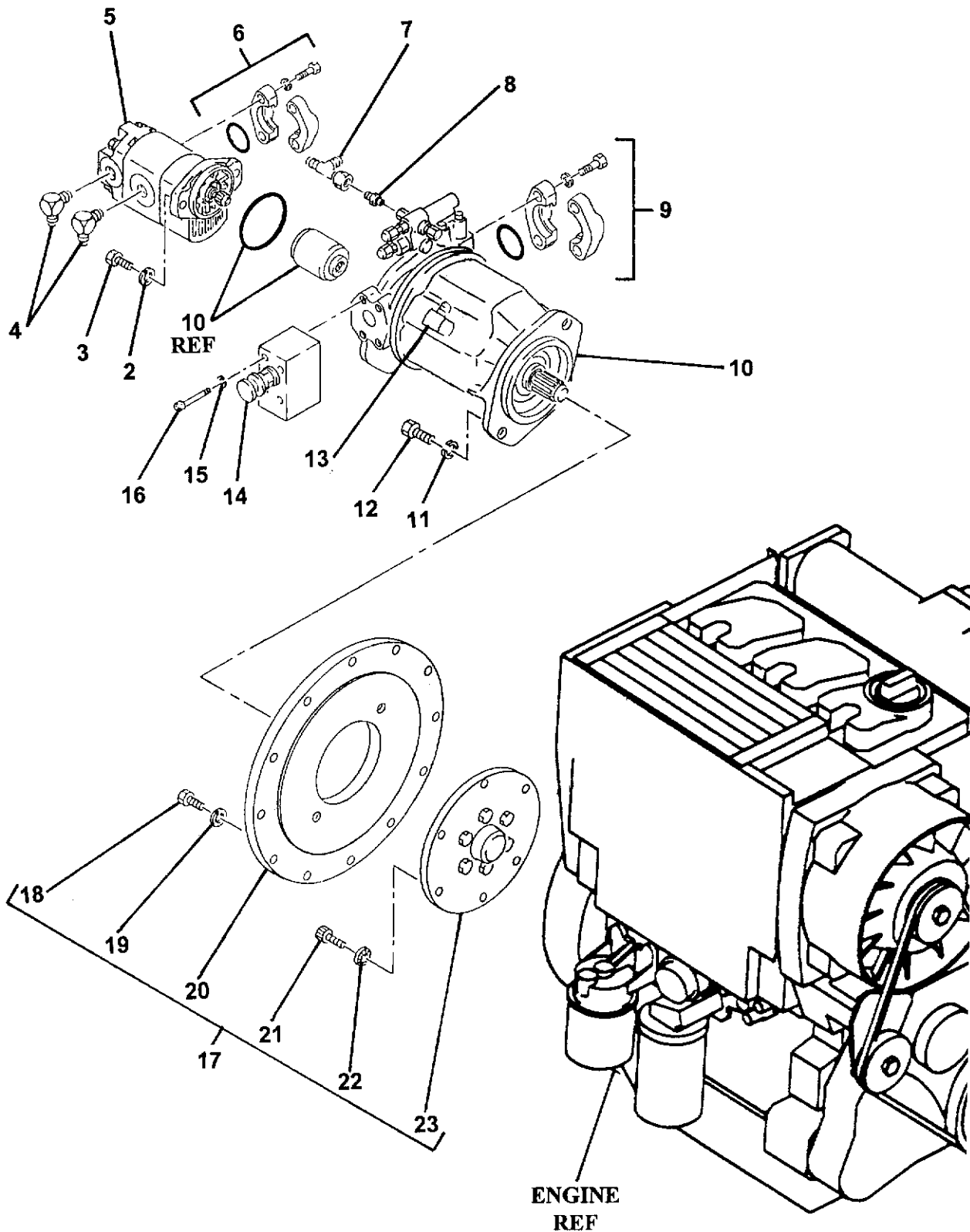
HYDRAULIC PUMPS ASSEMBLY

PARTS

GROUP 40

FIGURE 02

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC PUMPS ASSEMBLY****PARTS**

GROUP 40

FIGURE 02

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-02	Assembly, Hydraulic Pump (See Group 40, Figure 01 for NHA)	Ref
2		• Washer, Lock	2
3		• Bolt, Hex	2
4		• Fitting, 90	2
5	73156	• Assembly, Double Auxiliary Mixer Pump (See Group 90, Figure 06 for DET)	1
6		• Kit, Flange	1
7		• Fitting, Tee	1
8		• Fitting STR	1
9		• Kit, Flange	1
10	79630	• Assembly, Main Pump (See Group 40, Figure 03 for DET) (Also See Vendor Section, Figure 02 for REF)	1
11		• Washer, Lock (attaching parts)	2
12		• Bolt, Hex (attaching parts)	2
13		• Fitting, 90	1
14	79633	• Control, Flow	1
15		• Washer, Lock (attaching parts)	4
16		• Screw, Allen (attaching parts)	4
17	79631	• Assembly, Flywheel Coupling	1
18		• • Bolt, Hex	12
19		• • Washer, SPL	12
20		• • Plate, Flywheel	1
21		• • Screw	6
22		• • Washer	6
23		• • Drive, Flywheel	1
-24	79632	• Plate, Pump Mounting	1

DASH (-) ITEM NOT ILLUSTRATED

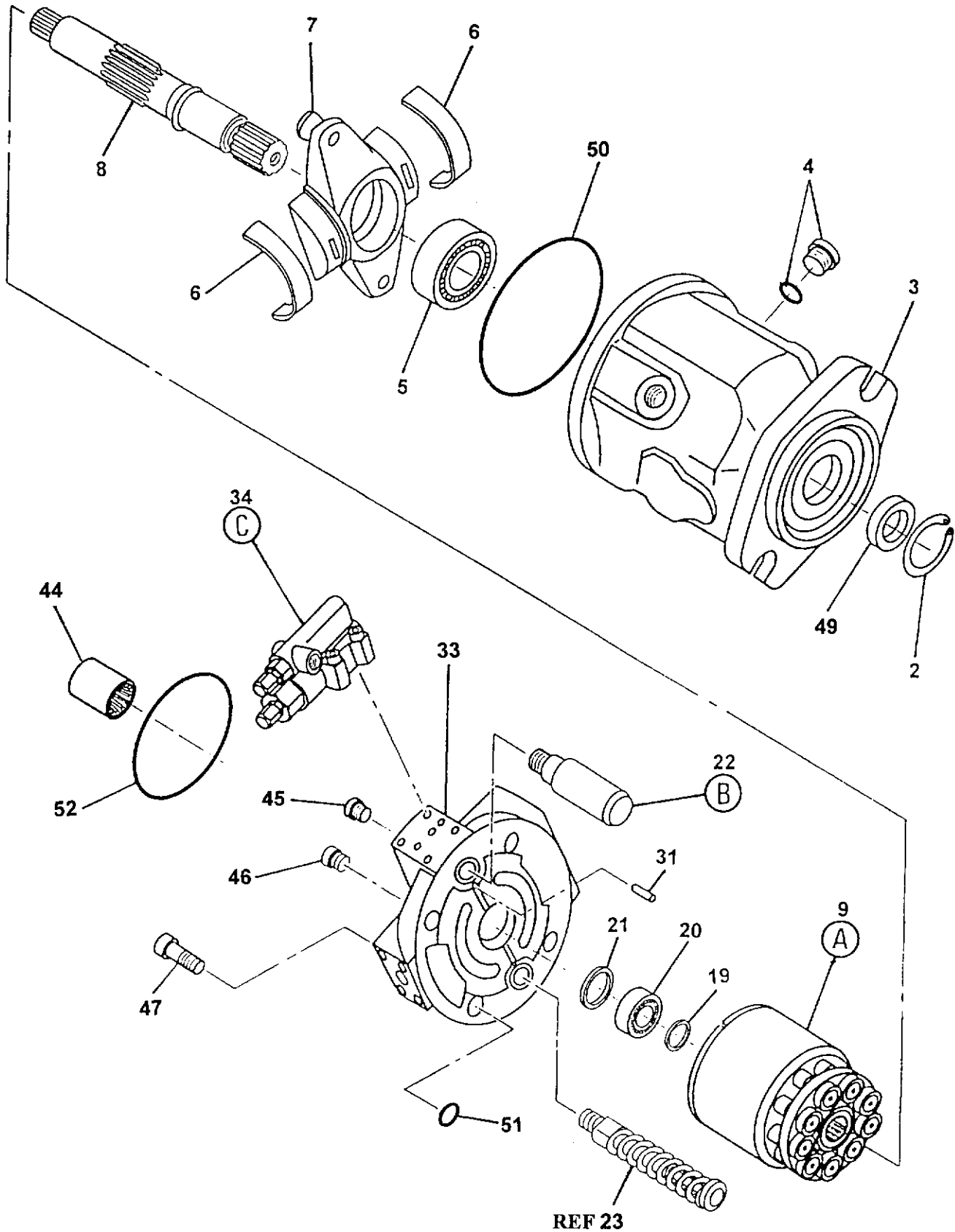
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**MAIN PUMP ASSEMBLY****PARTS**

GROUP 40

FIGURE 03

PAGE 01



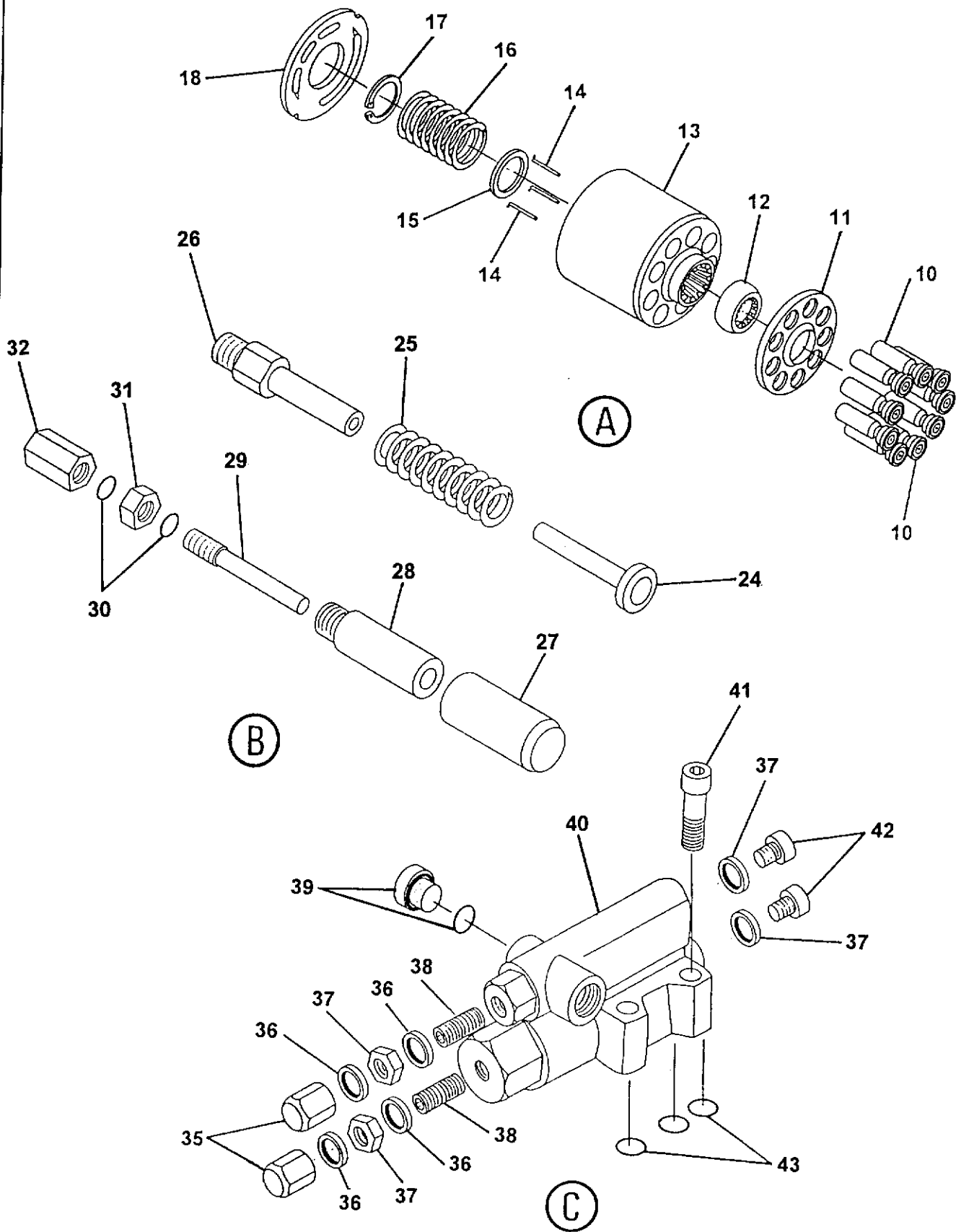
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**MAIN PUMP ASSEMBLY****PARTS****GROUP 40****FIGURE 03****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	79719	Assembly, Main Pump (See Group 40, Figure 02 for NHA)	Ref
2		• V-Ring, Seeger	1
3		• Housing, Pump	1
4		• Plug, O-Ring	1
5		• Bearing, Tapered Roller	1
6		• Bearing, Cradle	2
7		• Assembly, Cradle	1
8		• Shaft, Drive	1
9		• Assembly, Rotary	1
23		• Assembly, Piston Control	1
33		• Block	1
34		• Assembly, Control Valve	1
44		• Coupling	1
45		• Plug	1
46		• Plug	1
47		• Screw, Cap	2
-48		• Kit, Seal	1
49		• • Seal, Shaft	1
50		• • O-Ring	1
51		• • O-Ring	1
52		• • O-Ring	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

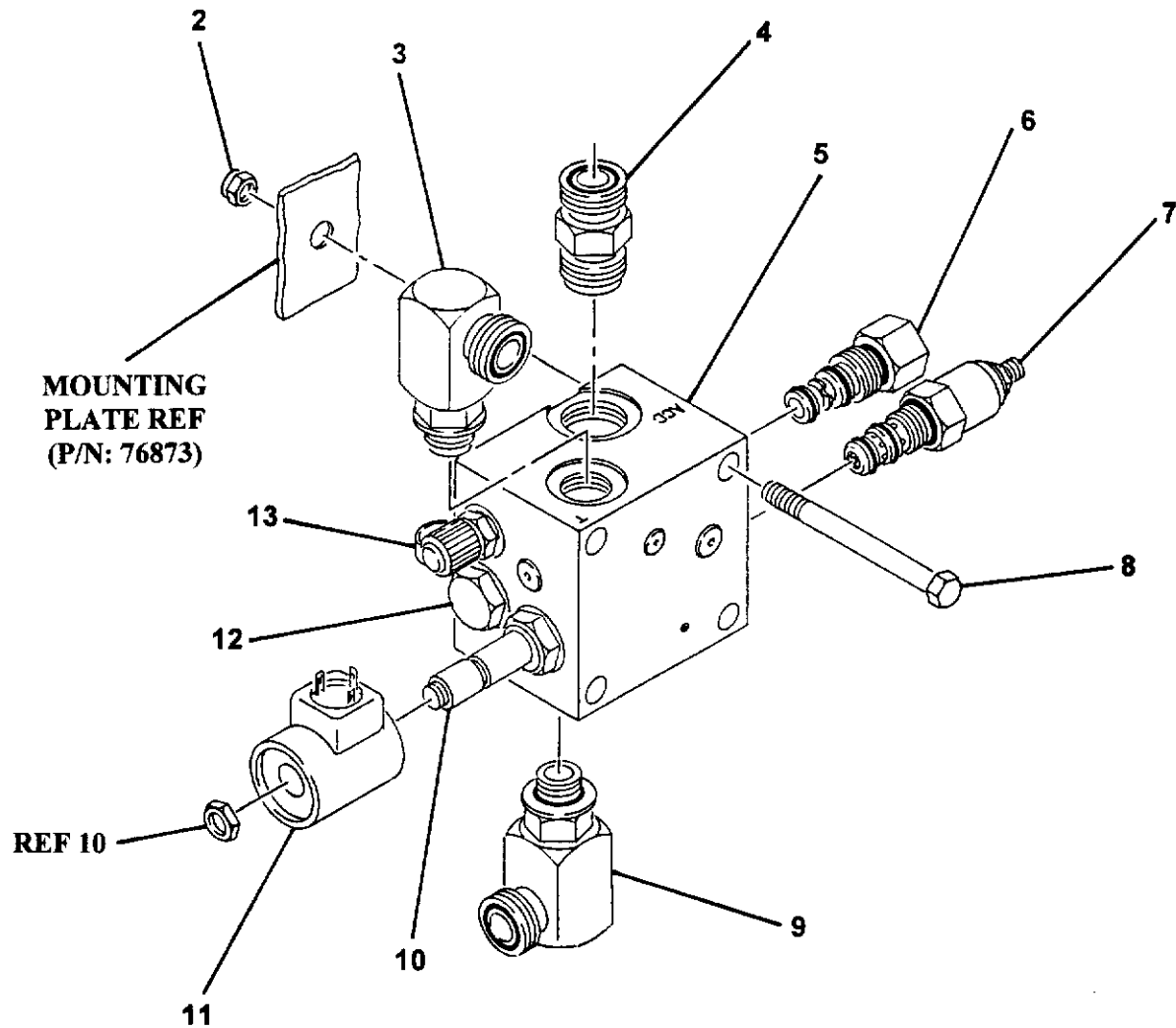
MAIN PUMP ASSEMBLY

REEDCONCRETE PLACING
EQUIPMENT**MAIN PUMP ASSEMBLY****PARTS****GROUP 40****FIGURE 03****PAGE 04**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-9		• Assembly, Rotary					1
10		• • Piston					9
11		• • Plate, Retainig					1
12		• • Ball, Retaining					1
13		• • Barrel					1
14		• • Pin, Pressure					3
15		• • Disc, Retaining Clip					1
16		• • Spring					1
17		• • Ring, Retaining					1
18		• • Plate, Lens					1
-23		• Assembly, Piston Control					1
24		• • Piston, Counter					
25		• • Spring					1
26		• • Guide, Counter Piston					1
27		• • Piston, Counter					1
28		• • Guide, Counter Piston					1
29		• • Screw, Max Volume Adjustment					1
30		• • O-Ring					2
31		• • Nut, Lock					1
32		• • Nut, Acorn					1
-34		• Assembly, Control Valve					1
35		• • Nut, Acorn					2
36		• • O-Ring					3
37		• • Nut, Jam					2
38		• • Screw, Adjusting					2
39		• • Plug, O-Ring					1
40		• • Body, Control Valve					1
41		• • Screw, Cap (attaching parts)					4
42		• • Plug					2
43		• • O-Ring					3

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

UNLOADER MANIFOLD ASSEMBLY

REEDCONCRETE PLACING
EQUIPMENT**UNLOADER MANIFOLD ASSEMBLY****PARTS****GROUP 40****FIGURE 04****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-04	Assembly, Unloader Manifold (See Group 40, Figure 01 for NHA)	Ref
2		• Nut, Nylock 5/16 x 18	4
3		• Fitting, MB-MJ90-12-12	1
4		• Fitting, STR FS6400-12-10	2
5	72803	• Manifold, Unloader	1
6	73203	• Valve, Directional Control	1
7	73155	• Cartridge, Unloader	1
8		• Bolt, Hex 5/16 - 18 x 3 3/4	4
9		• Fitting, MB-MJ90-12-12	1
10	73143	• Cartridge, Solenoid Valve	1
11	73184	• • Coil, 12 VDC	1
12	73140	• Cartridge, Check Valve	1
13	78593	• Fitting, Mini Check (Port)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

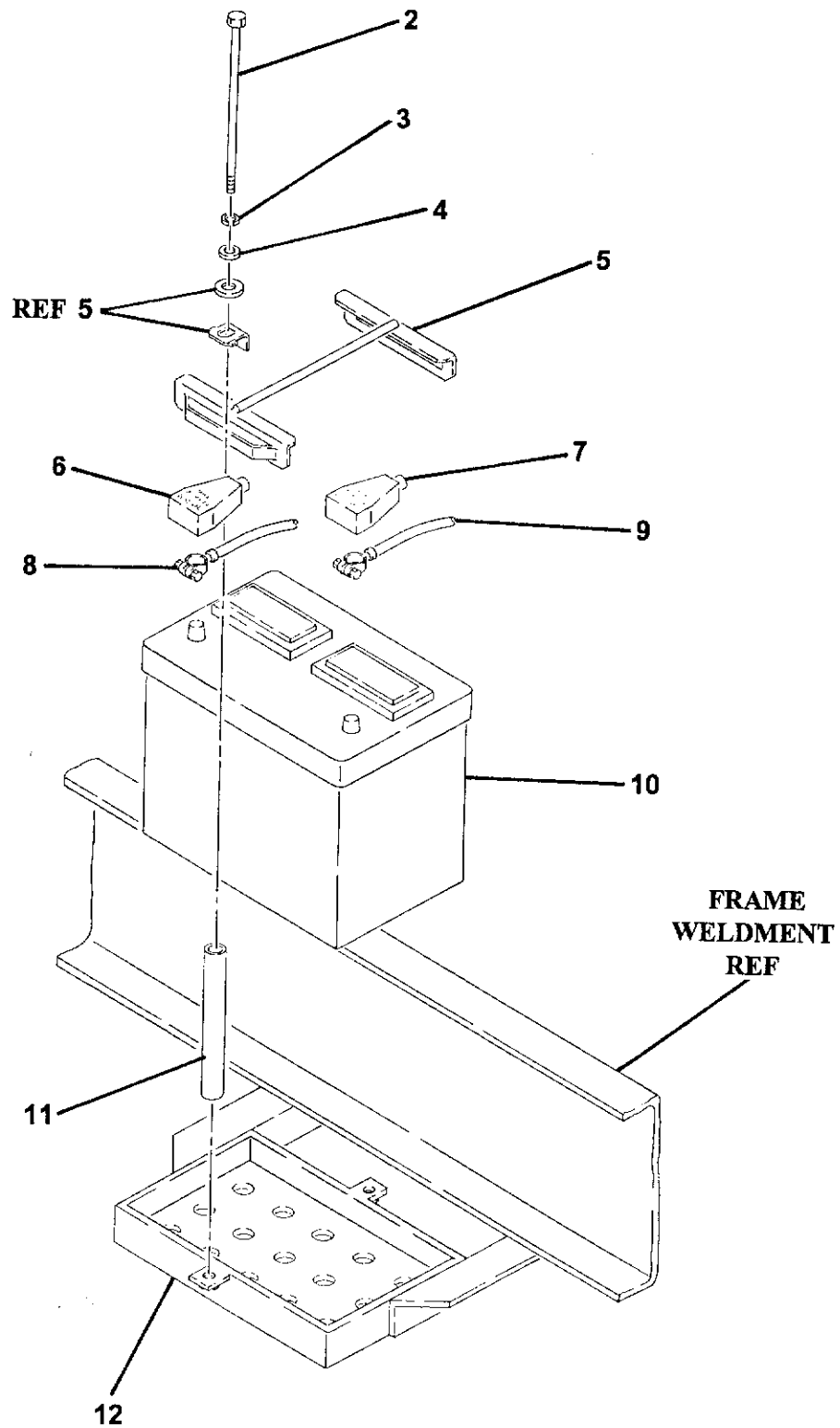
BATTERY MOUNTING ASSEMBLY

PARTS

GROUP 40

FIGURE 05

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**BATTERY MOUNTING ASSEMBLY****PARTS****GROUP 40****FIGURE 05****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-05	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	• Hold Down, Battery	1
6	77720	• Insulator, Negative Battery Cover (Black)	1
7	77719	• Insulator, Positive Battery Cover (Red)	1
8	75116	• Cable, Negative Battery 24" (Black)	1
9	72016	• Cable, Positive Battery 24" (Red)	1
10	72013	• Battery	1
11	73753	• Spacer, Battery Mounting	2
12	76585	• Weldment, Battery Box	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

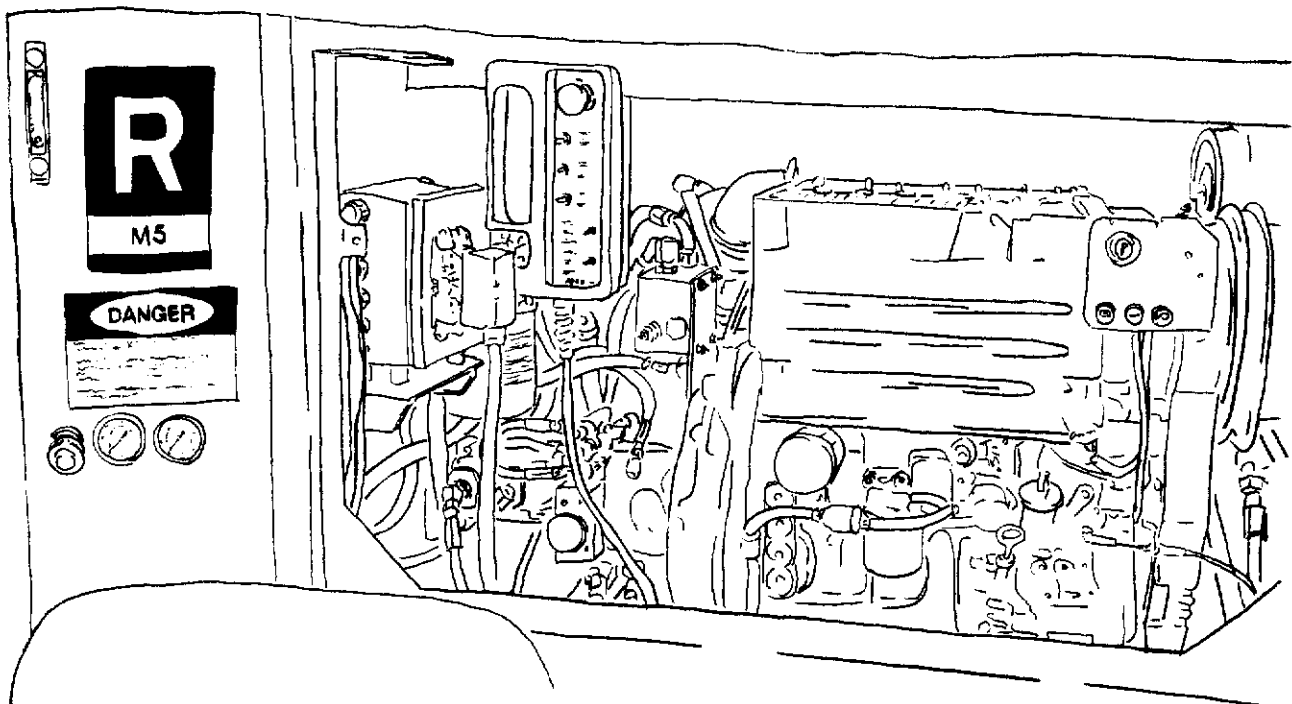
**PARTS
GROUP 40
FIGURE 06
PAGE 01**

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**M5 MULTISPRAY MIXER & PUMP
GROUP 50 CONTROLS INSTALLATION**

GROUP 50 CONTROLS INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	CONTROLS INSTALLATION
FIGURE 02	CONTROL BOX ASSEMBLY
FIGURE 03	MIXER AND PUMP REMOTE CONTROL ASSEMBLY
FIGURE 04	ON/OFF 100 FOOT REMOTE ASSEMBLY



