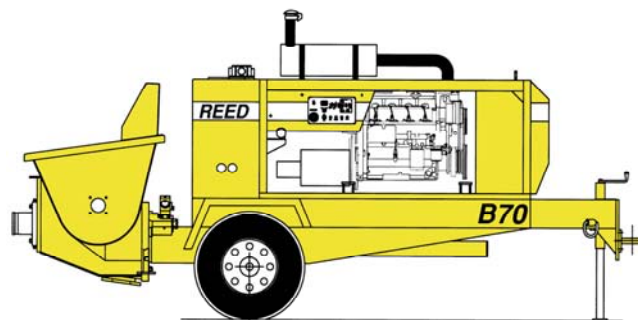


REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B50 ILLUSTRATED PARTS MANUAL CONTAINS THE FOLLOWING GROUPS AND FIGURES:



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** HARSH MIX HOPPER WITH DUAL SHIFT INSTALLATION
- FIGURE 02** HARSH MIX HOPPER WITH DUAL SHIFT INSTALLATION-HP
- FIGURE 03** DECAL ASSEMBLY

GROUP 20 HOPPER INSTALLATION

- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** HARSH MIX HOPPER INSTALLATION
- FIGURE 02** HOPPER CLEAN OUT DOOR ASSEMBLY
- FIGURE 03** HARSH MIX HOPPER AGITATOR ASSEMBLY
- FIGURE 04** HARSH MIX HOPPER AGITATOR MOTOR ASSEMBLY
- FIGURE 05** 3 SPOOL CONTROL VALVE ASSEMBLY
- FIGURE 06** 3 SPOOL CONTROL VALVE SUB-ASSEMBLY

GROUP 30 TANK INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	TANK INSTALLATION
FIGURE 02	HYDRAULIC TANK ASSEMBLY
FIGURE 03	SWING TUBE CIRCUIT MANIFOLD ASSEMBLY
FIGURE 04	SWING TUBE CIRCUIT MAIN SOLENOID VALVE ASSEMBLY
FIGURE 05	SWING TUBE CIRCUIT PILOT SOLENOID VALVE ASSEMBLY
FIGURE 06	BALL VALVE ASSEMBLY
FIGURE 07	DRIVE CYLINDER CIRCUIT MANIFOLD ASSEMBLY
FIGURE 08	DRIVE CYLINDER CIRCUIT MAIN SOLENOID VALVE ASSEMBLY
FIGURE 09	DRIVE CYLINDER CIRCUIT PILOT SOLENOID VALVE ASSEMBLY
FIGURE 10	ACCUMULATOR ASSEMBLY
FIGURE 11	ACCUMULATOR BLADDER REPAIR KIT

GROUP 40 POWER TRAIN INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	POWER TRAIN INSTALLATION
FIGURE 02	HYDRAULIC PUMPS ASSEMBLY
FIGURE 03	SINGLE AUXILIARY PUMP ASSEMBLY
FIGURE 04	DOUBLE AUXILIARY PUMP ASSEMBLY
FIGURE 05	MAIN PUMP ASSEMBLY
FIGURE 06	BATTERY MOUNTING ASSEMBLY

GROUP 50 CONTROLS INSTALLATION

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

GROUP 60 PUMPING TRAIN INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	SINGLE SHIFT PUMPING TRAIN INSTALLATION
FIGURE 02	DUAL SHIFT PUMPING TRAIN INSTALLATION
FIGURE 03	SINGLE SHIFT SWING VALVE ASSEMBLY
FIGURE 04	DUAL SHIFT SWING VALVE ASSEMBLY
FIGURE 05	SINGLE SHIFT SWING RAM CYLINDER SUB-ASSEMBLY
FIGURE 06	DUAL SHIFT SWING RAM CYLINDER SUB-ASSEMBLY
FIGURE 07	MATERIAL CYLINDER ASSEMBLY
FIGURE 08	FLUSHBOX ASSEMBLY
FIGURE 09	HYDRAULIC DRIVE CYLINDER ASSEMBLY
FIGURE 10	HYDRAULIC DRIVE CYLINDER SUB-ASSEMBLY

GROUP 70 FRAME INSTALLATION

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	FRAME INSTALLATION
FIGURE 02	HUB 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	CENTRALIZED LUBE BLOCK ASSEMBLY
FIGURE 03	AUTOLUBE 12 VOLT LUBE PUMP ASSEMBLY
FIGURE 04	12 VOLT LUBE PUMP ASSEMBLY
FIGURE 05	HOPPER VIBRATOR ASSEMBLY
FIGURE 06	ACCUMULATOR CHARGE KIT
FIGURE 07	OPTIONAL TOOL KIT ASSEMBLY
FIGURE 08	SURGE BRAKES ASSEMBLY-PINTLE HITCH
FIGURE 09	WATER PUMP INSTALLATION
FIGURE 10	WATER PUMP CONTROL VALVE ASSEMBLY
FIGURE 11	WATER PUMP MOTOR ASSEMBLY
FIGURE 12	WATER PUMP ASSEMBLY
FIGURE 13	NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 14	OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 15	HYDRAULIC OUTRIGGER CYLINDER ASSEMBLY
FIGURE 16	1 SPOOL CONTROL VALVE ASSEMBLY
FIGURE 17	1 SPOOL CONTROL VALVE SUB-ASSEMBLY
FIGURE 18	2 SPOOL CONTROL VALVE ASSEMBLY
FIGURE 19	2 SPOOL CONTROL VALVE SUB-ASSEMBLY
FIGURE 20	TIRE & WHEEL ASSEMBLY - ALUMINUM
FIGURE 21	50 FEET STROKE COUNTER REMOTE CONTROLLER



SHOWN MODEL B50: STANDARD HOPPER WITH DUALSHIFT SWING CYLINDER UNIT



TRAILER MOUNTED PUMP MODEL **B70** HOW TO USE PART MANUAL

B70
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 **B70**. 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 B70 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.

TRAILER MOUNTED PUMP MODEL B70 HOW TO USE PART MANUAL

B70
PARTS
GROUP 00
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
-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"	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, Guide	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	86065	•• Seal, 6 Inch Single Lip	1
21	72310	•• Ring, 6 Inch Single Lip Wear	1
22	86031	•• Plate, Wear	1
23	86086	•• Ring, Anti Chip	2
24		•• Bolt, Flat Head	4
25		•• Washer, Lock	4
26		•• Nut, Hex	4
27		•• Bolt, Hex	6
28		•• Washer, Lock	6
29	85962	•• Seal, Flange Bearing	1
30		•• Pin, Dowel	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	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

REVISION:

REVISION:

TRAILER MOUNTED PUMP MODEL B70 HOW TO USE PART MANUAL

B70
PARTS
GROUP 00
FIGURE 01
PAGE 03

2



3

4

5

1

01 B40
PARTS
GROUP 60
FIGURE 04
PAGE 02

**DUAL SHIFT
SWING VALVE ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
-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"	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, Guide	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	86065	• • Seal, 6 Inch Single Lip	1
21	72310	• • Ring, 6 Inch Single Lip Wear	1
22	86031	• • Plate, Wear	1
23	86086	• • Ring, Anti Chip	2
24		• • Bolt, Flat Head	4
25		• • Washer, Lock	4
26		• • Nut, Hex	4
27		• • Bolt, Hex	6
28		• • Washer, Lock	6
29	85962	• • Seal, Flange Bearing	1
30		• • Pin, Dowel	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	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

REVISION:

2

3

4

5

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 60, Figure 02 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