REED

CONCRETE PLACING
EQUIPMENT

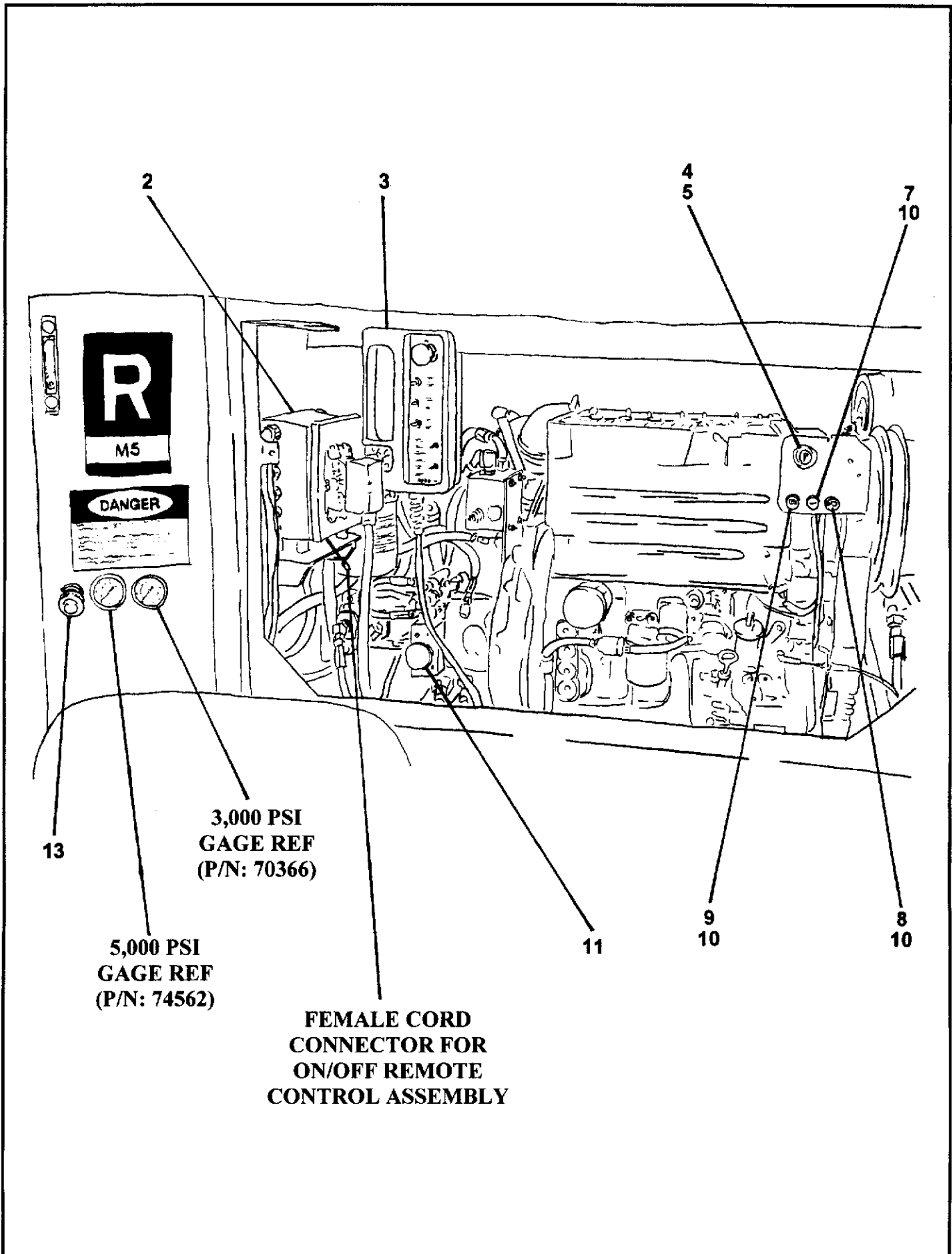
CONTROL INSTALLATION

PARTS

GROUP 50

FIGURE 01

PAGE 01



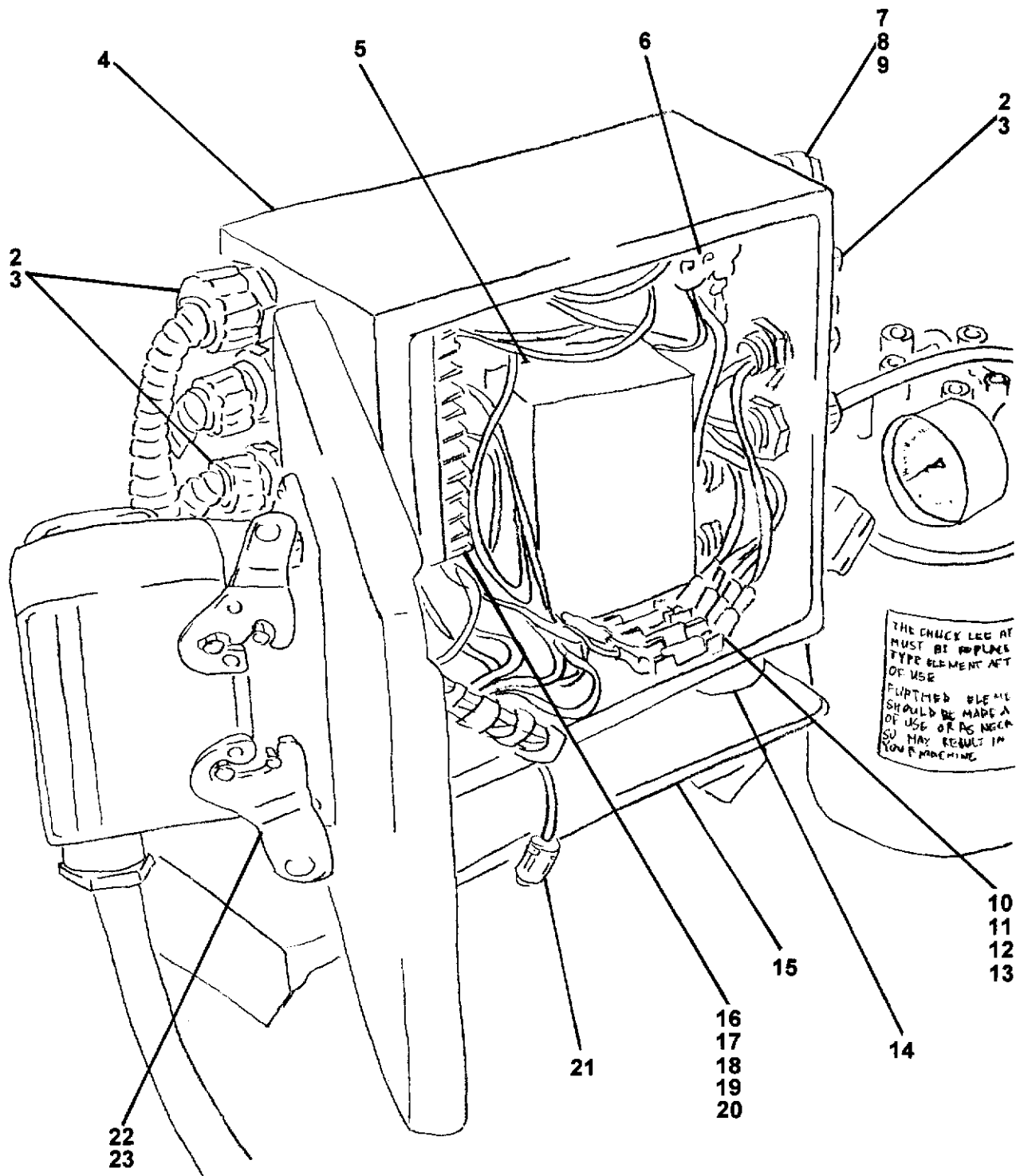
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**CONTROL INSTALLATION****PARTS**
GROUP 50
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-01	Installation, Control (See Group 10, Figure 01 for NHA)	Ref
2	76859	• Assembly, Control Box (See Group 50, Figure 02 for DET)	1
3	76900	• Assembly, Mixer and Pump Remote Control (See Group 50, Figure 03 for DET)	1
4	72946	• Switch, Ignition	1
5	71155	• • Key (Pair)	1
-6	72862	• Gage, Proximity Switch (See Group 60, Figure 05 for REF)	1
7		• Indicator, Oil Temperature	1
8		• Indicator, Low Oil	1
9		• Indicator, Battery	1
10		• Bulb, Indicator	3
11	79633	• Assembly, Flow Control (See Group 40, Figure 02 for REF)	1
-12	74333	• Assembly, ON/OFF 100Foot Remote Control (See Group 50, Figure 04 for DET)	1
13	79439	• Control, Cable Throttle (See Group 40, Figure 01 for REF)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**CONTROL BOX ASSEMBLY****PARTS****GROUP 50****FIGURE 02****PAGE 01**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**CONTROL BOX ASSEMBLY****PARTS**

GROUP 50

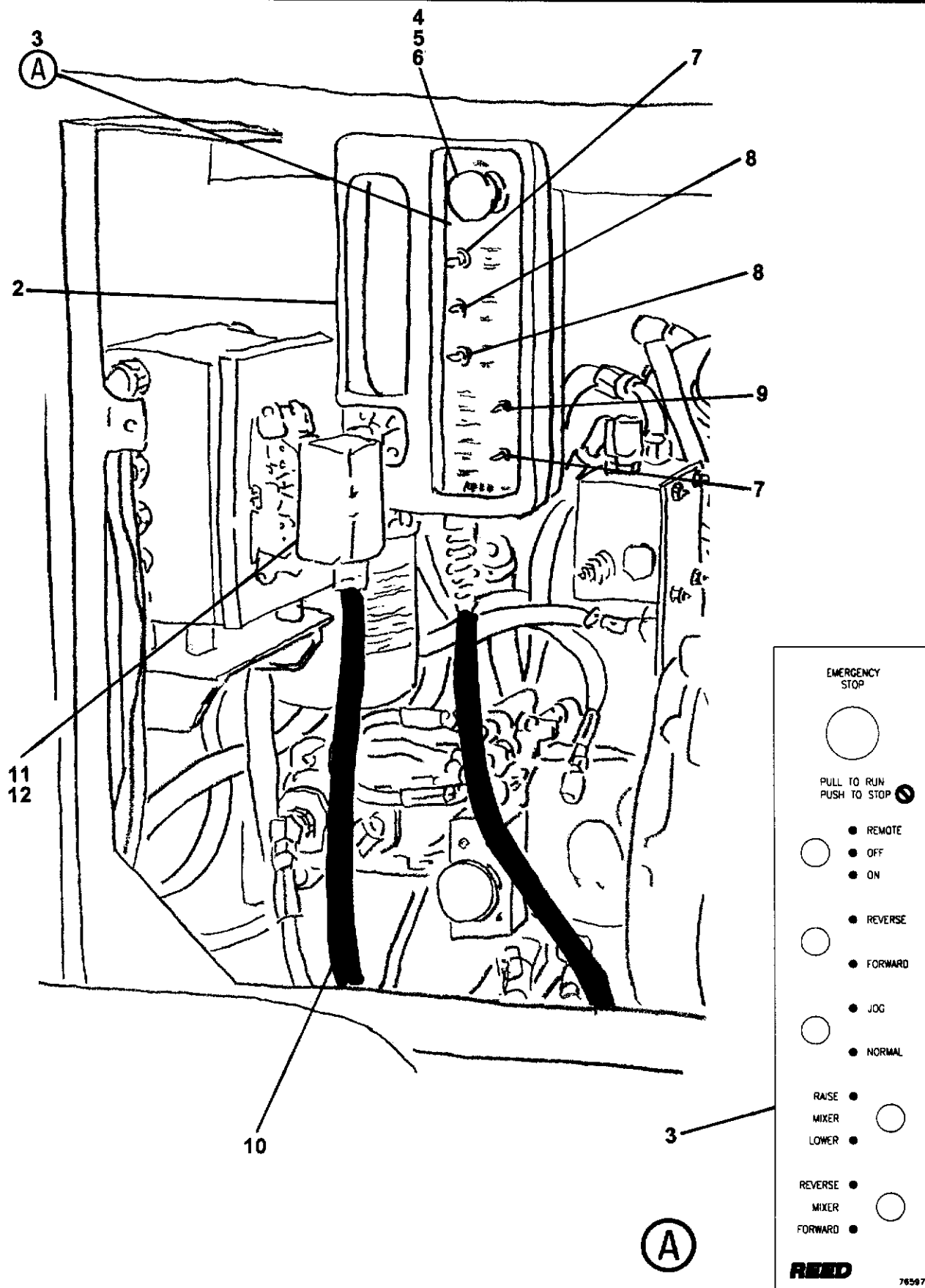
FIGURE 02

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76859	Assembly, Control Box (See Group 50, Figure 01 for NHA)	Ref
2	10522	• Relief, Strain	9
3	10528	• Nut, 1/2	9
4	76897	• Box, Control	1
5	70752	• Box, Universal Black	1
6	72816	• Relay, DC Power	1
7	79897	• Switch, Selector S-M-S	1
8	79890	• Plate, Mounting	2
9	79892	• Plate, Mounting	1
10	72819	• Holder, Fuse	4
11	72828	• Fuse, 5 AMP	2
12	90829	• Fuse, 10 AMP	1
13	90836	• Fuse, 15 AMP	1
14	73748	• Mount, Resilient Bumper	4
15	76898	• Mounting, Plate	1
16	72821	• Rail, Terminal	1
17	72820	• Terminal	21
18	72823	• End, Terminal	2
19		• Screw, 10 - 32 x 1/4	2
20	72824	• Jumper	6
21	75759	• Connector, Female Cord for ON/OFF Remote Control	1
22		• Cover, for Mixer and Pump Remote Control	1
23		• Base, for Mixer and Pump Remote Control	1
-24		• Wiring, Engine harness (See Group 40, Figure 01 for REF)	Ref

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**MIXER AND PUMP
REMOTE CONTROL ASSEMBLY****PARTS****GROUP 50****FIGURE 03****PAGE 01**

REVISION:

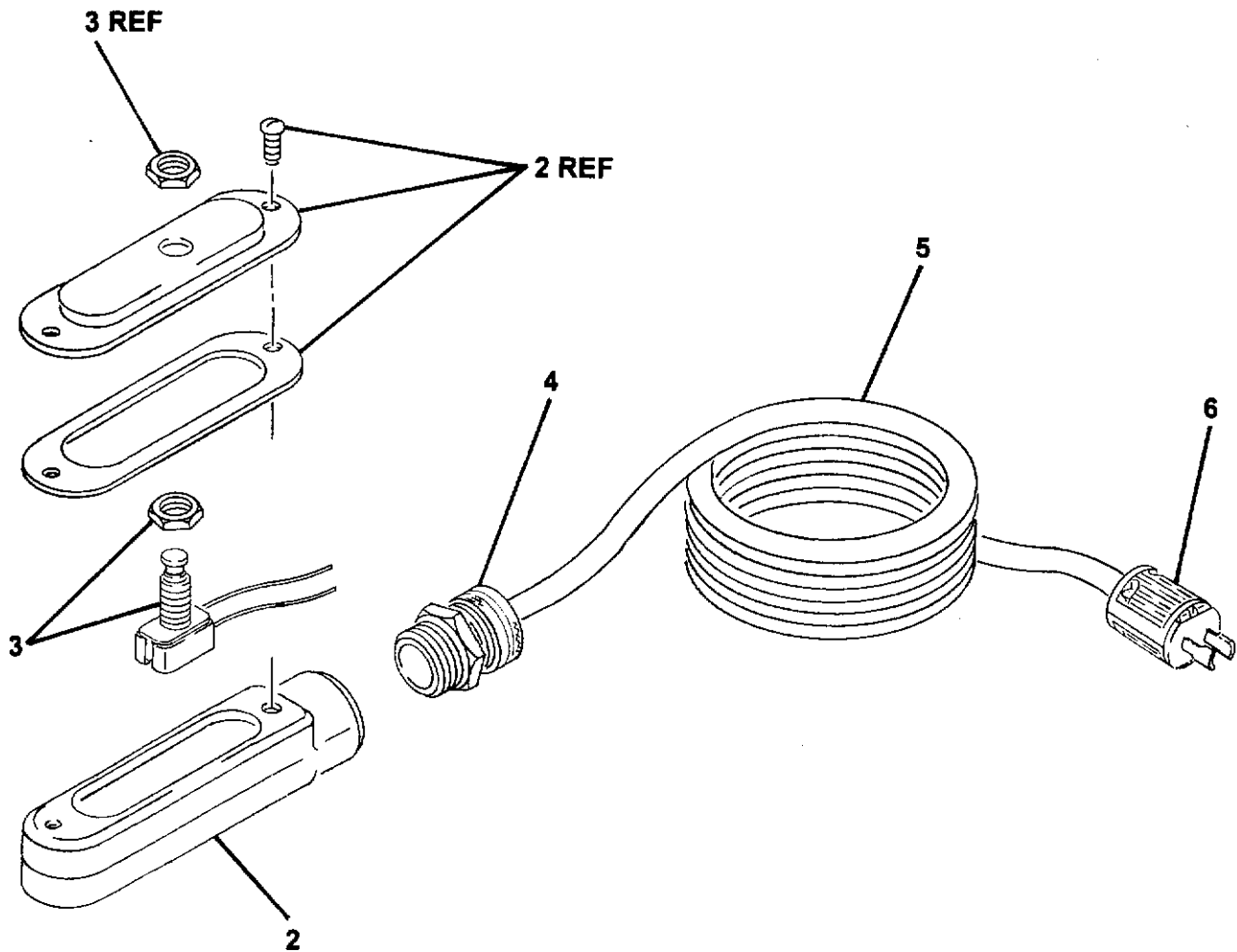
REEDCONCRETE PLACING
EQUIPMENT**MIXER AND PUMP
REMOTE CONTROL ASSEMBLY****PARTS
GROUP 50
FIGURE 03
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76900	Assembly, Mixer and Pump Remote Control (See Group 50, Figure 01 for NHA)	Ref
2	76563	• Enclosure, Remote Control	1
3	76597	• Nameplate, Remote Control	1
4	79894	• Switch, Emergency Stop	1
5	79892	• Base, Mounting	1
6	79896	• Contact, Normal	1
7	72965	• Switch, ON - OFF - ON	2
8	72963	• Switch, ON - OFF	2
9	72964	• Switch, Momentary - OFF	1
10		• Wire, 20 FT Yellow	1
11		• Hood, Side Entry	1
12		• Plug, Connector	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

**ON/OFF 100 FOOT
REMOTE CONTROL ASSEMBLY**



REEDCONCRETE PLACING
EQUIPMENT**ON/OFF 100 FOOT
REMOTE CONTROL ASSEMBLY****PARTS****GROUP 50****FIGURE 04****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74333	Assembly, ON/OFF 100 Foot Remote Control (See Group 50, Figure 01 for NHA)	Ref
2	72005	• Housing, Remote Control	1
3	72011	• Switch, ON/OFF Push Button	1
4	10522	• Relief, Strain	1
5	72006	• Cord, 100 Foot Extension (Orange)	1
6	75758	• Connector, Male End Cord	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

PARTS
GROUP 50
FIGURE 05
PAGE 01

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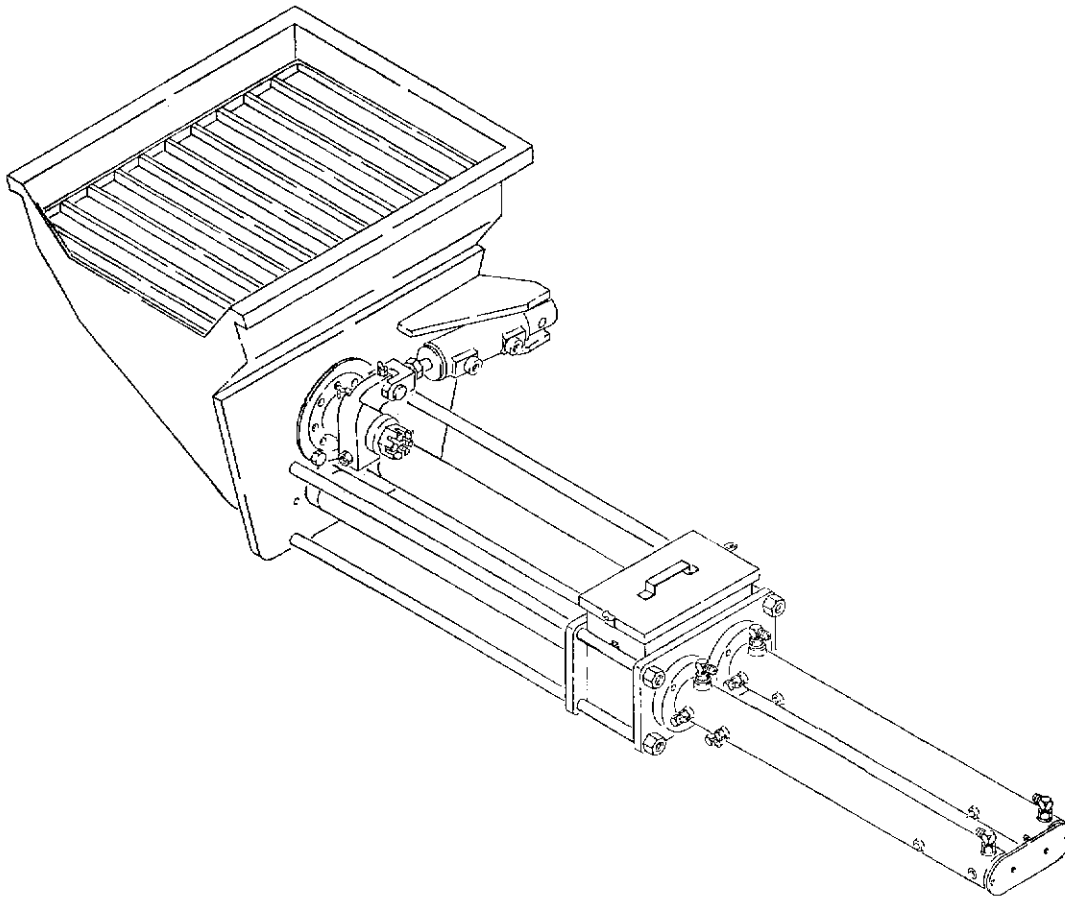
**GROUP 60 PUMPING TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:**

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

CONCRETE PLACING
EQUIPMENT

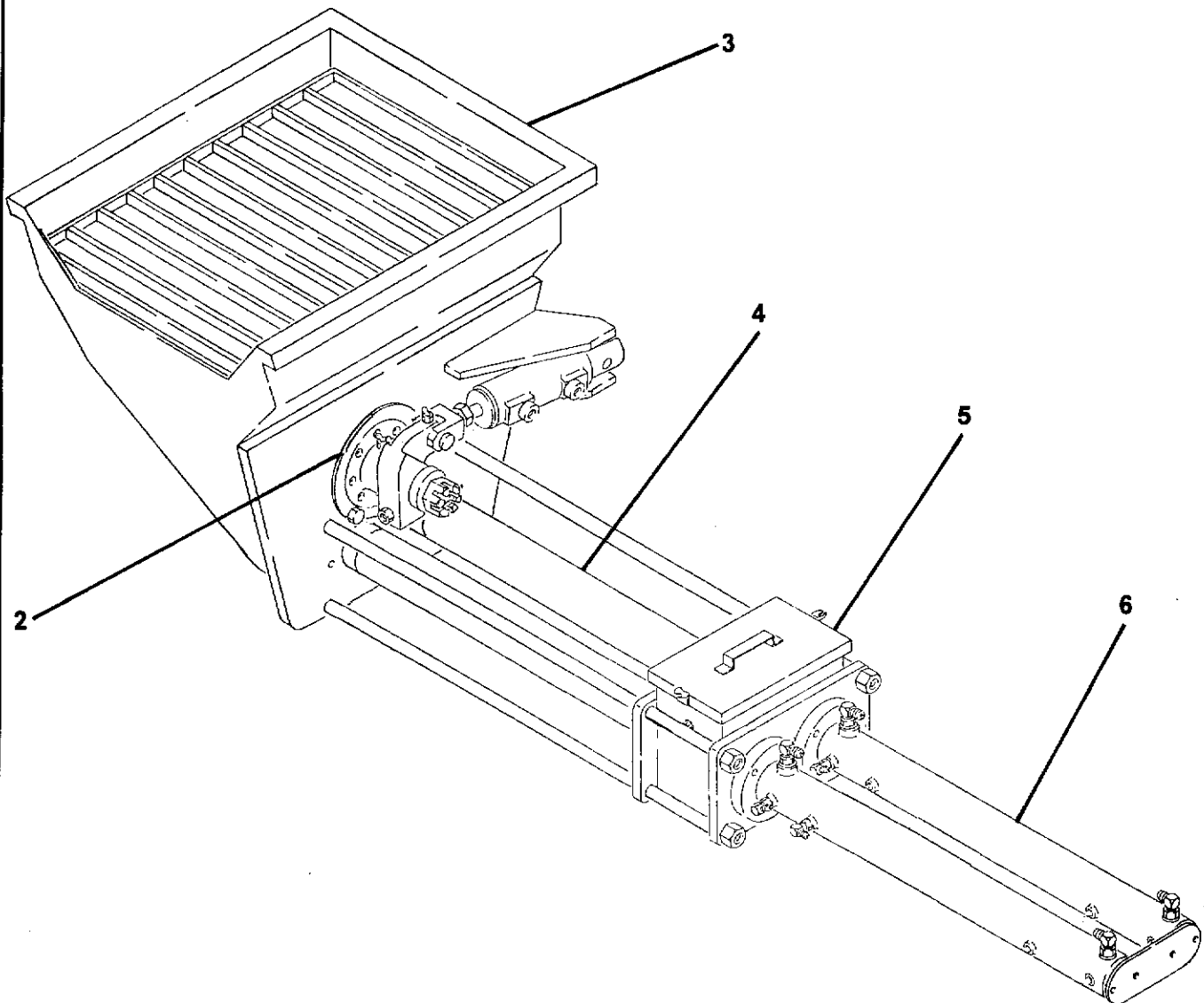
PUMPING TRAIN INSTALLATION

PARTS

GROUP 60

FIGURE 01

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**PUMPING TRAIN INSTALLATION****PARTS****GROUP 60****FIGURE 01****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-01	Installation, Pumping Train (See Group 10, Figure 01 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	72862	• Gage, Proximity Switch (See Group 50, Figure 02 for REF)	1
8	79537	• Assembly, Main Valve (See Group 60, Figure 08 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

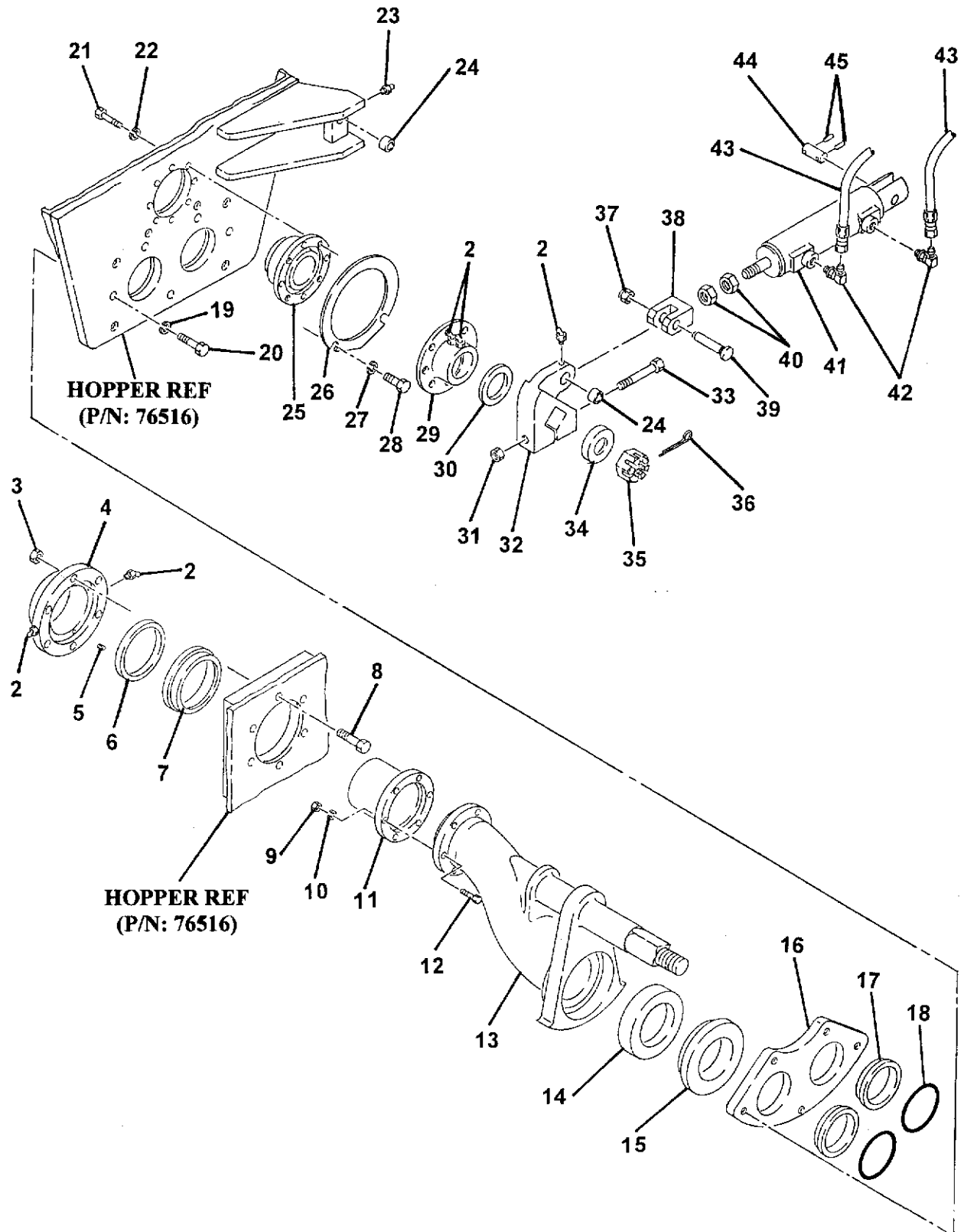
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**SWING VALVE ASSEMBLY****PARTS**

GROUP 60

FIGURE 02

PAGE 01



REVISION:

REED**CONCRETE PLACING
EQUIPMENT****SWING VALVE ASSEMBLY****PARTS****GROUP 60****FIGURE 02****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-02	Assembly, Swing Valve (See Group 60, Figure 01 for NHA)	Ref
2		• Fitting, Grease 45	5
3		• Nut, 1/2	6
4	79651	• Outlet, Flange	1
5		• Pin, Spring	4
6	71340	• Seal, Outlet Housing	1
7	71341	• Housing, Outlet Seal	1
8		• Bolt, Hex 1/2 x 2 1/2	6
9		• Nut, 3/8	6
10		• Washer, Lock	6
11	79652	• Outlet, Chromed	1
12		• Bolt, 3/8 x 1 1/2	6
13	76864	• Weldment, Swing Tube	1
14	72285	• Seal, Double Lip	1
15	72384	• Ring, Wear	1
16	71251	• Plate, Wear	1
17	71254	• Ring, Anti Chip	2
18	71247	• O-Ring	2
19		• Washer, Lock	5
20		• Bolt, Hex 3/4 x 1 3/4	5
21		• Bolt, Hex 9/16 x 2 3/4	4
22		• Washer, Lock	4
23		• Fitting, Grease STR	1
24	71011	• Race, Inner	2
25	73564	• Seal Flange Bearing	1
26	71384	• Ring, Locator	1
27		• Washer, Lock	2
28		• Bolt, Hex 3/4 x 2	2
29	70124	• Bearing, Flange	1
30	70141	• Washer, Thrust	1

DASH (-) ITEM NOT ILLUSTRATED

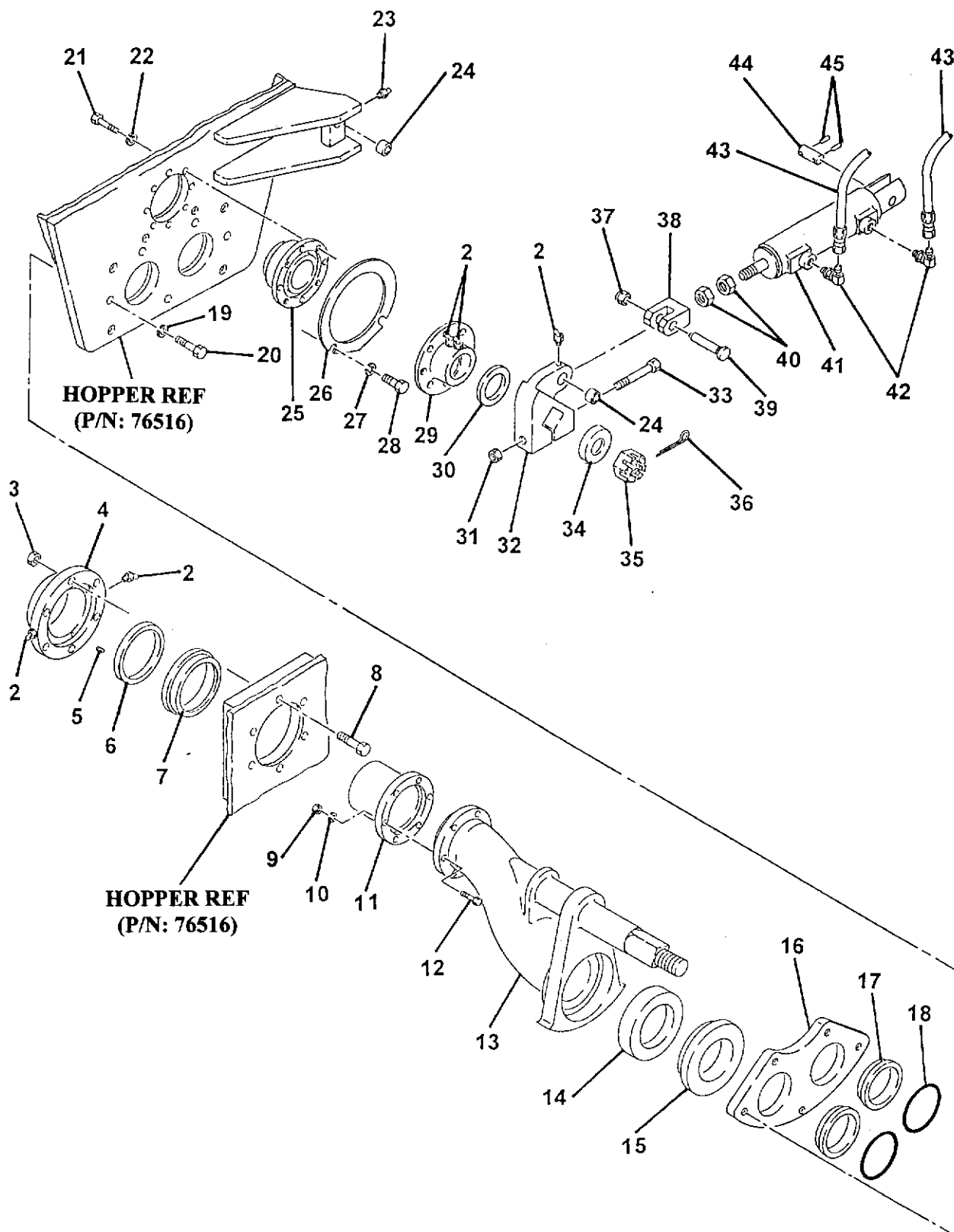
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**SWING VALVE ASSEMBLY****PARTS**

GROUP 60

FIGURE 02

PAGE 03



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**SWING VALVE ASSEMBLY****PARTS****GROUP 60****FIGURE 02****PAGE 04**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
31		• Nut, 5/8	1
32	71234	• Crank, Bell	1
33		• Bolt, Hex 5/8 x 5 3/4	4
34	70125	• Spacer, Nut	1
35	70825	• Nut, Castle 1 1/2	1
36		• Pin, Safety	1
37		• Nut, 3/4	1
38	70143	• Clevis	1
39	70142	• Pin, Clevis	1
40		• Nut, Hex	2
41	71487	• Sub-Assembly, Swing Ram Cylinder (See Group 60, Figure 03 for DET)	1
42		• Fitting, 90	2
43		• Assembly, Hose	2
44		• Pin, Cylinder	1
45		• Pin, Roller	2

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

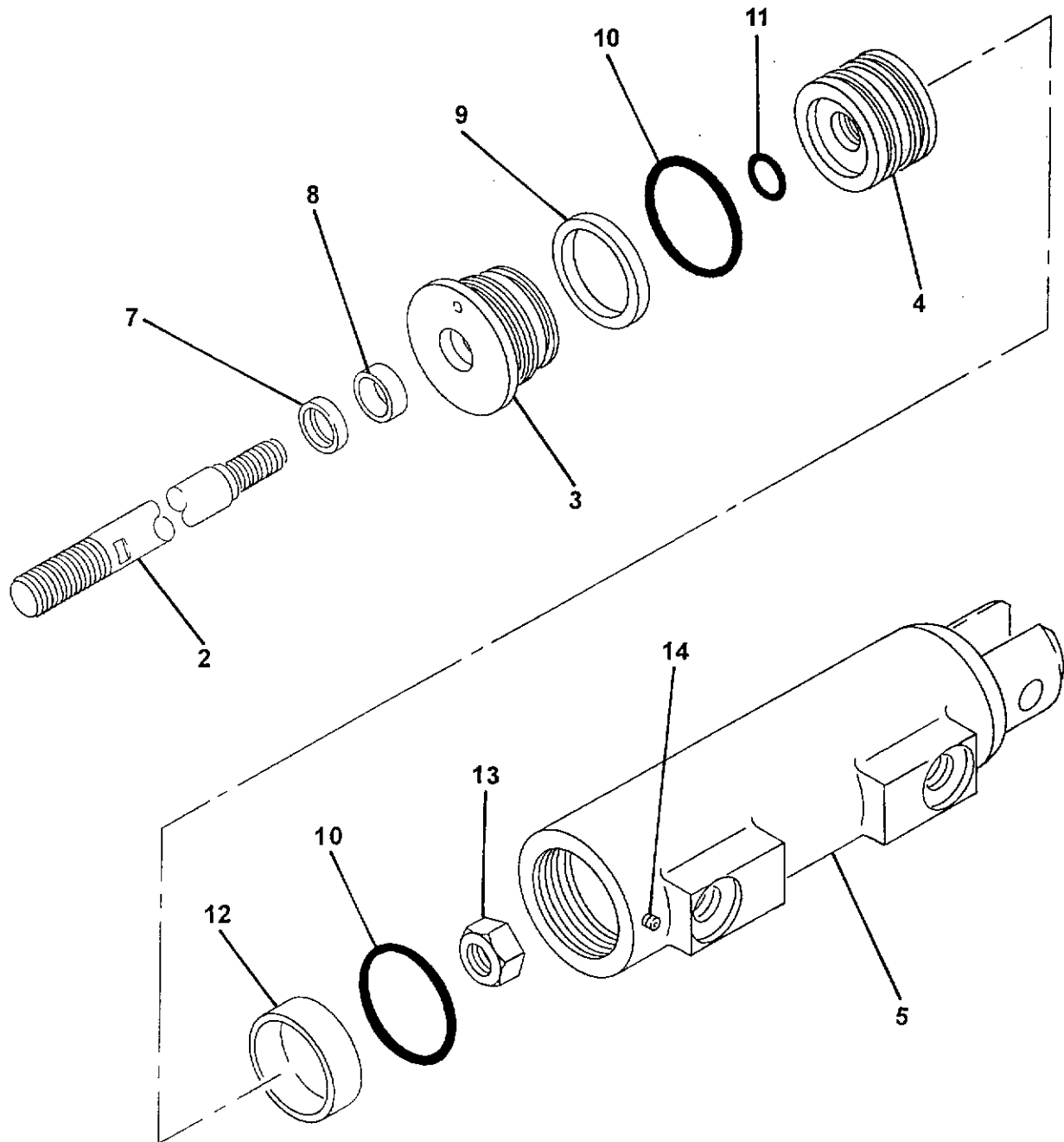
SWING RAM CYLINDER SUB-ASSEMBLY

PARTS

GROUP 60

FIGURE 03

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**SWING RAM CYLINDER
SUB-ASSEMBLY****PARTS****GROUP 60****FIGURE 03****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	71487	Sub-Assembly, Swing Ram Cylinder (See Group 60, Figure 03 for NHA)	Ref
2		• Rod, Cylinder	1
3		• Retainer, Seal	1
4		• Piston	1
5		• Weldment, Cylinder Barrel	1
-6		• Kit, Seal	1
7		• • Wiper, Rod	1
8		• • Seal, Rod	1
9		• • Seal, Static	1
10		• • Seal, Piston	2
11		• • Seal, Static	1
12		• • Ring, Wear	1
13		• • Nut, Piston	1
14		• • Screw, Allen Head	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

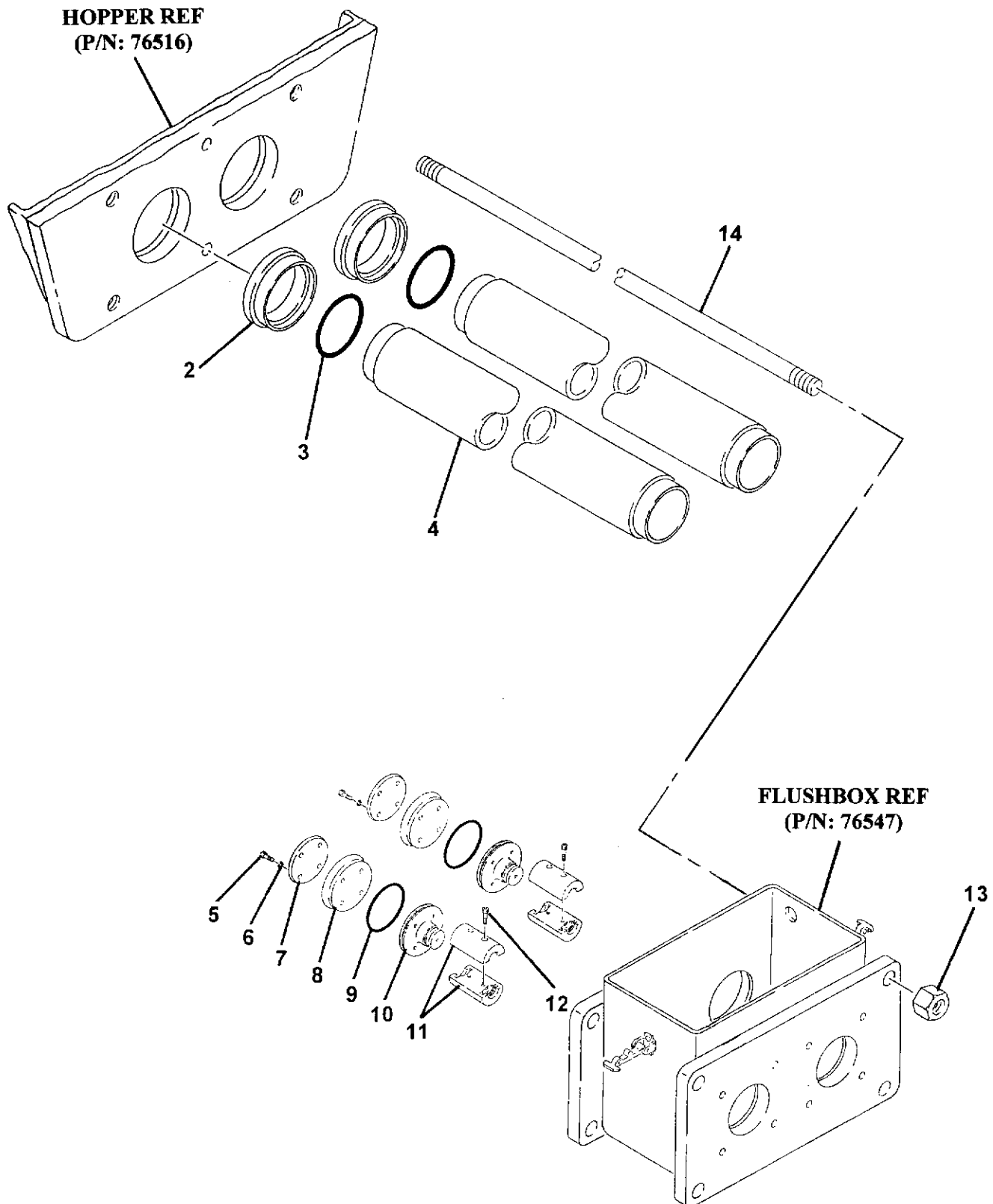
CONCRETE CYLINDER ASSEMBLY

PARTS

GROUP 60

FIGURE 04

PAGE 01



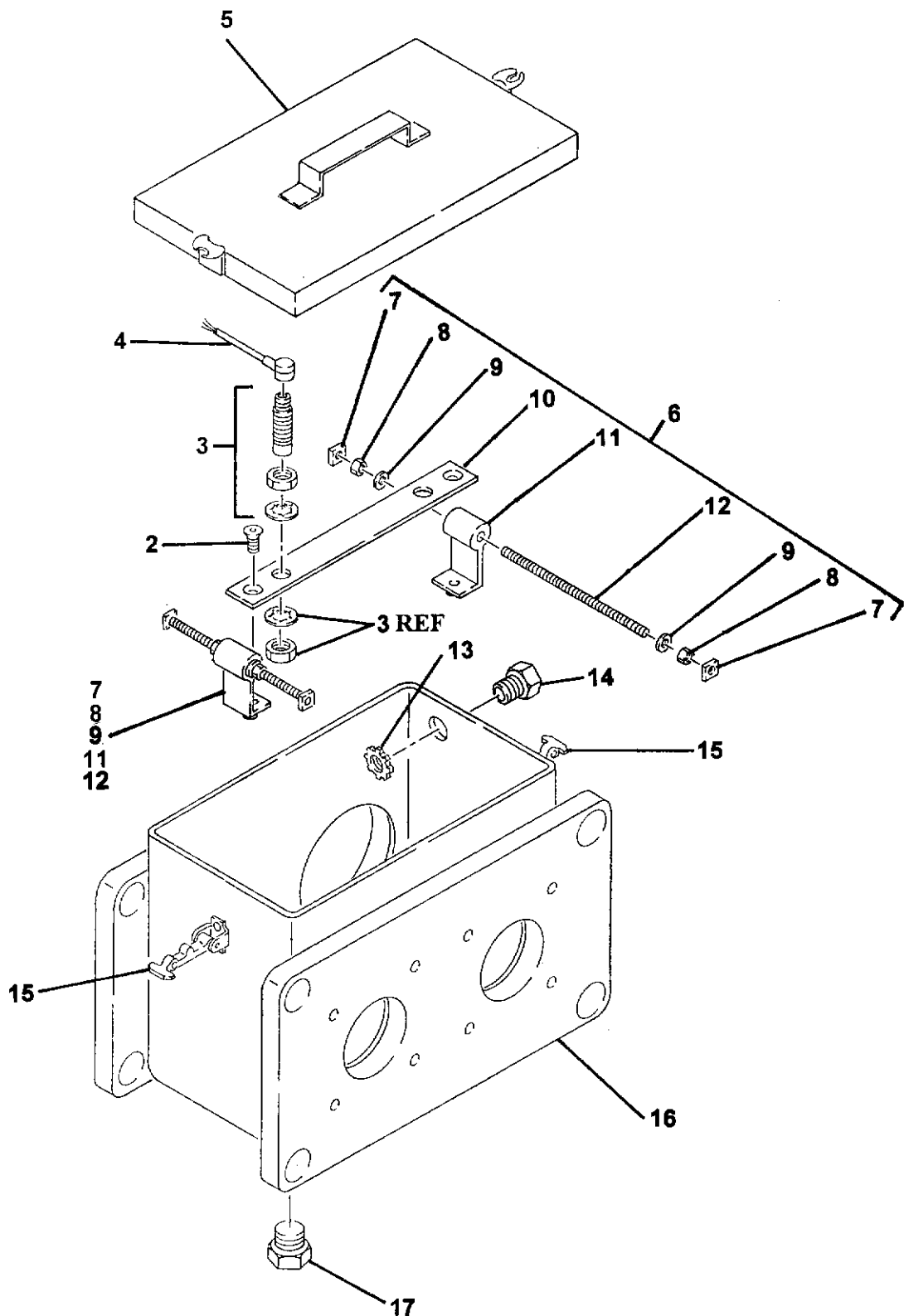
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**CONCRETE CYLINDER ASSEMBLY****PARTS****GROUP 60****FIGURE 04****PAGE 02**

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	71257	• Adapter, Concrete Cylinder	2
3	71249	• O-Ring	2
4	79653	• Cylinder, Concrete	2
5		• Bolt, 3/8 - 20 x 1 1/2	8
6		• Washer, Lock	8
7	71235	• Plate, Piston	2
8	76500	• Cup, Piston	2
9	71339	• O-Ring	2
10	71233	• Adapter, Concrete Piston	2
11	70077	• Coupling, Piston	4
12		• Screw, Cap 1/2 - 20 x 3	4
13		• Nut	4
14	76862	• Rod, Tie	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

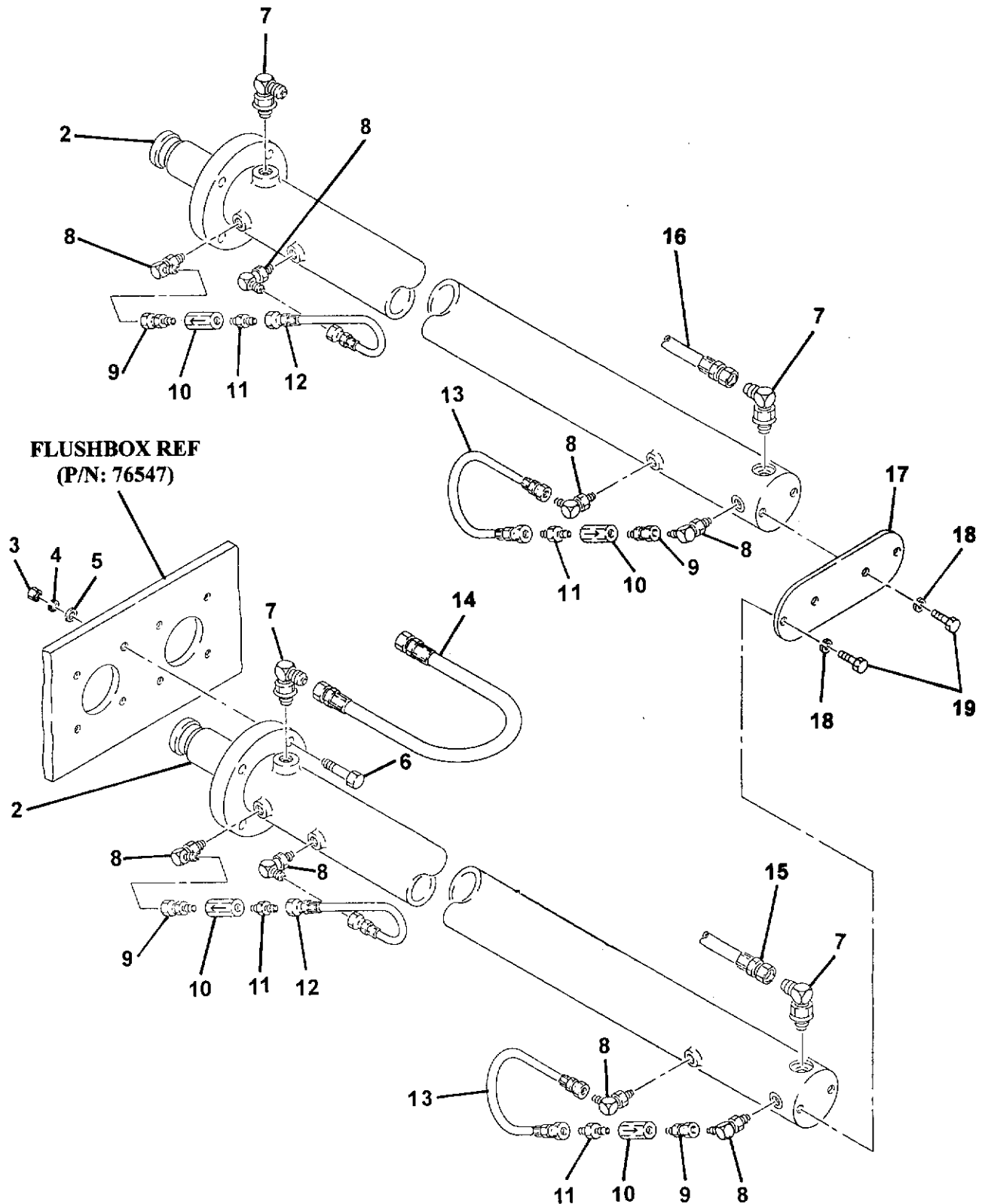
FLUSHBOX ASSEMBLY

REEDCONCRETE PLACING
EQUIPMENT**FLUSHBOX ASSEMBLY****PARTS****GROUP 60****FIGURE 05****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-05	Assembly, Flushbox (See Group 60, Figure 01 for NHA)	Ref
2		• Screw	2
3	77998	• Sensor, Proximity Switch	2
4	77990	• Cable, Proximity Switch	2
5	77320	• Top, Flushbox	1
6	76561	• Kit, Proximity Sensor Mount	1
7		• • Nut, Rectangle	4
8		• • Nut, Hex	4
9		• • Washer, Lock	4
10	71324	• • Bracket, Mounting	1
11	72940	• • Angle, Mounting	2
12	72806	• • Rod, Threaded	2
13	10528	• Nut	1
14	73783	• Conduit, Fitting	1
15	13002	• Fastener, Cover	2
16	71300	• Weldment, Flush Box	1
17	10282	• Plug, Drain	1
-18	71933	• Lid, Flushbox Liquid Cooled	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC DRIVE
CYLINDER ASSEMBLY****PARTS****GROUP 60****FIGURE 06****PAGE 01**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC DRIVE
CYLINDER ASSEMBLY****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	73120	• 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		• Washer, Flat (attaching parts)	8
6		• Bolt (attaching parts)	8
7		• Fitting, 90	4
8		• Fitting, 90	8
9		• Fitting, STR	4
10	74587	• Valve, Check	4
11		• Fitting, STR	4
12	74615	• Assembly, Hose	2
13	79469	• Assembly, Hose	2
14	79461	• Assembly, Hose	1
15		• Assembly, Hose	1
16		• Assembly, Hose	1
17	71401	• Plate, End	1
18		• Washer, Lock (attaching parts)	4
19		• Bolt, Hex (attaching parts)	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

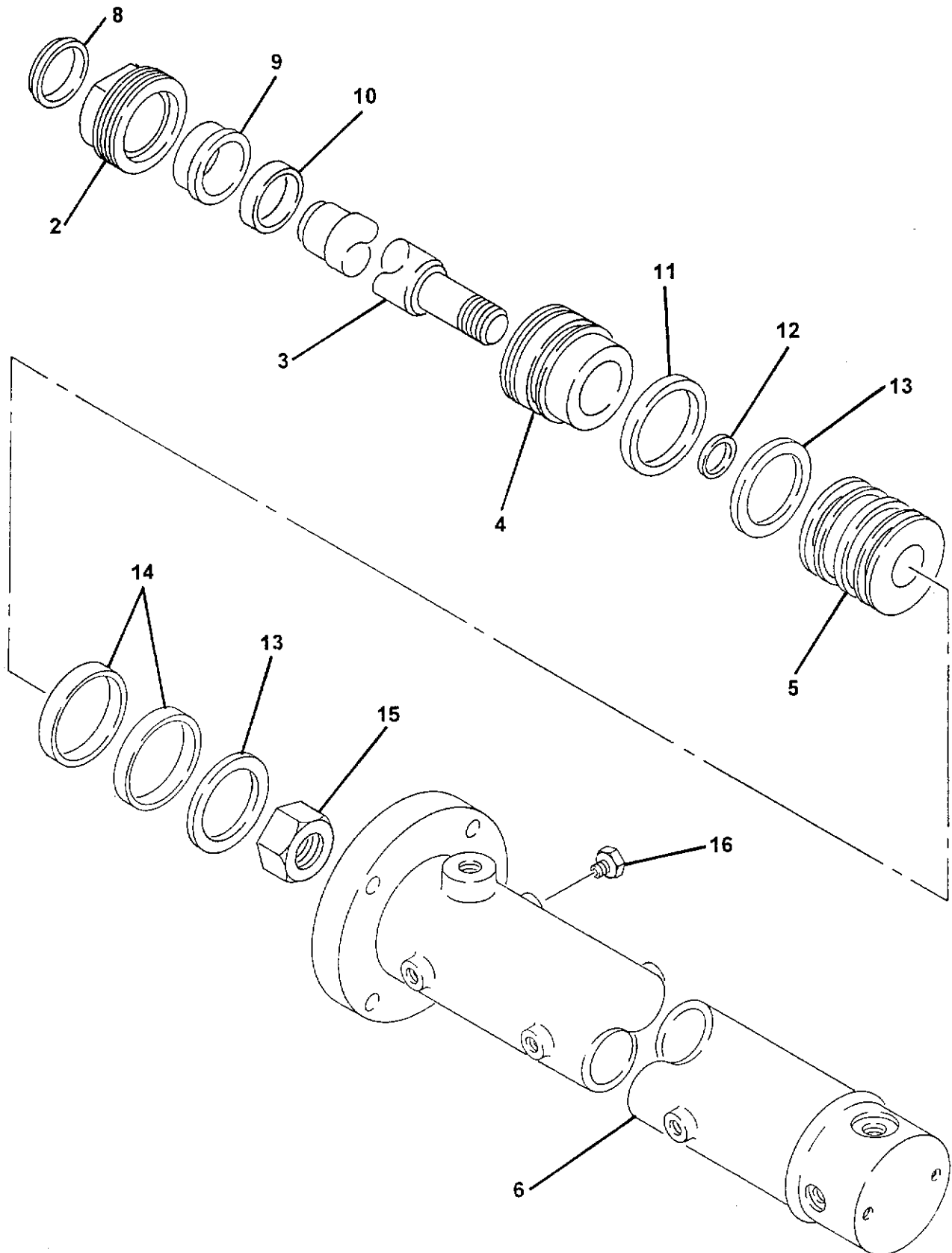
HYDRAULIC DRIVE CYLINDER SUB-ASSEMBLY

PARTS

GROUP 60

FIGURE 07

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HYDRAULIC DRIVE
CYLINDER SUB-ASSEMBLY****PARTS
GROUP 60
FIGURE 07
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	79646	Sub-Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 06 for NHA)	Ref
2		• Nut, Retaining	1
3		• Rod, Cylinder	1
4		• Retainer	1
5		• Piston	1
6		• Weldment, Cylinder Barrel	1
-7	76977	• Kit, Seal	1
8		• • Wiper, Rod	1
9		• • Bearing, Rod	1
10		• • Ring, Wear	1
11		• • Seal, Static	1
12		• • Seal, Static	1
13		• • Seal, Piston	2
14		• • Ring, Wear	2
15		• • Nut, Piston	1
16		• Plug	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

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CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

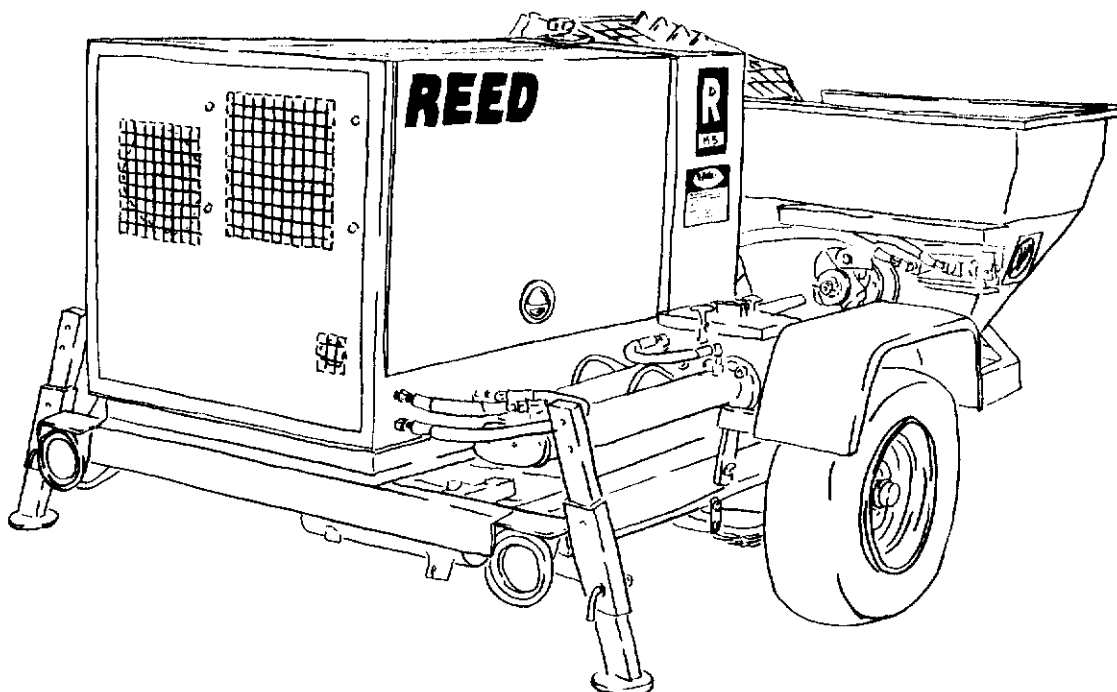
**PARTS
GROUP 60
FIGURE 08
PAGE 01**

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**M5 MULTISPRAY MIXER & PUMP
GROUP 70 FRAME INSTALLATION**

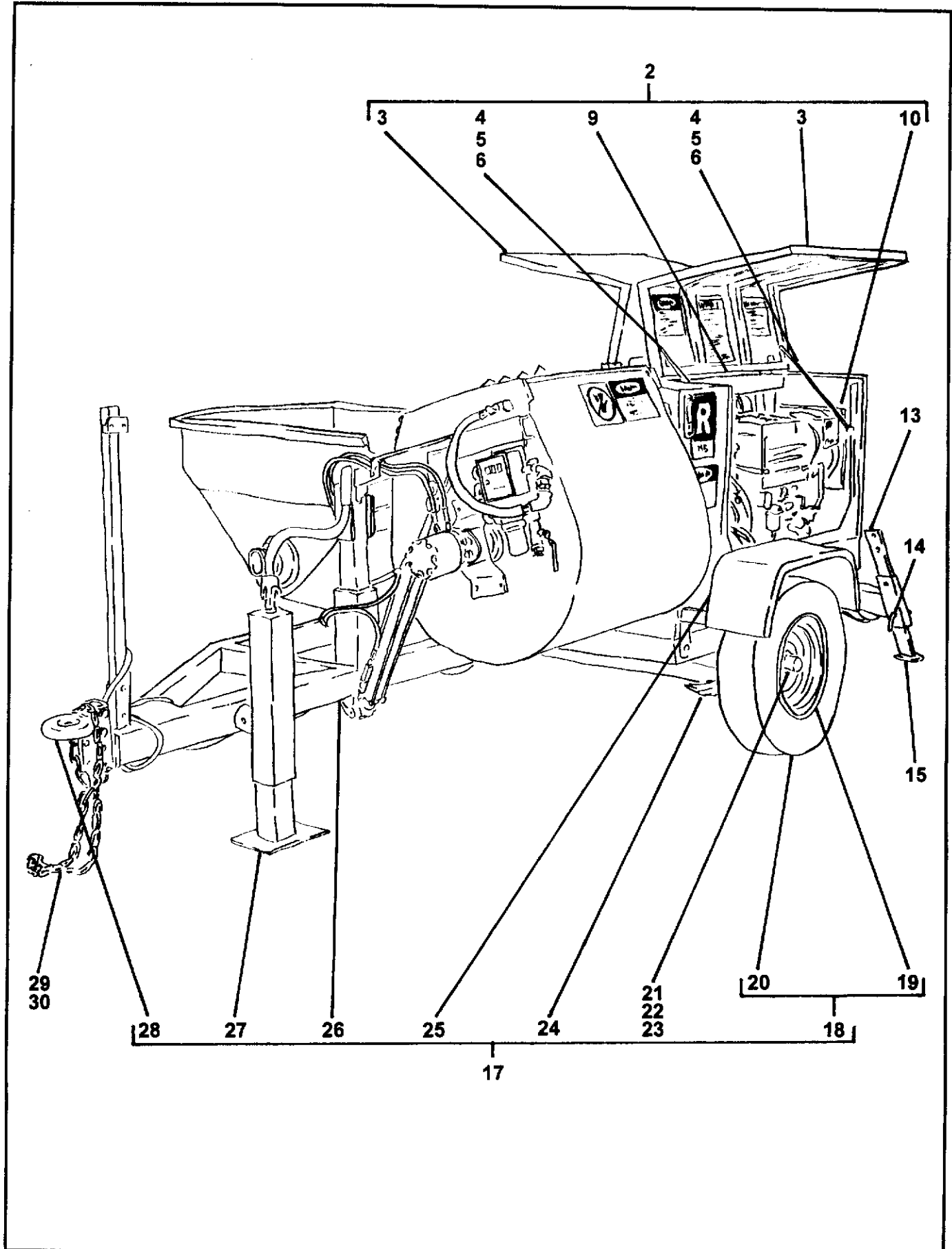
GROUP 70 FRAME INSTALLATION CONTAINS THE FOLLOWING FIGURES:

- | | |
|------------------|---|
| FIGURE 00 | TABLE OF CONTENTS |
| FIGURE 01 | FRAME INSTALLATION |
| FIGURE 02 | AXLE AND BRAKE ASSEMBLY |
| FIGURE 03 | NON-OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY |
| FIGURE 04 | OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY |



FRAME INSTALLATION

PARTS
GROUP 70
FIGURE 01
PAGE 01

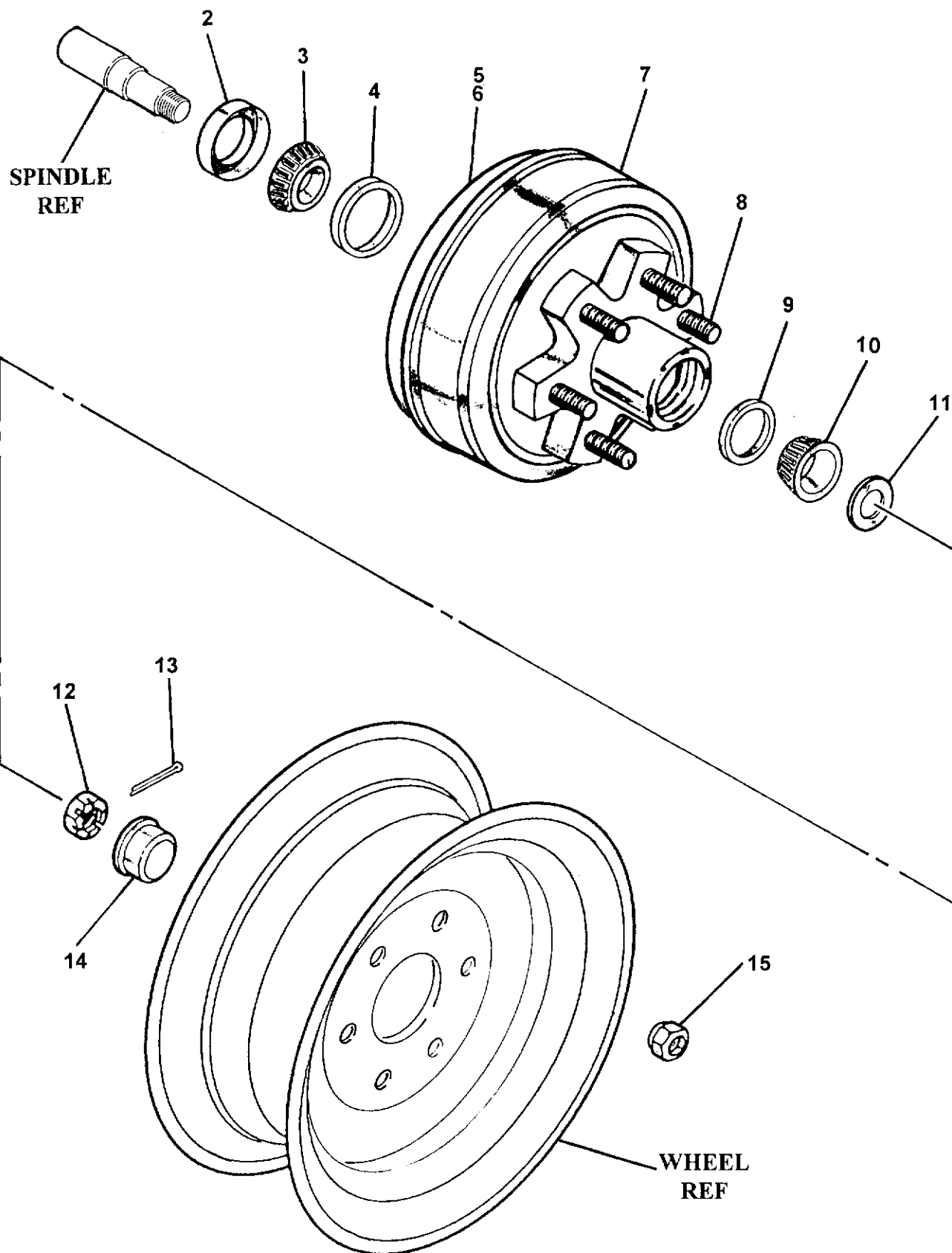


REVISION:

REED**CONCRETE PLACING
EQUIPMENT****FRAME INSTALLATION****PARTS
GROUP 70
FIGURE 01
PAGE 02**

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	76866	• Assembly, Engine Cover Frame	1
3	76875	• • Cover, Hinged Engine	2
4	76889	• • Spring, Gas Cylinder	4
5	76890	• • Stud, Ball	4
6	78750	• • Bracket, Door Gas Cylinder	4
-7	76871	• • Plate, Hydraulic Component Mounting	1
-8	76876	• • Mount, Remote	1
9	76840	• • Weldment, Engine Cover Frame	1
10	76566	• • Weldment, Rear Door	1
-11	76894	• • Hinge, Door	4
-12	73767	• • Latch, D-Ring with Key	2
13	73276	• Outer, Outrigger Tube	2
14	73287	• Weldment, Outrigger Inner	2
15	73859	• Pin, Outrigger Safety	2
-16	30258	• Light, Electrical Tail	2
17	76852	• Assembly, Frame	1
18	73212	• • Assembly, Wheel and Tire	2
19	73555	• • • Wheel	1
20	73554	• • • Tire	1
21	76867	• • Assembly, Axle and Brake (See Group 70, Figure 02 for DET)	1
22	76869	• • Kit, U-Bolt	1
23	76870	• • Kit, Hanger	1
24	76868	• • Assembly, 3000 lbs Spring	2
25	76825	• • Weldment, Fender	2
26	76580	• • Weldment, Frame	1
27	75711	• • Assembly, 8000 lbs Jack	1
28	71051	• • Lunette, Eye (See Group 90, Figure 01 for REF)	1
29	71049	• Chain, CWR	36
30	71048	• Clevis, Double	2

DASH (-) ITEM NOT ILLUSTRATED

AXLE AND BRAKE ASSEMBLY

REEDCONCRETE PLACING
EQUIPMENT**AXLE AND BRAKE ASSEMBLY****PARTS****GROUP 70****FIGURE 02****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76867	Assembly, Axle and Brake (See Group 70, Figure 01 for NHA)	Ref
2		• Seal, Grease	1
3		• Bearing, Inner	1
4		• Cup, Inner Bearing	1
5	70-03	• Assembly, Non-Operator Electric Brake (See Group 70, Figure 03 for DET)	1
6	70-04	• Assembly, Operator Electric Brake (See Group 70, Figure 04 for DET)	1
7		• Assembly, Hub and Drum	2
8		• Bolt, Wheel	6
9		• Cup, Outer Bearing	1
10		• Bearing, Outer	1
11		• Washer, Spindle	1
12		• Nut, Spindle 1 x 1/4	1
13		• Pin, Cotter	1
14		• Cap, Dust	1
15		• Nut, Wheel	6

DASH (-) ITEM NOT ILLUSTRATED

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REEDCONCRETE PLACING
EQUIPMENT**NON OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY****PARTS
GROUP 70
FIGURE 03
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-03	Assembly, Non-Operator Side Electric Brake (See Group 70, Figure 02 for NHA)	Ref
2		• Slot, Plug Adjust	1
3		• Pin, Shoe Hold down	1
4		• Stud, Brake Mounting 3/8 x 24	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

REVISION:

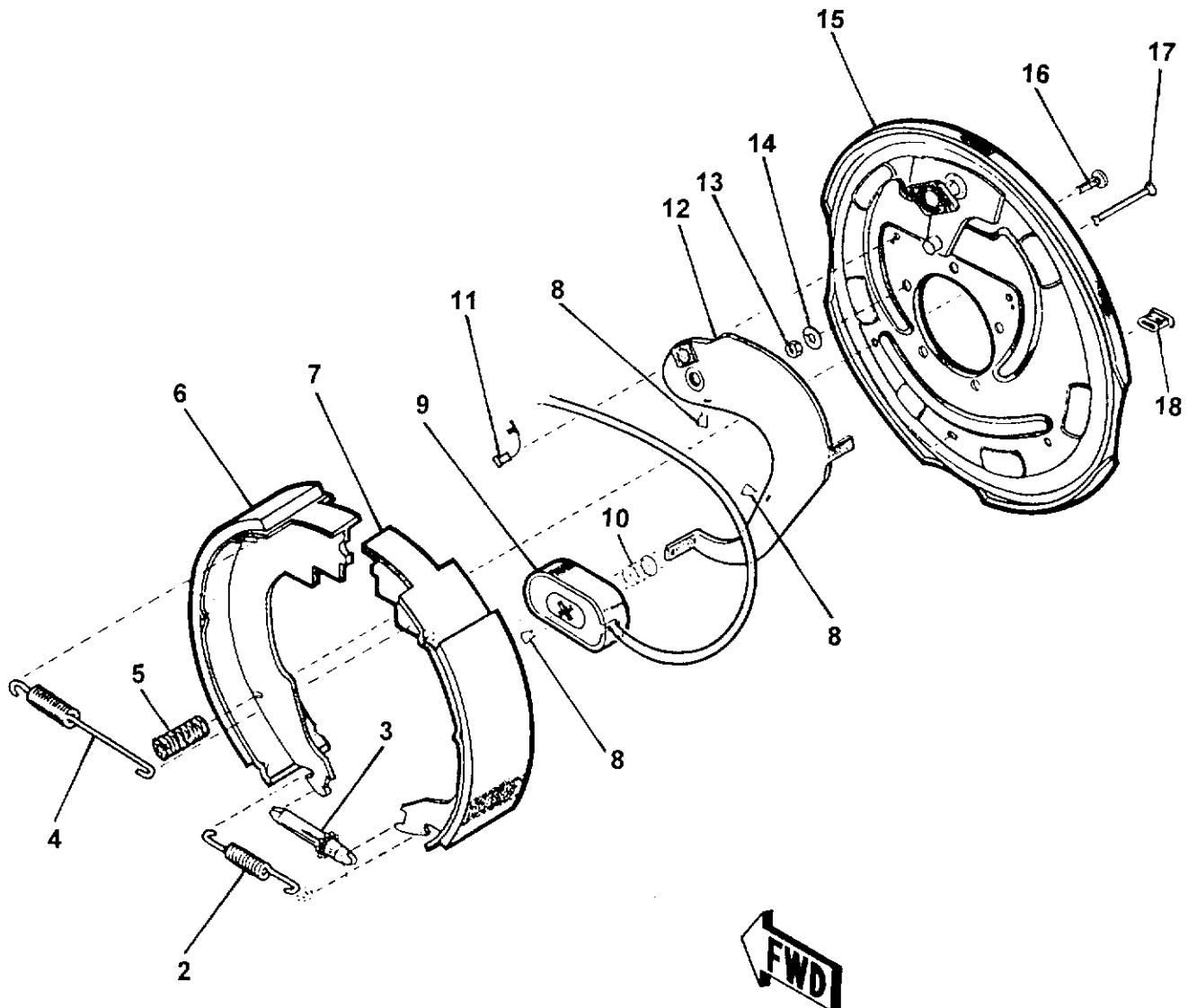
OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY

PARTS

GROUP 70

FIGURE 04

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY****PARTS
GROUP 70
FIGURE 04
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-04	Assembly, Operator Side Electric Brake (See Group 70, Figure 02 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 3/8 x 24	5
17		• Pin, Shoe Hold down	1
18		• Slot, Plug Adjust	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

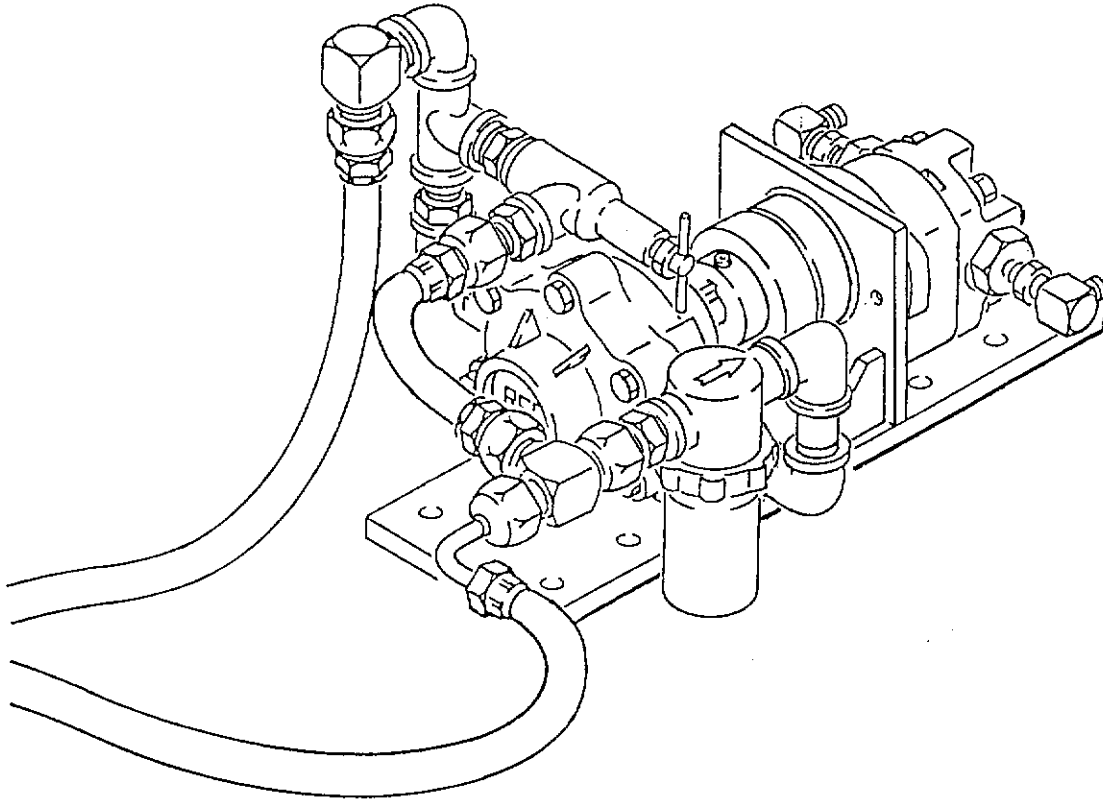
REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

**PARTS
GROUP 70
FIGURE 05
PAGE 03**

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**M5 MULTISPRAY MIXER & PUMP
GROUP 80 OPTIONAL INSTALLATION**

GROUP 80 OPTIONAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	OPTIONAL INSTALLATION
FIGURE 02	WASH PUMP ASSEMBLY
FIGURE 03	WASH WATER PUMP ASSEMBLY
FIGURE 04	WASH PUMP MOTOR ASSEMBLY
FIGURE 05	HOPPER VIBRATOR ASSEMBLY
FIGURE 06	ACTUATOR BRAKES ASSEMBLY
FIGURE 07	ACCUMULATOR CHARGE KIT
FIGURE 08	BLADDER REPAIR KIT
FIGURE 09	NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 10	OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 11	12 VOLT LUBE PUMP ASSEMBLY
FIGURE 12	STIRRING PADLE LUBRICATION PUMP ASSEMBLY
FIGURE 13	OPTIONAL TOO KIT ASSEMBLY

REED

CONCRETE PLACING
EQUIPMENT

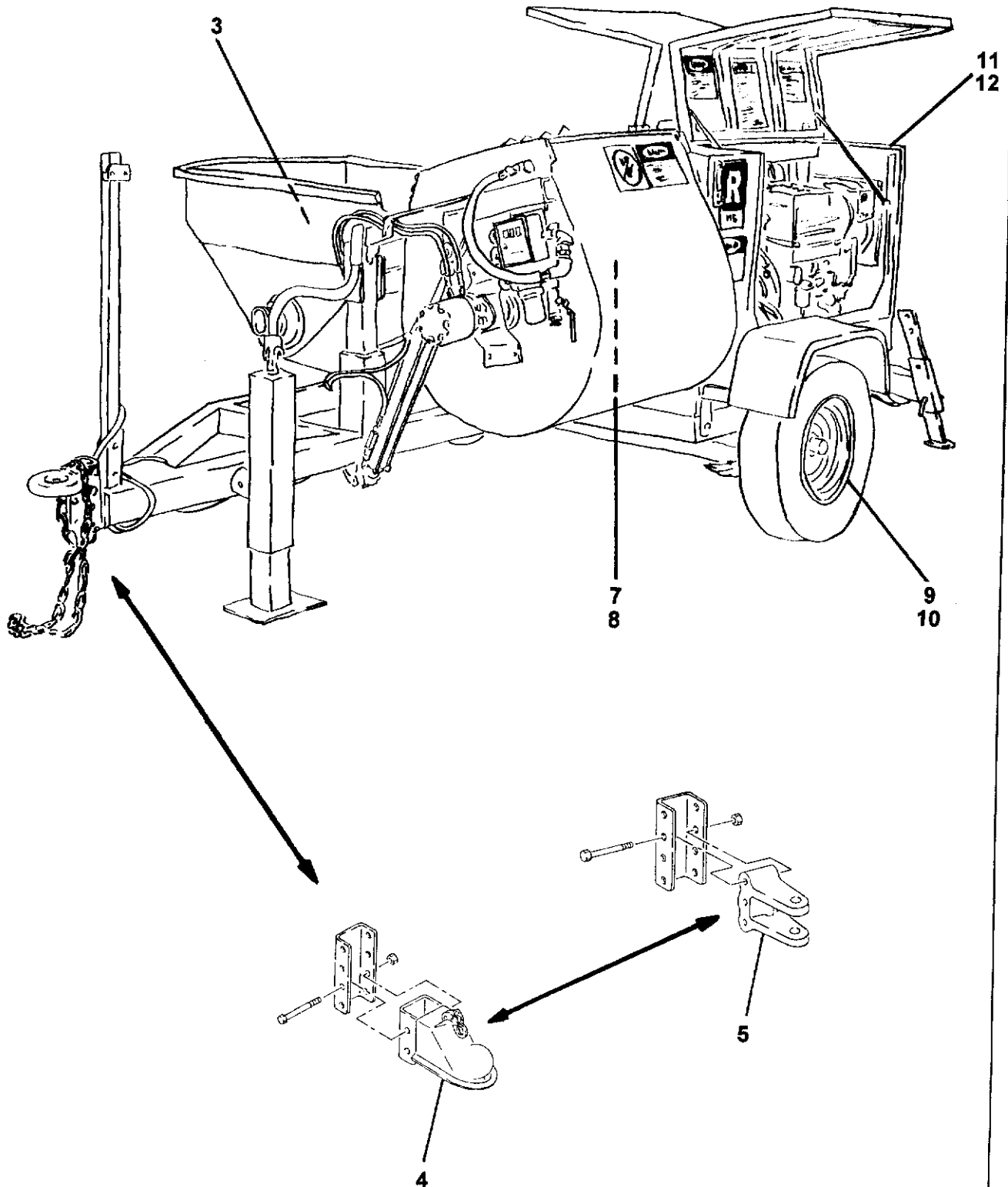
OPTIONAL INSTALLATION

PARTS

GROUP 80

FIGURE 01

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT

OPTIONAL INSTALLATION

PARTS

GROUP 80

FIGURE 01

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-01	Installation, Optional (See Group 10, Figure 01 for NHA)	Ref
-2	77528	• Assembly Wash Pump (See Group 80, Figure 02 for DET)	1
3	71429	• Assembly, Hopper Vibration (See Group 80, Figure 05 for DET)	1
4	71050	• Assembly, Adjustable 1 Inch Clevis	1
5	71099	• Assembly, Adjustable Ball Coupler 2 5/16"	1
-6	75413	• Assembly, Actuator Brake (See Group 80, Figure 06 for DET)	1
7	71460	• Kit, Accumulator Charge (See Group 80, Figure 07 for DET)	1
8	80-08	• Kit, Bladder Repair (See Group 80, Figure 08 for DET)	1
9	80-09	• Assembly, Non-Operator Side Hydraulic Brake (See Group 80, Figure 09 for DET)	1
10	80-10	• Assembly, Operator Side Hydraulic Brake (See Group 80, Figure 10 for DET)	1
11	78736	• Assembly, Lube Pump (See Group 80, Figure 11 for DET)	1
12	800065	• Assembly, Lubrication Pump with Stirring Paddle (See Group 80, Figure 12 for DET)	1
-13	79020	• Assembly, Optional Tool Kit (See Group 80, Figure 13 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

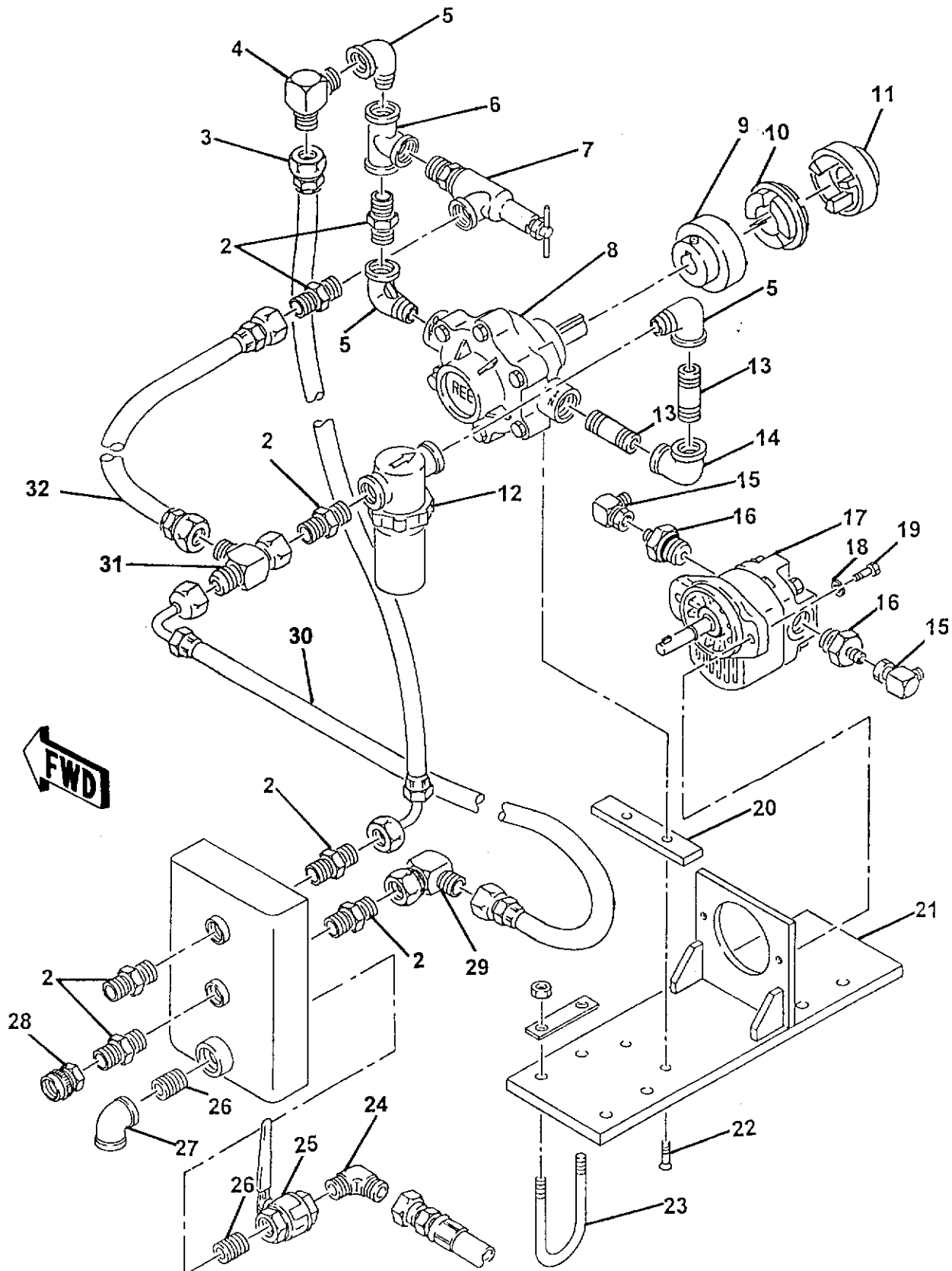
WASH PUMP ASSEMBLY

PARTS

GROUP 80

FIGURE 02

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**WASH PUMP ASSEMBLY****PARTS****GROUP 80****FIGURE 02****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, 3/4	3
6	10228	• Tee, 3/4	1
7	78128	• Valve, Relief	1
8	78157	• Assembly Wash Water Pump (See Group 80, Figure 03 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, 3/4 x 3	2
14		• Elbow, 90 3/4	1
15		• Fitting, 90 FS6801-6-6	2
16		• Reducer, MB-FB-10-6	2
17	78152	• Assembly Wash Pump Motor (See Group 80, Figure 04 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, 1 1/2 (attaching parts)	2
23		• U-Bolt, 1/4 x 20	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

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

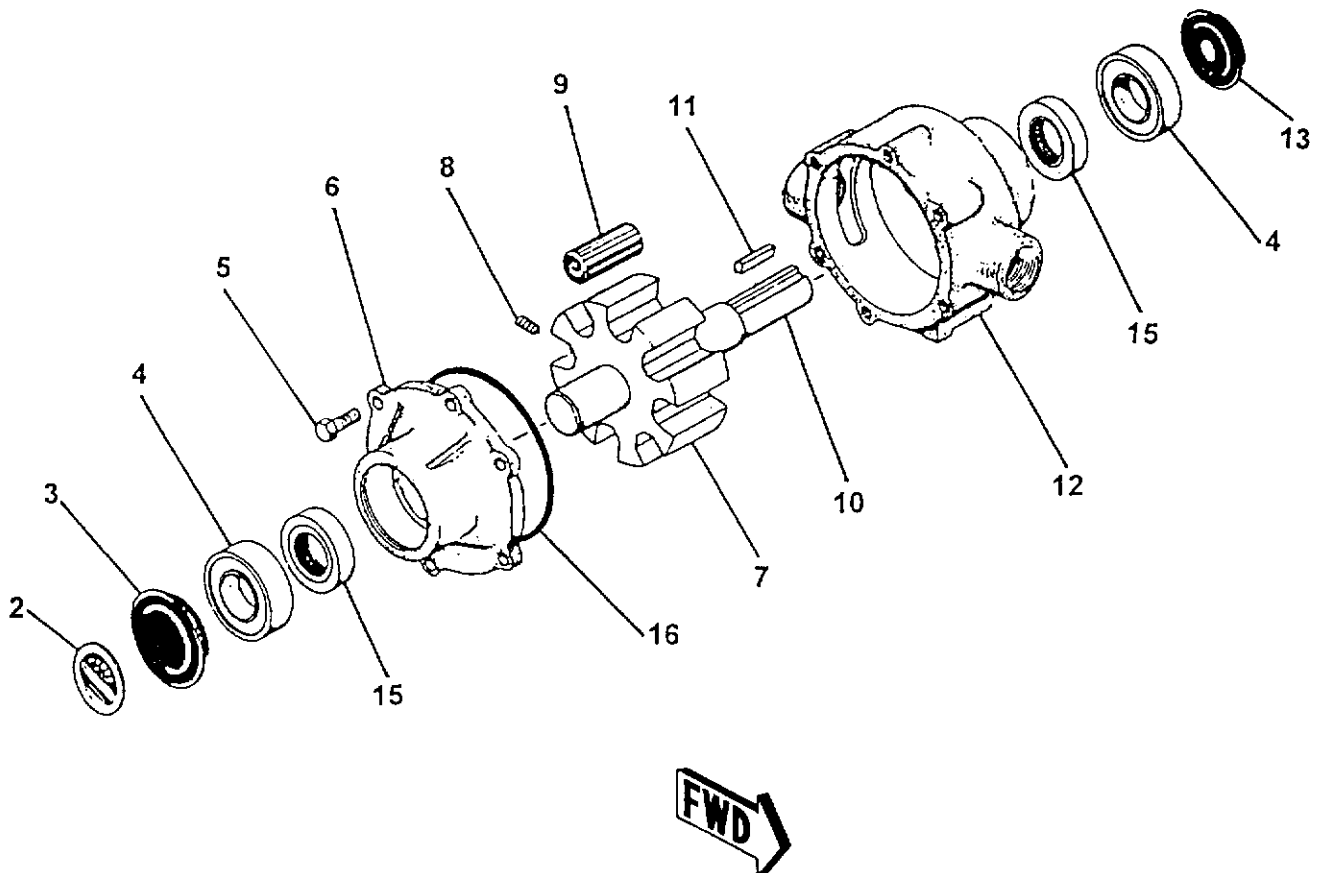
WATER PUMP ASSEMBLY

PARTS

GROUP 80

FIGURE 03

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**WATER PUMP ASSEMBLY****PARTS****GROUP 80****FIGURE 03****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	78157	Assembly, Wash Water Pump (See Group 80, Figure 02 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		• Kit, Seal	1
15		• • Seal, Buna	2
16		• • Gasket, End Plate O-Ring	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

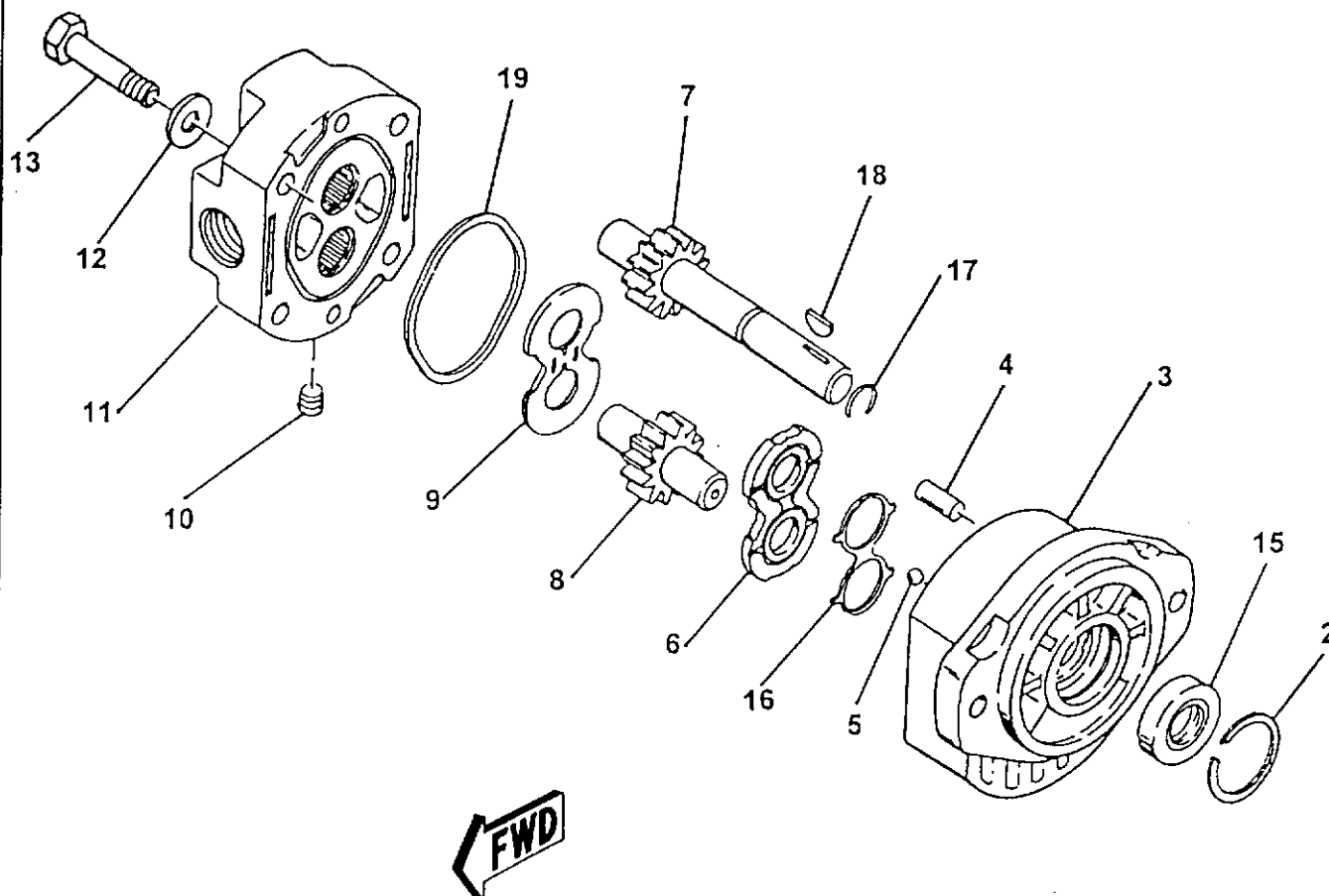
WASH PUMP MOTOR ASSEMBLY

PARTS

GROUP 80

FIGURE 04

PAGE 01



REEDCONCRETE PLACING
EQUIPMENT**WASH PUMP MOTOR ASSEMBLY****PARTS****GROUP 80****FIGURE 04****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 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 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:

REED

CONCRETE PLACING
EQUIPMENT

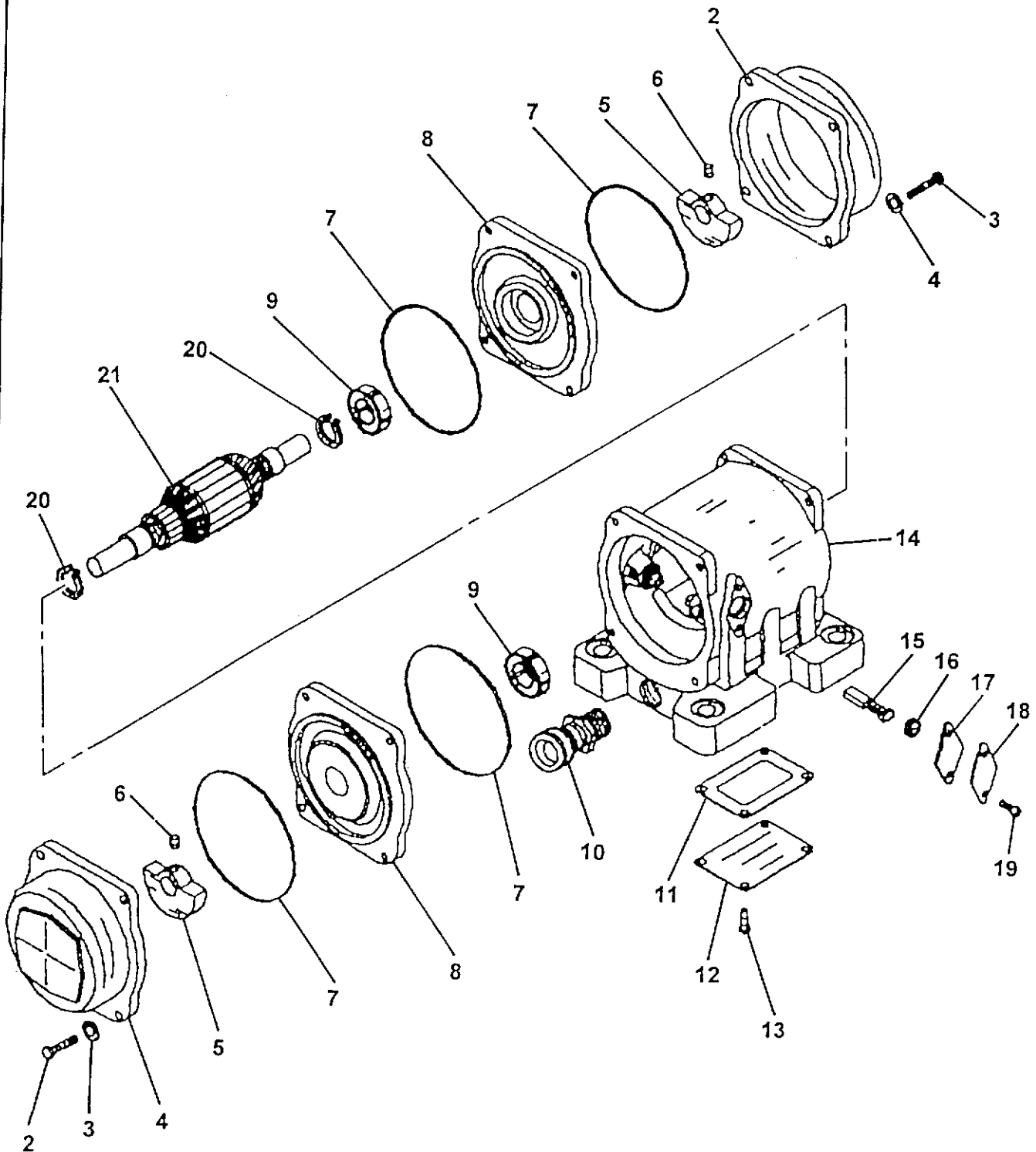
HOPPER VIBRATOR ASSEMBLY

PARTS

GROUP 80

FIGURE 05

PAGE 01



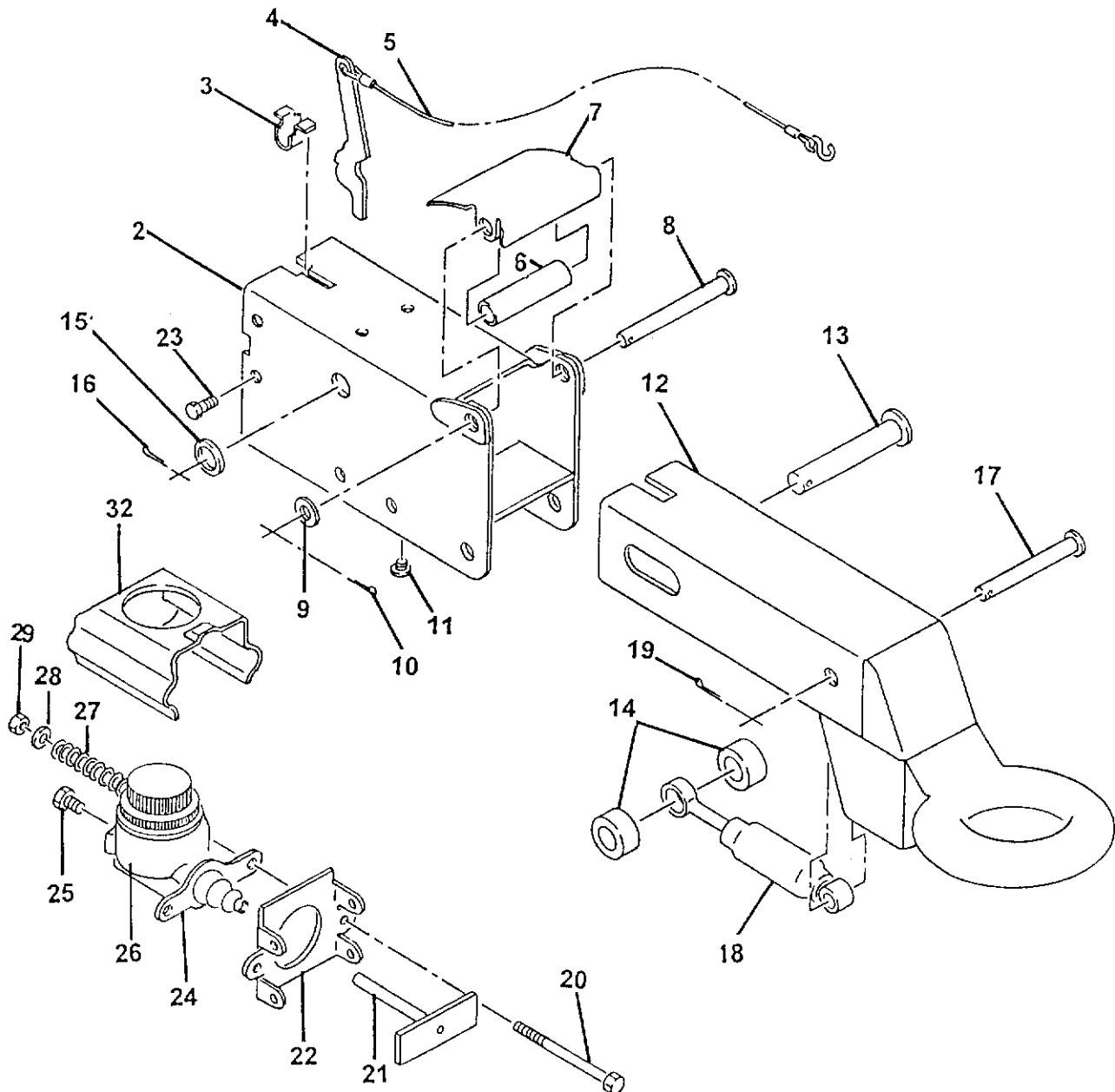
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**HOPPER VIBRATOR ASSEMBLY****PARTS****GROUP 80****FIGURE 05****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

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**ACTUATOR BRAKES ASSEMBLY****PARTS****GROUP 80****FIGURE 06****PAGE 01**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**ACTUATOR BRAKES ASSEMBLY****PARTS****GROUP 80****FIGURE 06****PAGE 02**

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, Brakeway	1
4		• Lever, Breakway 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 1/8 x 3/4	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 1/8 x 3/4	1
17		• Pin, Damper	1
18		• Damper	1
19		• Pin, Cotter 1/8 x 3/4	1
20		• Bolt, Hex 3/8 NC x 5	2
21		• Rod, Push	1
22		• Plate, Cylinder Mounting	1
23		• Bolt, 5/16 x 1/2 Self Topping	4
24		• Cylinder, Master	1
25		• Connector, 1/16 Orifice	1
26		• Cap, Master Cylinder with Gasket	1
27		• Spring	2
28		• Washer, 3/8	2
29		• Nut, hex 3/8 NC	2

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

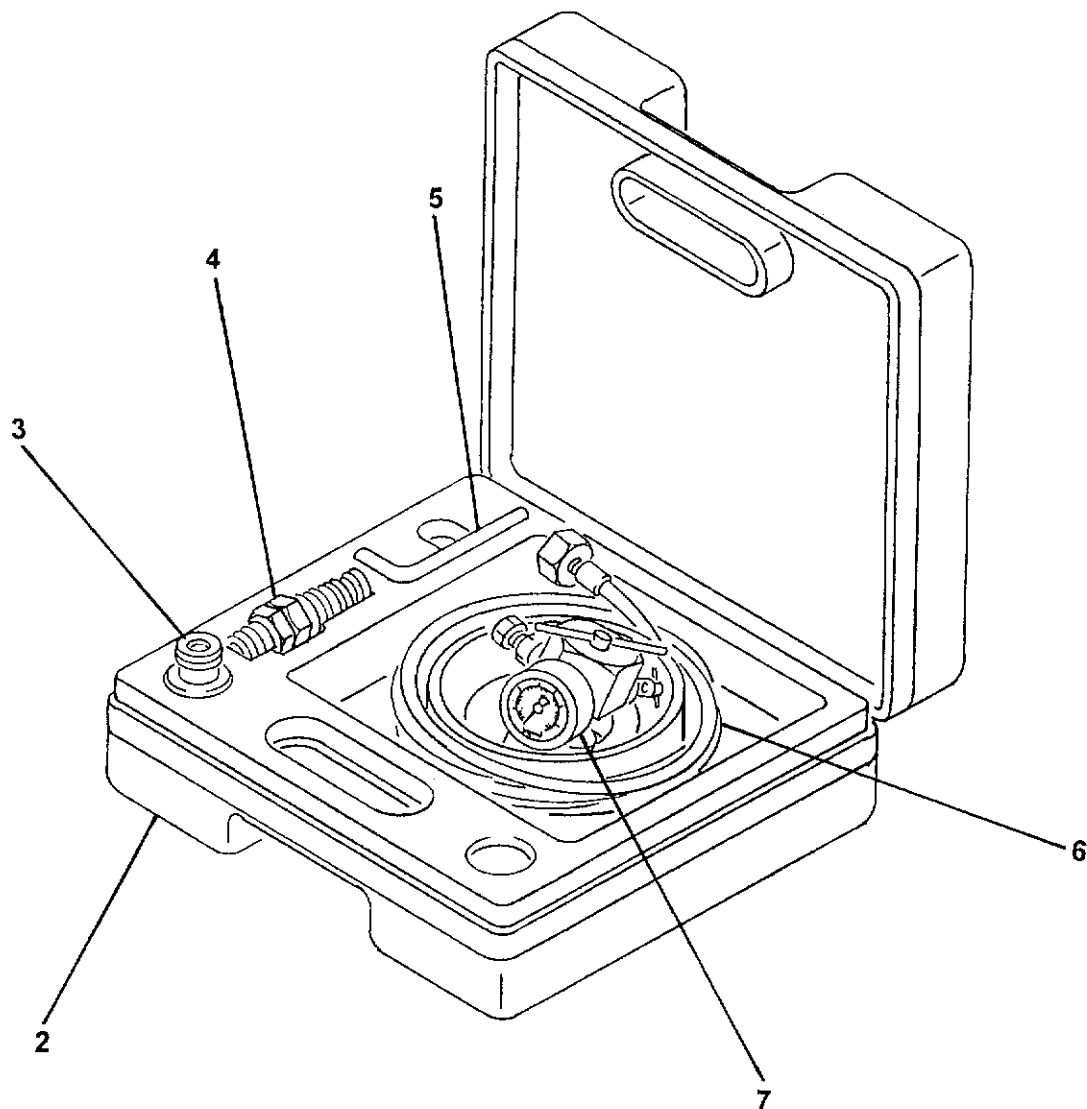
ACCUMULATOR CHARGE KIT

PARTS

GROUP 80

FIGURE 07

PAGE 01



REVISION:

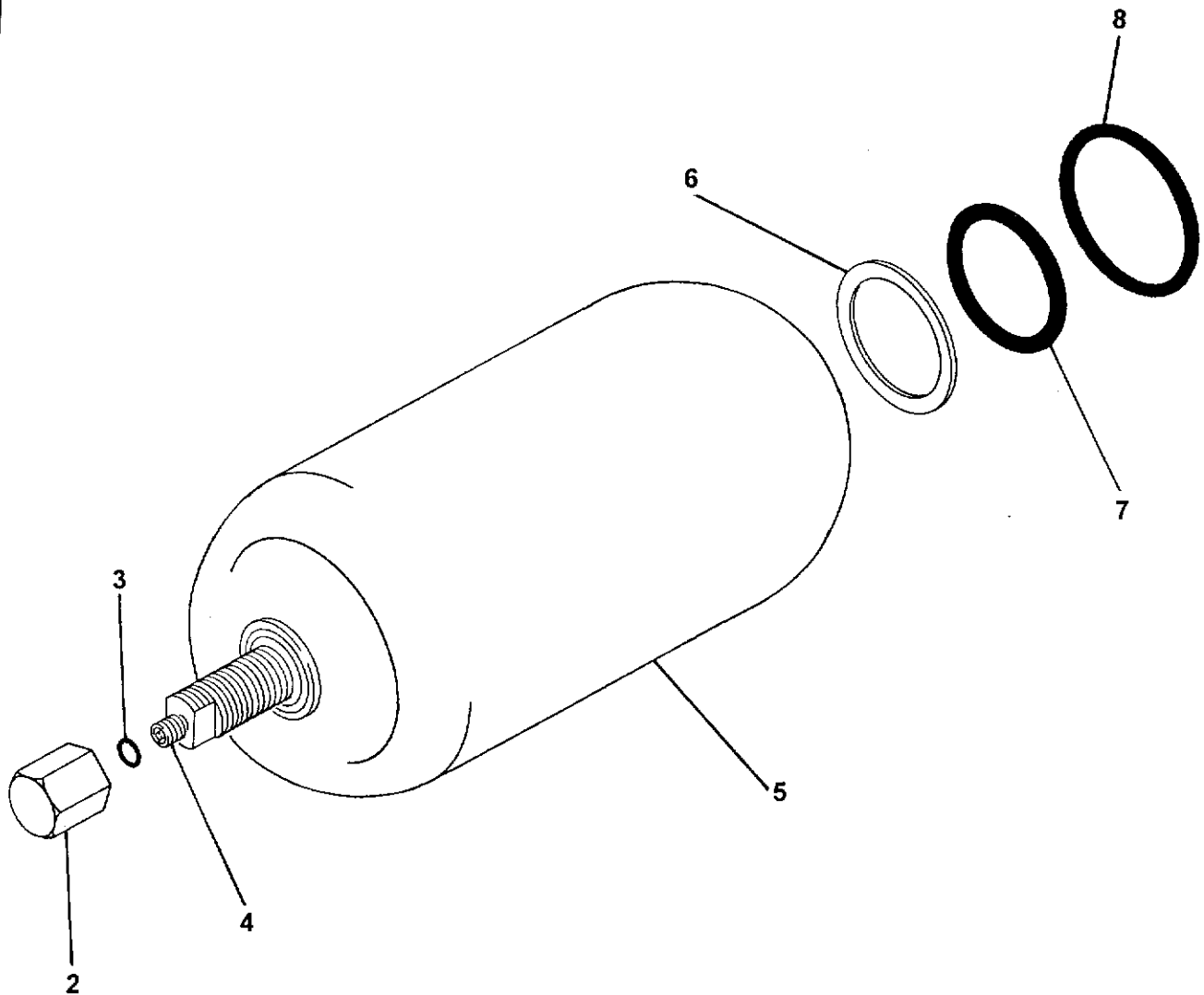
REEDCONCRETE PLACING
EQUIPMENT**ACCUMULATOR CHARGE KIT****PARTS****GROUP 80****FIGURE 07****PAGE 02**

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 Gaging					1

DASH (-) ITEM NOT ILLUSTRATED

BLADDER REPAIR KIT

PARTS
GROUP 80
FIGURE 08
PAGE 01



REEDCONCRETE PLACING
EQUIPMENT**BLADDER REPAIR KIT****PARTS**

GROUP 80

FIGURE 08

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-08	Kit, Bladder Repair (See Group 80, Figure 01 for NHA)					Ref
2		• Cap, Valve Seal					1
3		• O-Ring					1
4		• Core, Gas Valve					1
5	74516	• Bladder, 1 Gal					1
6		• Ring, Flat					1
7		• O-Ring					1
8		• Ring, Back Up					1

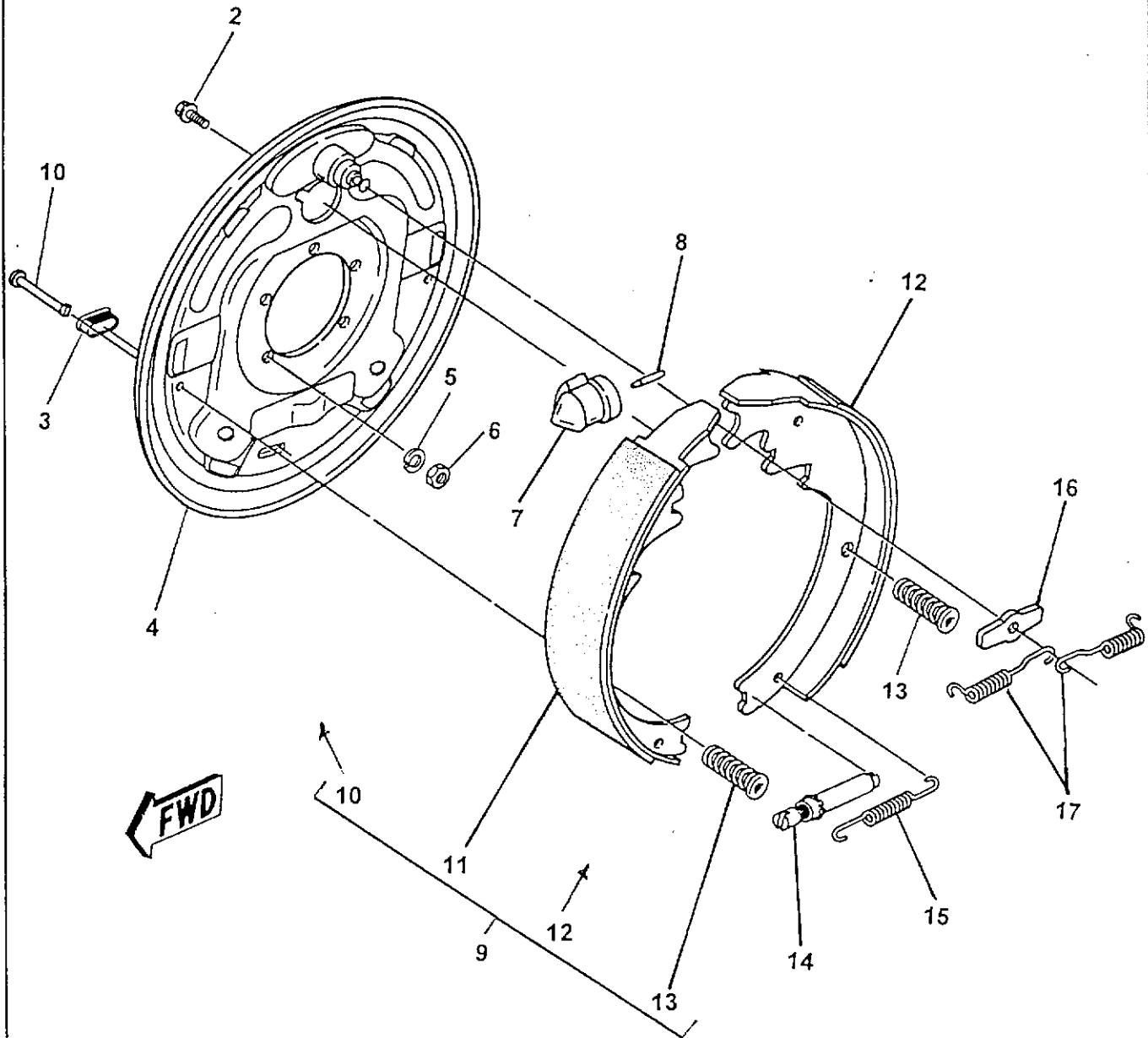
DASH (-) ITEM NOT ILLUSTRATED

REED

CONCRETE PLACING
EQUIPMENT

NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY

PARTS
GROUP 80
FIGURE 09
PAGE 01



REVISION:

**NON-OPERATOR SIDE
HYDRAULIC BRAKE ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-09	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

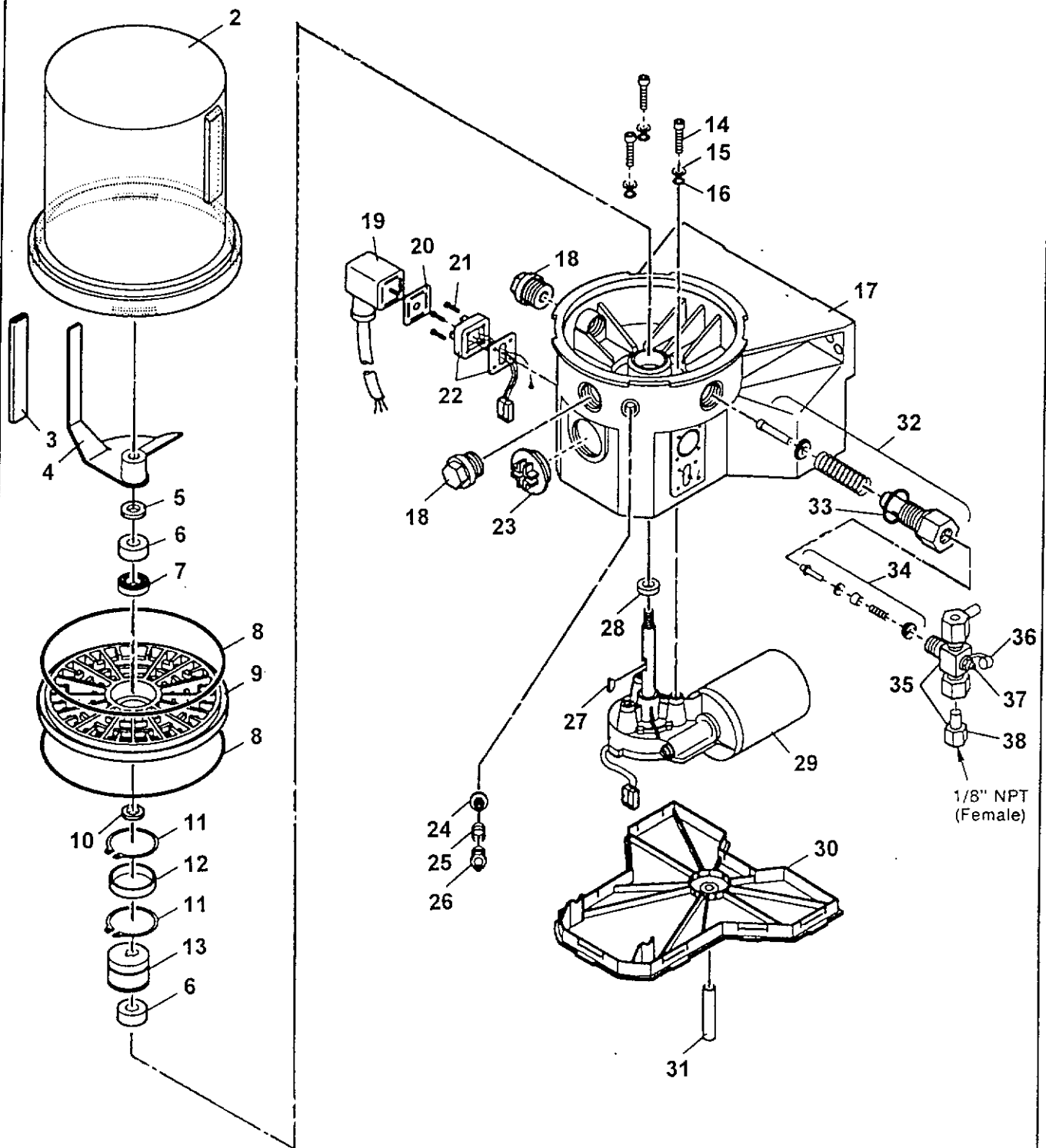
DASH (-) ITEM NOT ILLUSTRATED

REEDCONCRETE PLACING
EQUIPMENT**OPERATOR SIDE
HYDRAULIC BRAKE ASSEMBLY****PARTS****GROUP 80****FIGURE 10****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	80-10	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:

REEDCONCRETE PLACING
EQUIPMENT**LUBE PUMP ASSEMBLY****PARTS****GROUP 80****FIGURE 11****PAGE 01**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**LUBE PUMP ASSEMBLY****PARTS****GROUP 80****FIGURE 11****PAGE 02**

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, 12VDC	1
30		• Cover, Housing	1
31		• Hose	1
32		• Element, Pump	1
33		• Gasket	1
34		• Valve, Check	1
35		• Assembly, Pressure Release	1
36		• Cap, Grease	1
37		• Fitting, Grease	1
38		• Assembly, Adapter for Relief	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REEDCONCRETE PLACING
EQUIPMENT

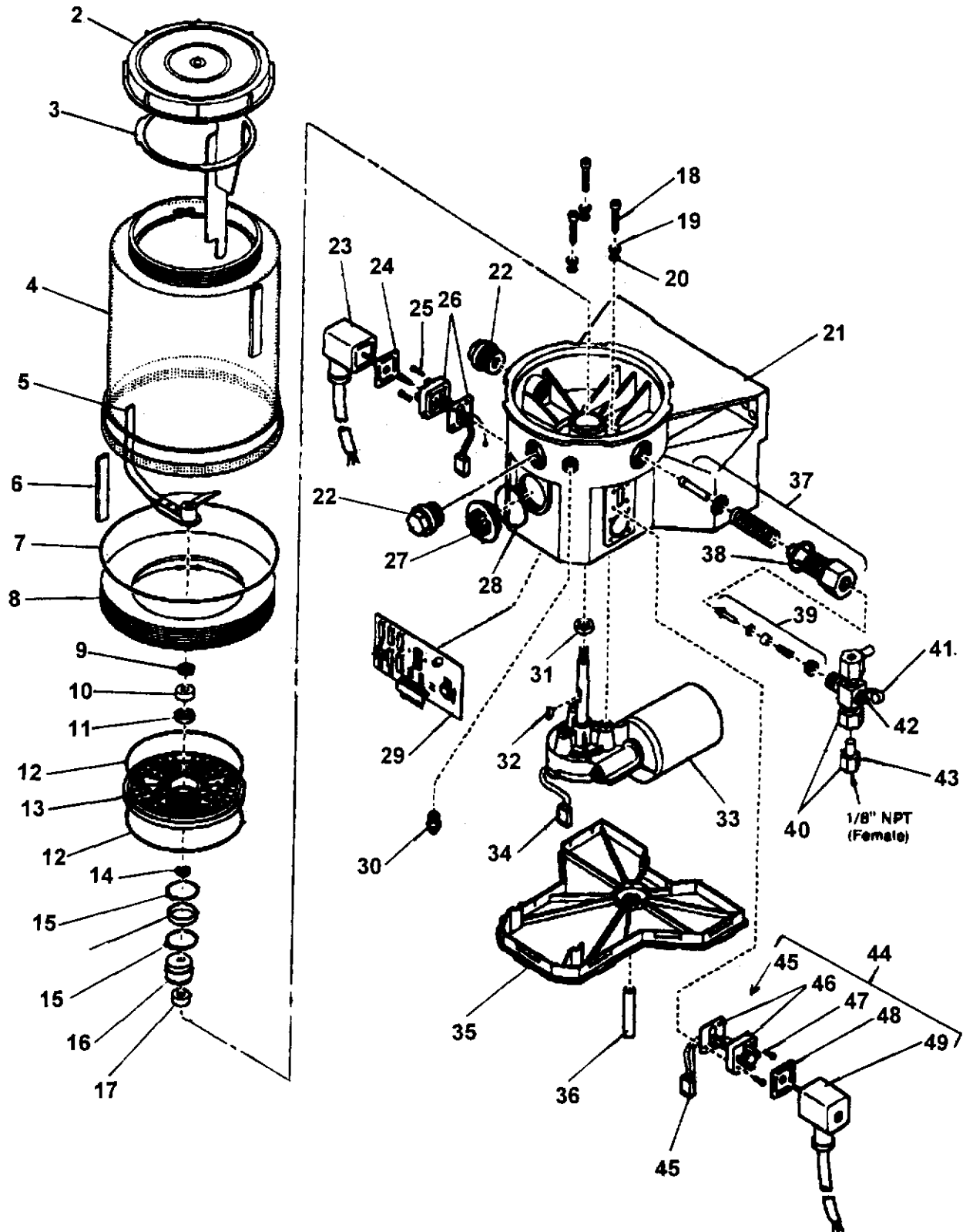
LUBRICATION PUMP ASSEMBLY WITH STIRRING PADDLE

PARTS

GROUP 80

FIGURE 12

PAGE 01



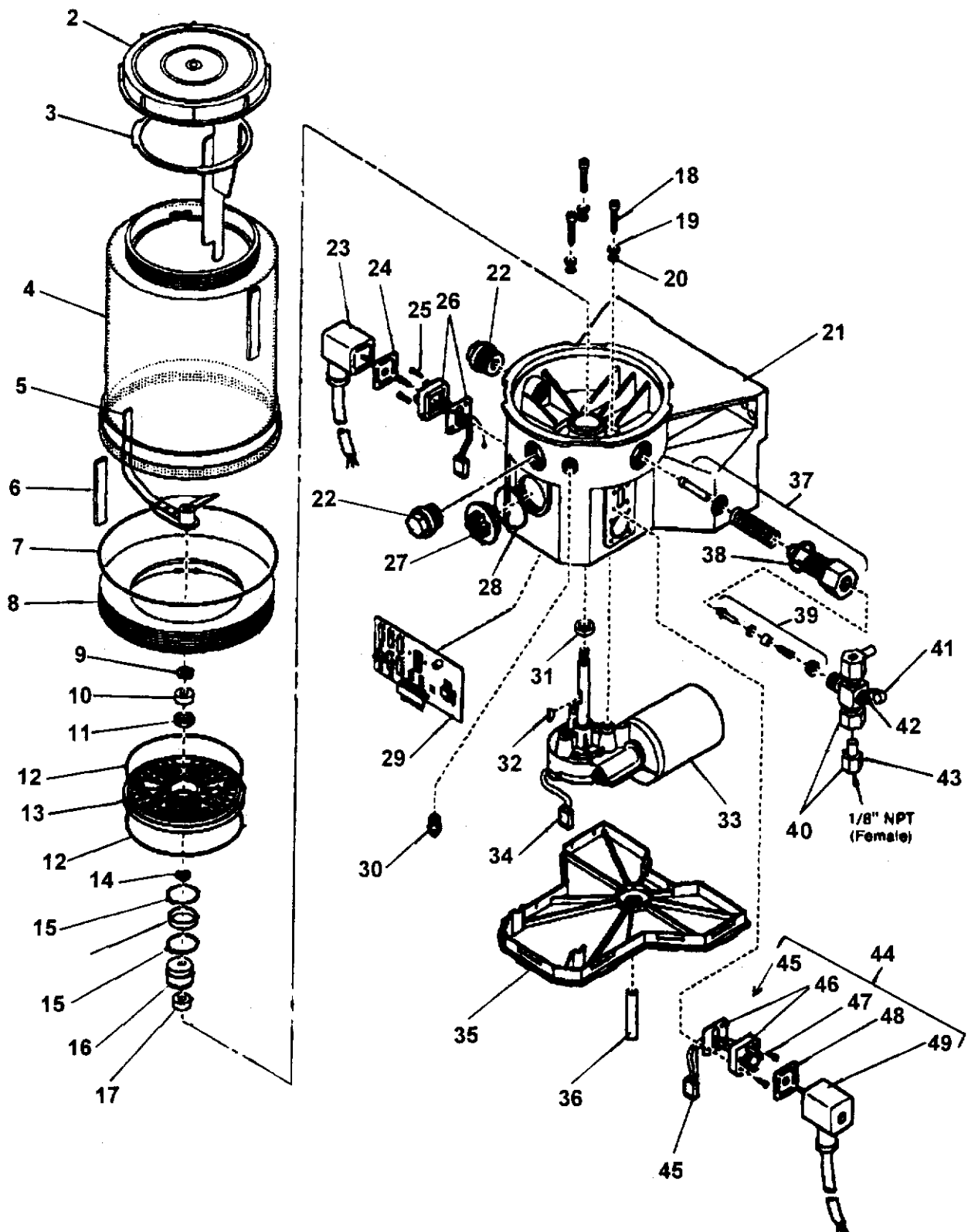
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**LUBRICATION PUMP ASSEMBLY
WITH STIRRING PADDLE****PARTS
GROUP 80
FIGURE 12
PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	800065	Assembly, Lubrication Pump (See Group 80, Figure 01 for NHA)	Ref
2		• Lid	1
3		• Paddle, Fixed	1
4		• Reservoir	1
5		• Paddle, Stirring	1
6		• Hose	1
7		• O-Ring	1
8		• Adapter	1
9		• Washer	1
10		• Ring, Bearing	2
11		• Bearing	1
12		• O-Ring	2
13		• Plate, Intermediate	1
14		• Shim	1
15		• Ring, Snap	2
16		• Ring, Inner	1
17		• Cam, Eccentric	1
18		• Screw	3
19		• Washer	3
20		• O-Ring	3
21		• Housing, Pump	1
22		• Plug, Closure	2
23		• Socket with Cord	1
24		• Packing, Flat	1
25		• Screw	4
26		• Plug	1
27		• Plug, Sealing	1
28		• O-Ring	1
29		• Board, Printed Circuit	1
30		• Fitting, Grease	1
31		• Seal, Radial	1
32		• Key, Wood Ruff	1
33		• Motor, 12 VDC	1
34		• Plug, Motor	1
35		• Cover, Housing	1

DASH (-) ITEM NOT ILLUSTRATED

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REEDCONCRETE PLACING
EQUIPMENT**LUBRICATION PUMP ASSEMBLY
WITH STIRRING PADDLE****PARTS****GROUP 80****FIGURE 12****PAGE 03**

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REEDCONCRETE PLACING
EQUIPMENT**LUBRICATION PUMP ASSEMBLY
WITH STIRRING PADDLE****PARTS****GROUP 80****FIGURE 12****PAGE 04**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
36		• Hose	1
37		• Element, Pump	1
38		• Gasket	1
39		• Valve, Check	1
40		• Assembly, Pressure Release	1
41		• Cap, Grease	1
42		• Fitting, Grease	1
43		• Adapter for Relief	1
44		• Assembly, Optional Pressure Relief Valve	1
45		• • Cord, Optional Power	1
46		• • Plug, Optional	1
47		• • Screw, Optional	4
48		• • Packing, Optional Flat	1
49		• • Socket, Optional	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

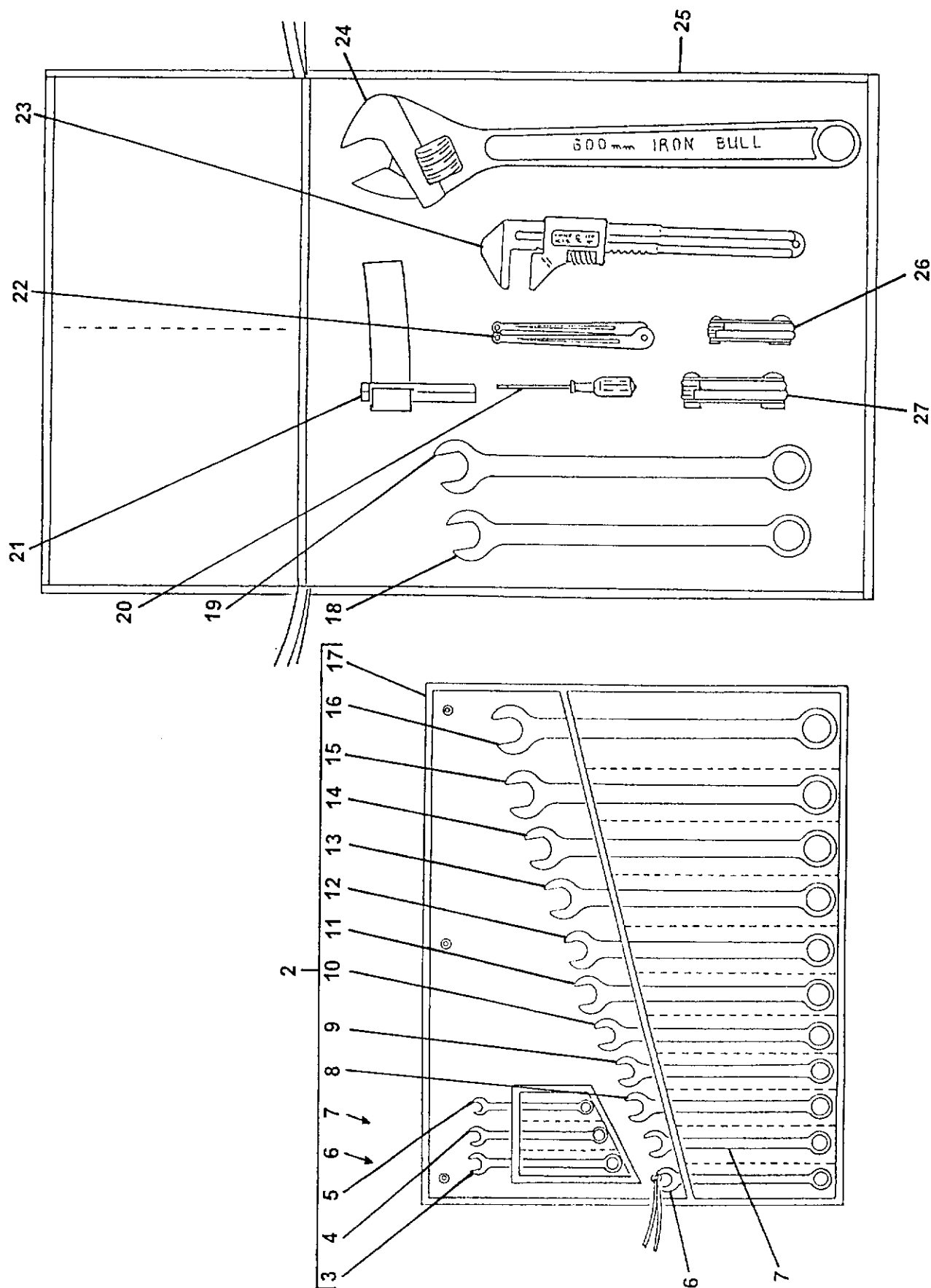
OPTIONAL TOOL KIT ASSEMBLY

PARTS

GROUP 80

FIGURE 13

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**OPTIONAL TOOL KIT ASSEMBLY****PARTS****GROUP 80****FIGURE 13****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	79020	Assembly, Optional Tool Kit (See Group 80, Figure 01 for NHA)	Ref
2	79037	• Kit, Wrench	1
3		• • Wrench, 1/2 Inch	1
4		• • Wrench, 7/16 Inch	1
5		• • Wrench, 3/8 Inch	1
6		• • Wrench, 9/16 Inch	1
7		• • Wrench, 5/8 Inch	1
8		• • Wrench, 11/16 Inch	1
9		• • Wrench, 3/4 Inch	1
10		• • Wrench, 13/16 Inch	1
11		• • Wrench, 7/8 Inch	1
12		• • Wrench, 15/16 Inch	1
13		• • Wrench, 1 Inch	1
14		• • Wrench, 1-1/16 Inch	1
15		• • Wrench, 1-1/8 Inch	1
16		• • Wrench, 1-1/4 Inch	1
17		• • Wrap, Plastic	1
18	79036	• Wrench, 1-3/8 Inch	1
19	79028	• Wrench, 1-1/2 Inch	1
20	79038	• Screwdriver	1
21	79814	• Wrench, Strap (for Filter)	1
22	79325	• Wrench, Spanner	1
23	79031	• Wrench, Monkey	1
24	79032	• Wrench, Adjustable 24 Inch	1
25	77502	• Bag, Tool	1
26	79030	• Set, Metric Allen Key (2-8 mm)	1
27	79029	• Set, Standard Allen Key (3/16-3/8 Inch)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

**M5 MULTISPRAY MIXER & PUMP
ILLUSTRATED PARTS MANUAL**

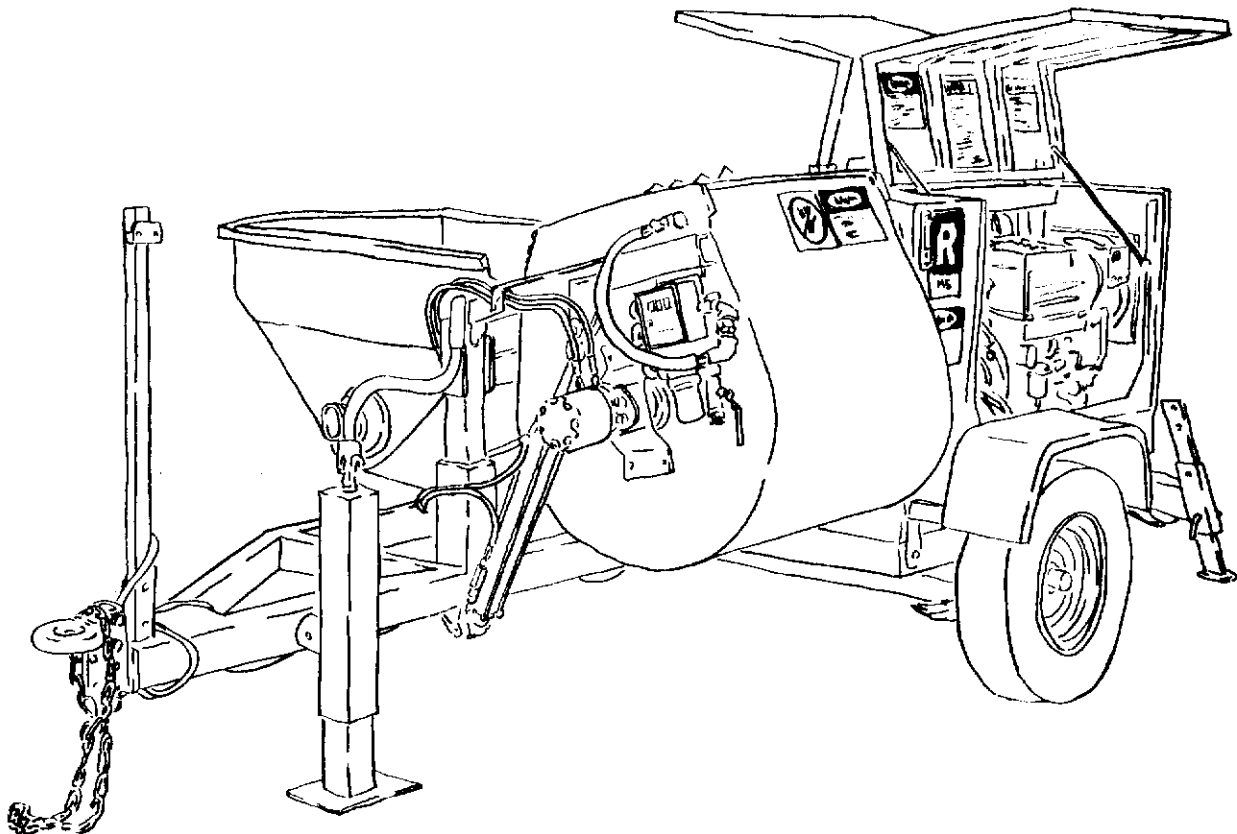
**PARTS
GROUP 80
FIGURE 14
PAGE 01**

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**M5 MULTISPRAY MIXER & PUMP
GROUP 90 LIFT MIXER INSTALLATION**

GROUP 90 LIFT MIXER INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	LIFT MIXER INSTALLATION
FIGURE 02	WATER PLUMBING ASSEMBLY
FIGURE 03	WATER METER ASSEMBLY
FIGURE 04	MIXER WELDMENT ASSEMBLY
FIGURE 05	MIXING BLADE ASSEMBLY
FIGURE 06	DOUBLE AUXILIARY MIXER PUMP ASSEMBLY
FIGURE 07	LIFT MIXER CYLINDER ASSEMBLY
FIGURE 08	MIXER MOTOR ASSEMBLY



REED

CONCRETE PLACING
EQUIPMENT

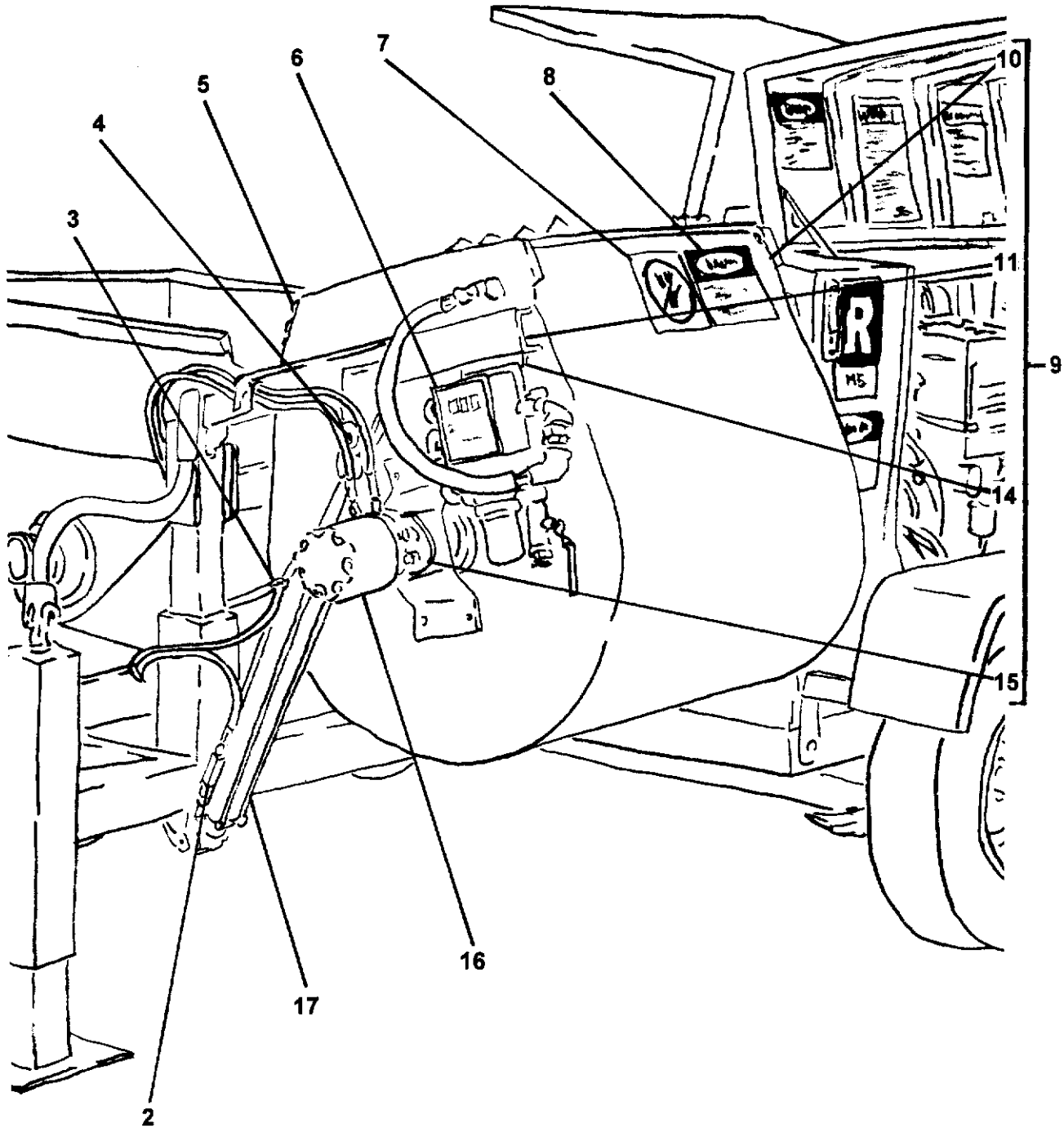
LIFT MIXER INSTALLATION

PARTS

GROUP 90

FIGURE 01

PAGE 01



REVISION:

REED**CONCRETE PLACING
EQUIPMENT****LIFT MIXER INSTALLATION****PARTS****GROUP 90****FIGURE 01****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	76860	Installation, Lift Mixer (See Group 10, Figure 01 for NHA)	Ref
2	76885	• Fuse, Velocity	2
3	78593	• Fitting, Mini Check (Port)	1
4	76882	• Pin, Pivot	1
5	76893	• Extension, Lip Mixer	1
6	90-02	• Assembly, Water Plumbing (See Group 90, Figure 02 for DET)	1
7	75005	• Decal, Danger, Do Not Put Hands	1
8	75081	• Decal, Danger, Do Not Put Hands Or Feet In Hopper At Any Time	1
9	76877	• Weldment, Mixer	1
10	97010	• • Assembly, Mixer Weldment (See Group 90, Figure 04 for DET)	1
11	72202	• • Weldment, Side Tube	2
-12	72205	• • Weldment, Cylinder Ear	2
-13	72220	• • Weldment, Mixer Shaft	1
14	79686	• • Bracket, Water Meter	1
15	72221	• • Weldment, Motor Adapter	1
16	79715	• Assembly, Double Auxiliary Mixer Pump (See Group 90, Figure 06 for DET)	1
17	72218	• Assembly, Lift Mixer Cylinder (See Group 90, Figure 07 for DET)	2
-18	72222	• Assembly, Mixer Motor (See Group 90, Figure 08 for DET) (Also See Group 40, Figure 01 for REF)	2
-19	79718	• Valve, flow control	1
-20	76878	• Weldment, Pivot Frame	1

DASH (-) ITEM NOT ILLUSTRATED

REED

CONCRETE PLACING
EQUIPMENT

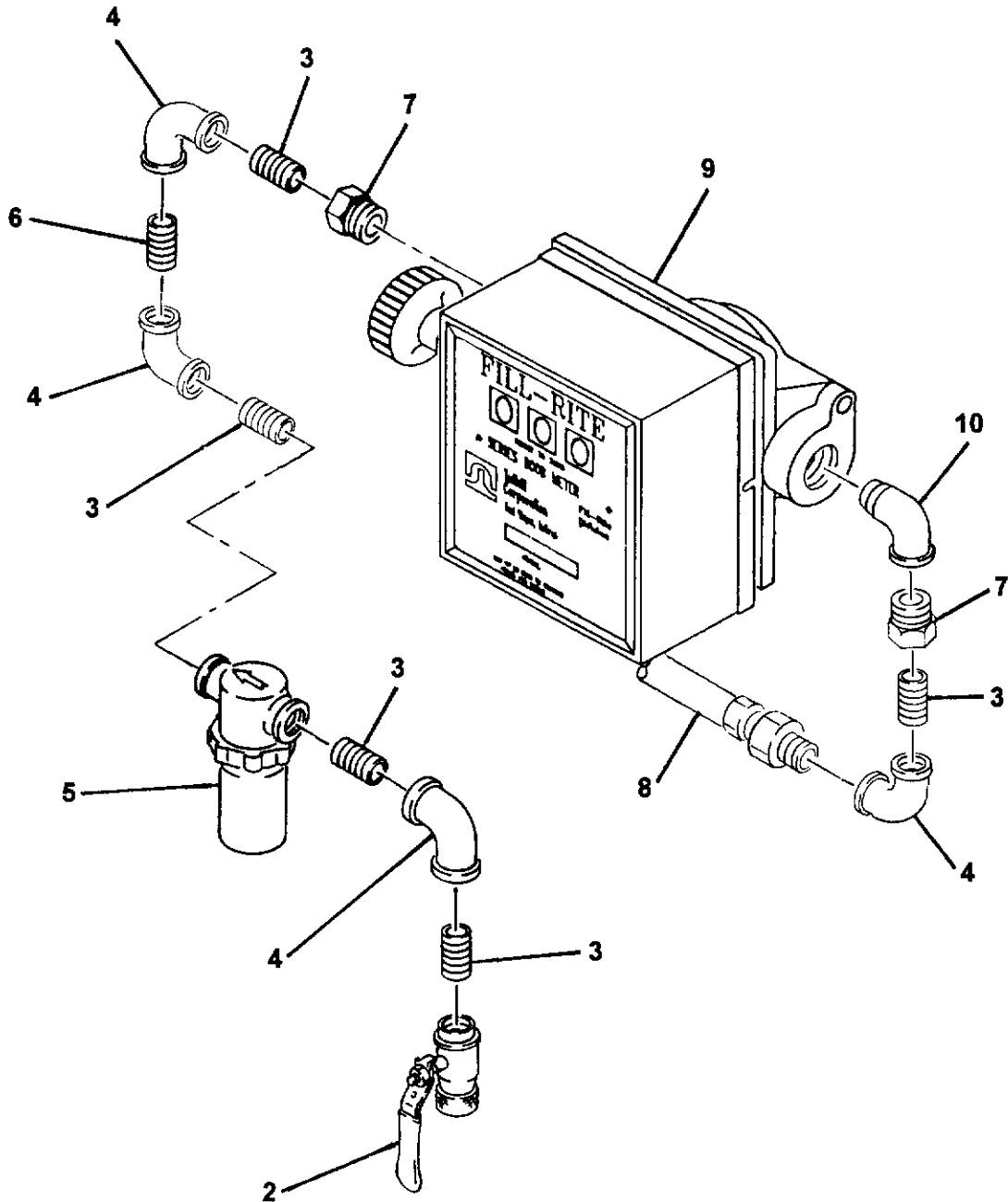
WATER PLUMBING ASSEMBLY

PARTS

GROUP 90

FIGURE 02

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**WATER PLUMBING ASSEMBLY****PARTS**

GROUP 90

FIGURE 02

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	90-02	Assembly, Water Plumbing (See Group 90, Figure 01 for NHA)	Ref
2	13186	• Valve, Ball	1
3	20144	• Nipple, 3/4	5
4	20143	• Elbow, 3/4	4
5	78158	• Strainer	1
6		• Nipple, 3/ 4	1
7		• Bushing, 1 x 3/4	2
8		• Assembly, Hose	1
9	71428	• Assembly, Water Meter (See Group 90, Figure 03 for DET)	1
10	56412	• Elbow, Street 3/4	1

DASH (-) ITEM NOT ILLUSTRATED

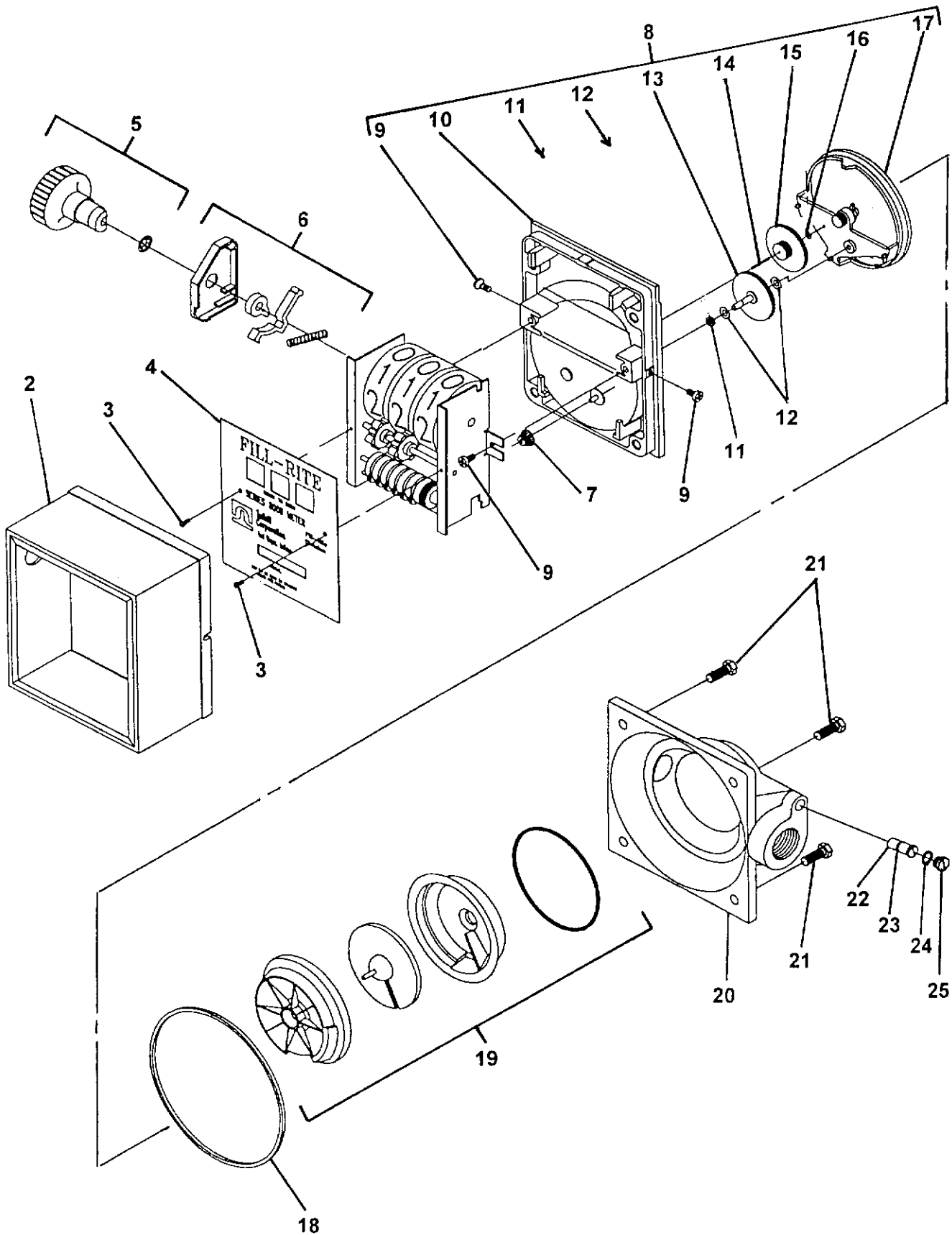
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**WATER METER ASSEMBLY****PARTS**

GROUP 90

FIGURE 03

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**WATER METER ASSEMBLY****PARTS****GROUP 90****FIGURE 03****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	71428	Assembly, Water Meter (See Group 90, Figure 02 for NHA)	Ref
2		• Cover, Counter	1
3		• Screw, #4 - 40 x 1/4	2
4		• Face, Counter	1
5		• Assembly, Knop	1
6		• Counter	1
7		• Bevel, Pinion	1
8		• Assembly, Cover	1
9		• • Screw, #8 - 32 x 5/16	4
10		• • Cover, Meter	1
11		• • O-Ring	1
12		• • Washer	2
13		• • Gear, Drive	1
14		• • Shaft, Cluster Gear	1
15		• • Gear, Cluster	1
16		• • Washer	1
17		• • Frame, Gear	1
18		• O-Ring	1
19		• Assembly, Meter Chamber	1
20		• Housing, Outlet	1
21		• Screw, Hex 5/16 - 18 x 7/8	4
22		• Screw, Calibration	1
23		• O-Ring for Calibration Screw	1
24		• O-Ring	1
25		• Screw, Seal	1
-26		• Kit, Repair (Included Items: 7, 11, 12, 13, 14, 15, 16, 17, 18, 19, 23 and 24)	1

DASH (-) ITEM NOT ILLUSTRATED

REED

CONCRETE PLACING
EQUIPMENT

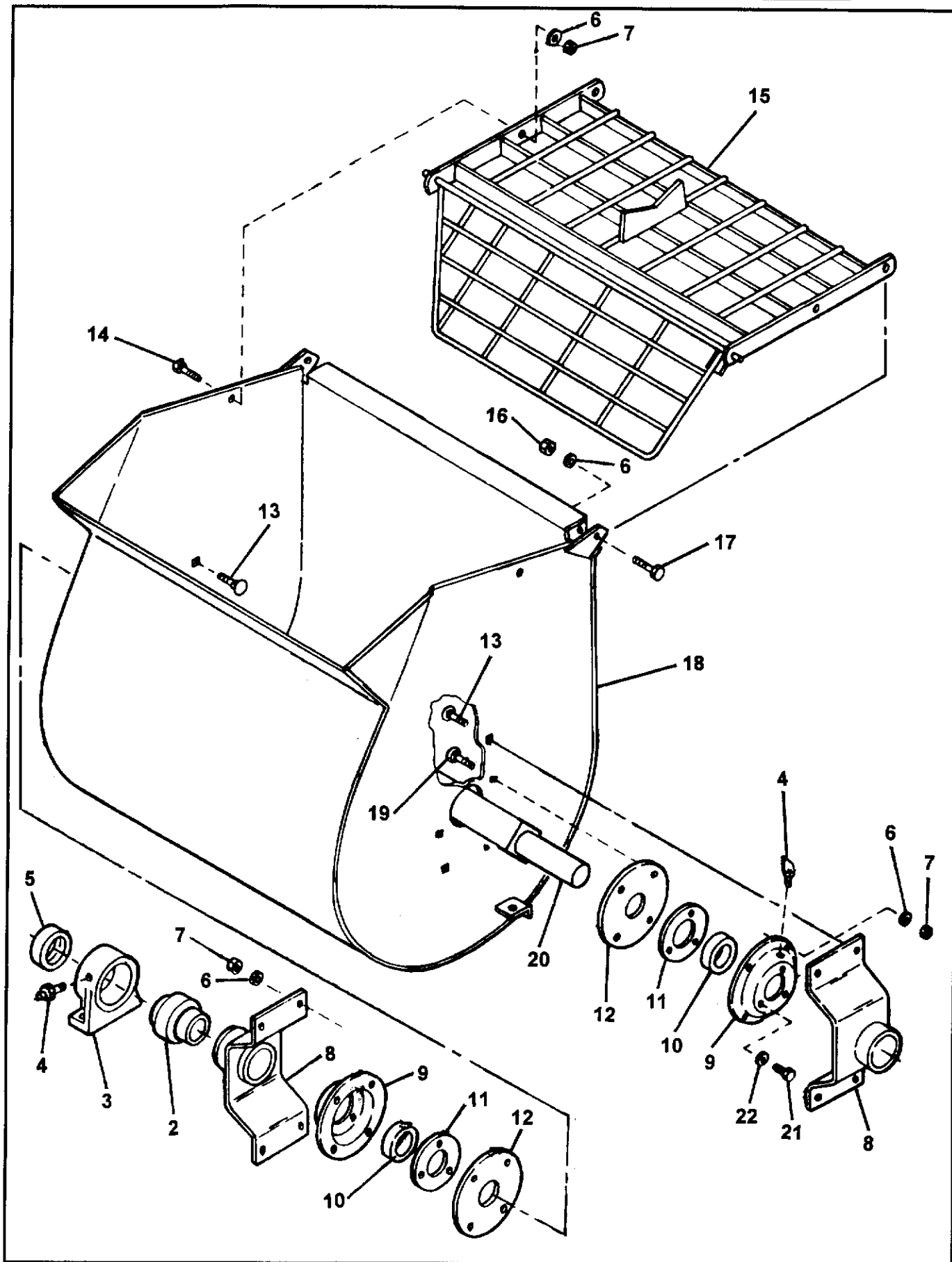
MIXER WELDMENT ASSEMBLY

PARTS

GROUP 90

FIGURE 04

PAGE 01



REVISION:

REEDCONCRETE PLACING
EQUIPMENT**MIXER WELDMENT ASSEMBLY****PARTS****GROUP 90****FIGURE 04****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	97010	Assembly, Mixer Weldment (See Group 90, Figure 01 for NHA)	Ref
2		• Bearing, Drum Shaft	1
3		• Hanger, Bearing	1
4		• Fitting, Grease	2
5		• Collar, Locking	1
6		• Washer, 3/8	19
7		• Nut, Hex 3/8-16	17
8		• Assembly, Bearing Support	2
9		• Housing, Seal	2
10		• Seal, Shaft	2
11		• Retainer, Seal	2
12		• Seal, Drum	2
13		• Capscrew, Flat 3/8-16 X 1	8
14		• Capscrew, Hex 3/8-16 X 1	1
15		• Assembly, Grill	1
16		• Nut, 3/8 Cone Lock	2
17		• Capscrew, Hex 3/8-16 X 2 Gr 5	2
18		• Weldment, Drum Shell	1
19		• Capscrew, Flat 3/8-16 X 1 1/4	8
20	90-05	• Assembly, Mixing Blade (See Group 90, Figure 05 for NHA)	1
21		• Capscrew, Hex 1/4-28 X 1 Gr 5	16
22		• Washer, 1/4 Spring Lock	6

DASH (-) ITEM NOT ILLUSTRATED

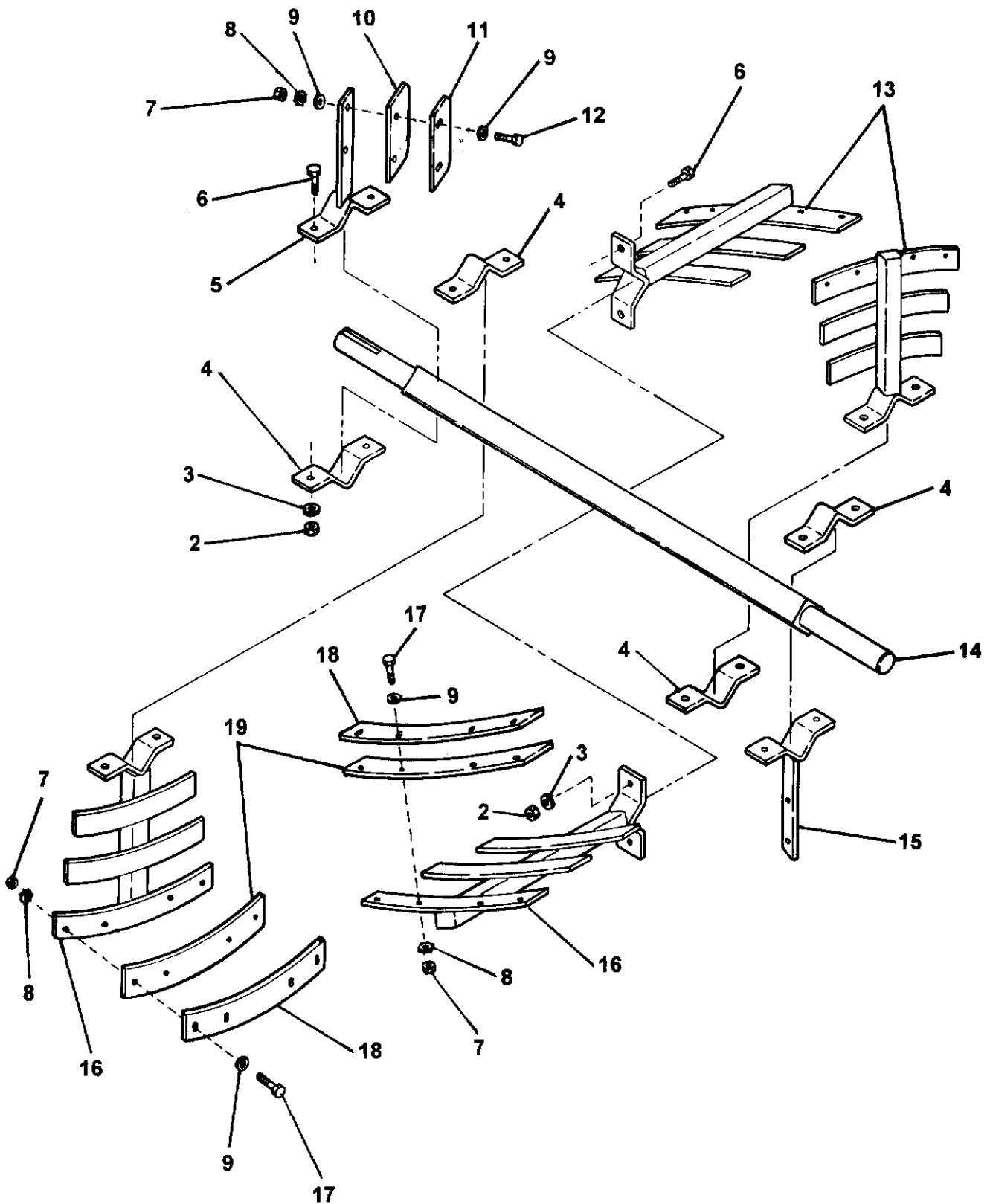
REVISION:

REEDCONCRETE PLACING
EQUIPMENT**MIXING BLADES ASSEMBLY****PARTS**

GROUP 90

FIGURE 05

PAGE 01



REVISION:

REED**CONCRETE PLACING
EQUIPMENT****MIXING BLADES ASSEMBLY****PARTS****GROUP 90****FIGURE 05****PAGE 02**

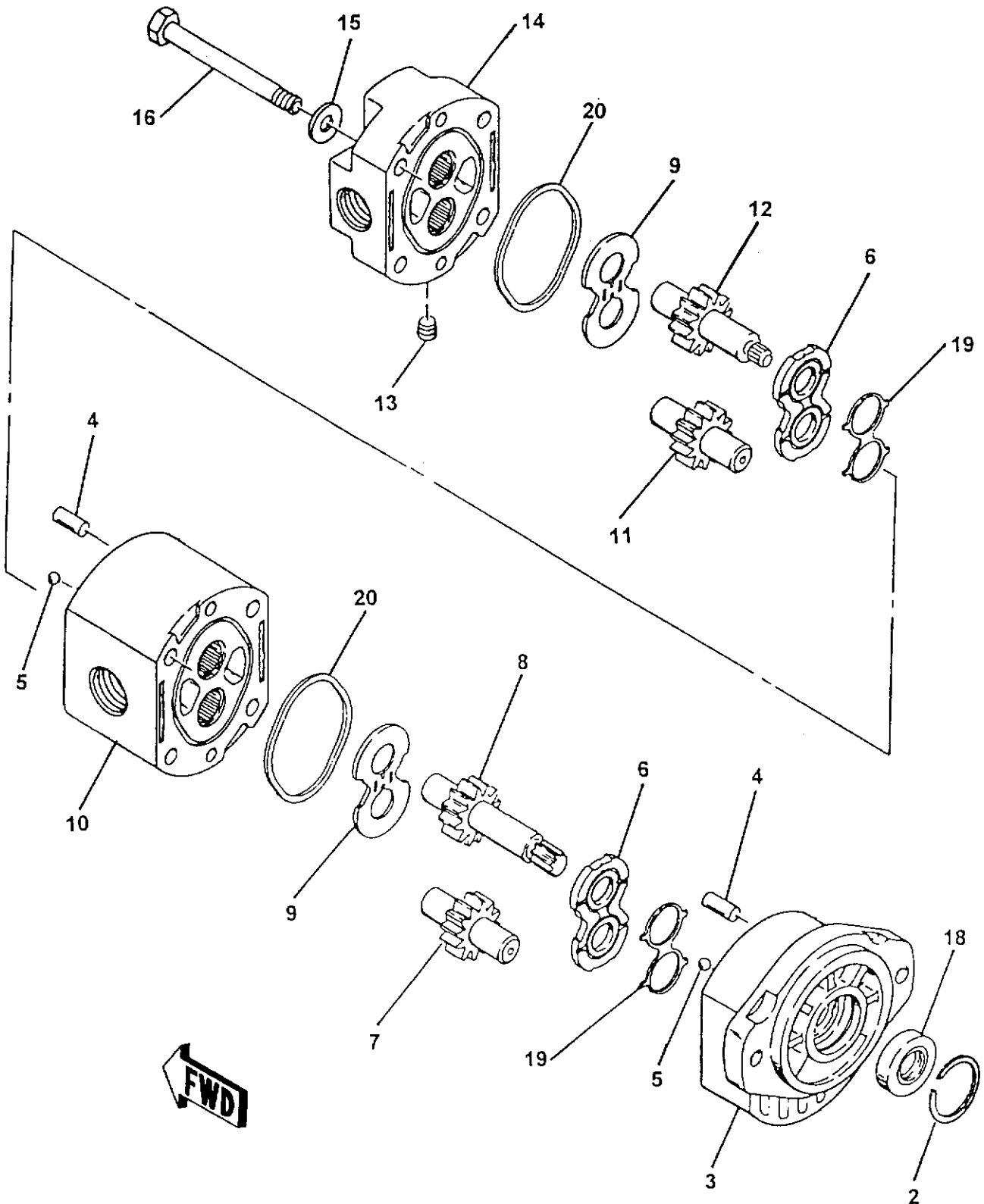
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	90-05	Assembly, Mixing Blade (See Group 90, Figure 01 for NHA)	Ref
2		• Nut, Hex 5/8-11	10
3		• Washer, 5/8 Spring Lock	10
4		• Cap, Mixing Arm	4
5		• Assembly, Side Arm	1
6		• Capscrew, Hex 5/8-11 X 2 Gr 5	10
7		• Nut, Hex 3/8-16	20
8		• Washer, 3/8 Spring Lock	20
9		• Washer, 3/8 Flat	20
10		• Wiper, Drum End	2
11		• Plate, End Wiper Backing	2
12		• Capscrew, Hex 3/8-16 X 1 3/4 Gr 5	4
13		• Assembly, Mixing Arm	2
14		• Shaft, Drum	1
15		• Assembly, Side Arm	1
16		• Assembly, Mixing Arm	2
17		• Capscrew, Hex 3/8-16 X 1 1/2 Gr 5	16
18		• Plate, Wrap Wiper Backing	4
19		• Wiper, Drum Wrap	4

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

DOUBLE AUXILIARY MIXER PUMP ASSEMBLY

PARTS
GROUP 90
FIGURE 06
PAGE 01

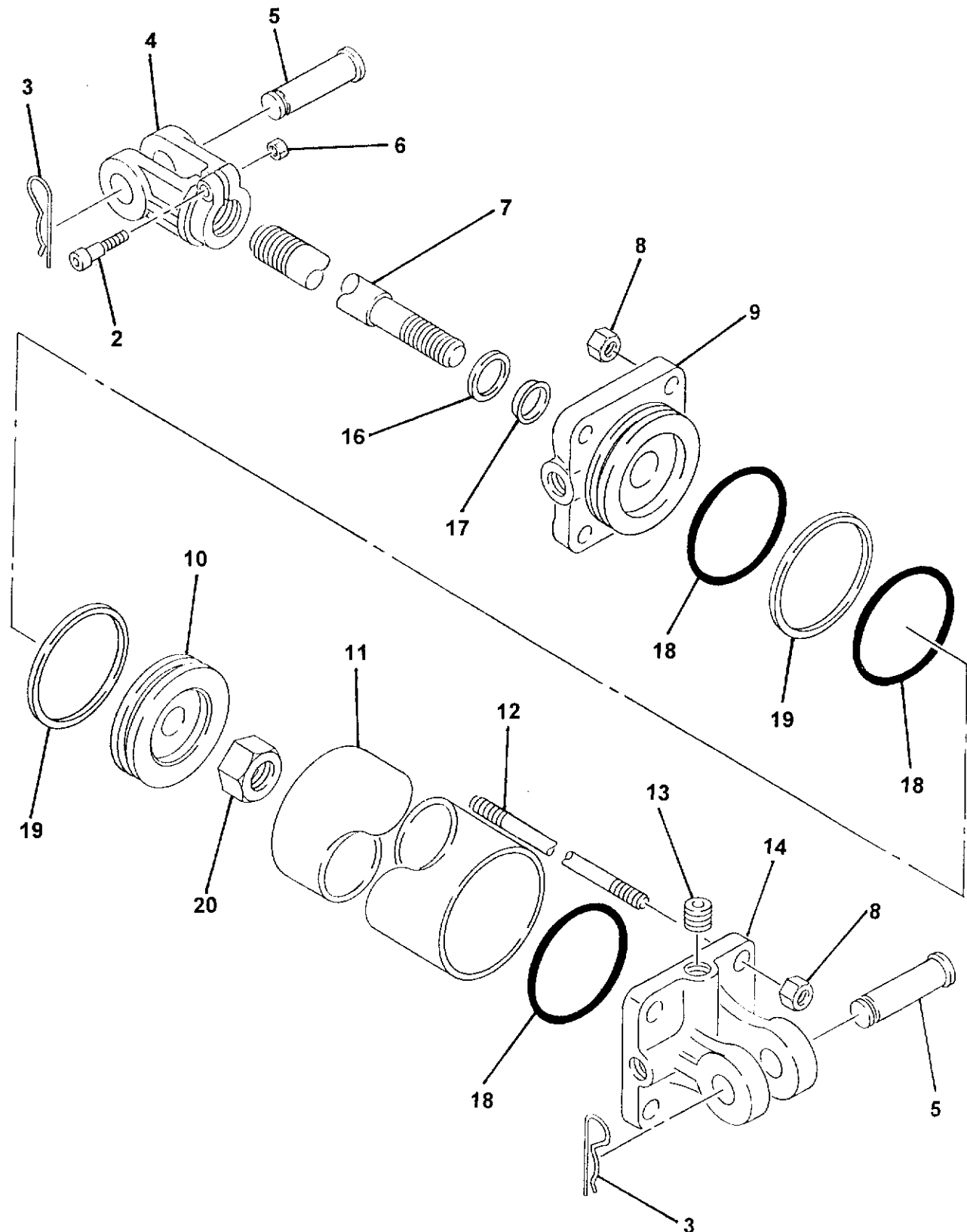


FWD

REEDCONCRETE PLACING
EQUIPMENT**DOUBLE AUXILIARY
MIXER PUMP ASSEMBLY****PARTS****GROUP 90****FIGURE 06****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	73156	Assembly, Double Auxiliary Mixer Pump (See Group 90, Figure 01 for NHA) (Also See Group 40, Figure 02 for REF)	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		• Kit, Seal	1
18		• • Seal, Shaft	1
19		• • Rubber, Space	2
20		• • Ring, Square Cut	2

DASH (-) ITEM NOT ILLUSTRATED

REEDCONCRETE PLACING
EQUIPMENT**LIFT MIXER CYLINDER ASSEMBLY****PARTS****GROUP 90****FIGURE 07****PAGE 01**

REVISION:

REEDCONCRETE PLACING
EQUIPMENT**LIFT MIXER CYLINDER ASSEMBLY****PARTS****GROUP 90****FIGURE 07****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	72218	Assembly, Lift Mixer Cylinder (See Group 90, Figure 01 for NHA)					Ref
2		• Screw, Cap					1
3		• Pin, Clip					2
4		• Clevis					1
5		• Rod, Clevis Pin					2
6		• Nut, Clevis					1
7		• Rod					1
8		• Nut, Tie Rod					8
9		• Head					1
10		• Piston					1
11		• Tube					1
12		• Rod, Tie					4
13		• Plug, Pipe					1
14		• Base					1
-15		• Kit, Seal					1
16		• • Wiper					1
17		• • U-Cup					1
18		• • O-Ring					3
19		• • Ring, Back Up					2
20		• • Nut, Piston					1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED

CONCRETE PLACING
EQUIPMENT

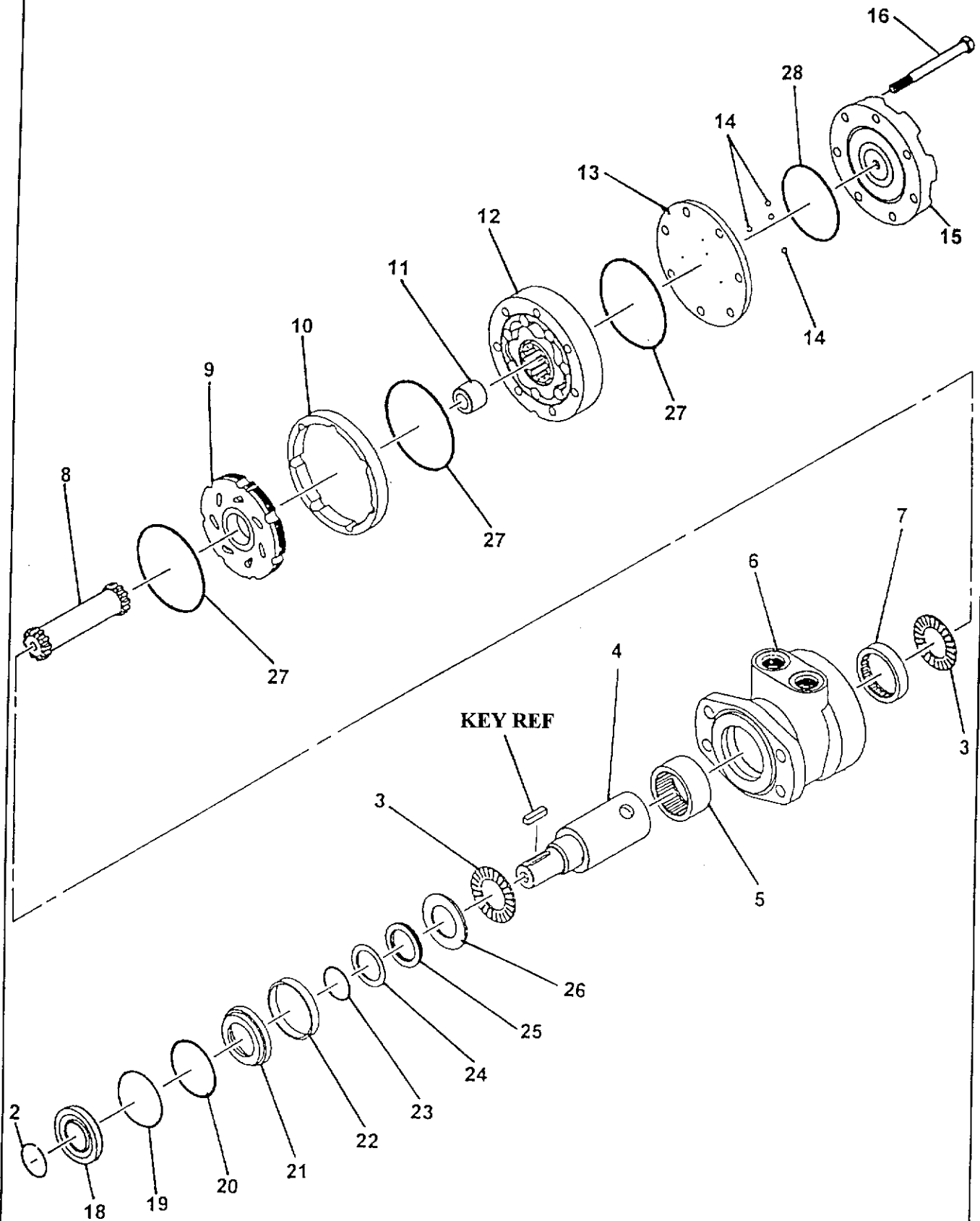
MIXER MOTOR ASSEMBLY

PARTS

GROUP 90

FIGURE 08

PAGE 01



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REEDCONCRETE PLACING
EQUIPMENT**MIXER MOTOR ASSEMBLY****PARTS****GROUP 90****FIGURE 08****PAGE 02**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	72222	Assembly, Mixer Motor (See Group 90, Figure 01 for NHA)	Ref
2		• Pin	1
3		• Bearing, Thrust	2
4		• Shaft	1
5		• Bearing, Front	1
6		• Housing, Motor	1
7		• Bearing, Rear	1
8		• Link, Drive	1
9		• Manifold	1
10		• Boot, Manifold	1
11		• Spacer, Drive Link	1
12		• Assembly, Rotor	1
13		• Plate, Ballance	1
14		• Ball, Steel	4
15		• Cover, End	1
16		• Bolt, Hex (attaching partsw)	7
-17		• Kit, Seal	1
18		• • Seal, Dust	1
19		• • Ring, SPL Wire	1
20		• • Shim, Back Up	1
21		• • Seal, Carrier	1
22		• • Seal, High Pressure	1
23		• • Shim, Back Up	1
24		• • Shim, Teflon Back Up	1
25		• • Seal, Shift	1
26		• • Washer, Thrust	1
27		• • Seal, Body	3
28		• O-Ring	1

DASH (-) ITEM NOT ILLUSTRATED

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ILLUSTRATED PARTS MANUAL**

**PARTS
GROUP 90
FIGURE 09
PAGE 01**

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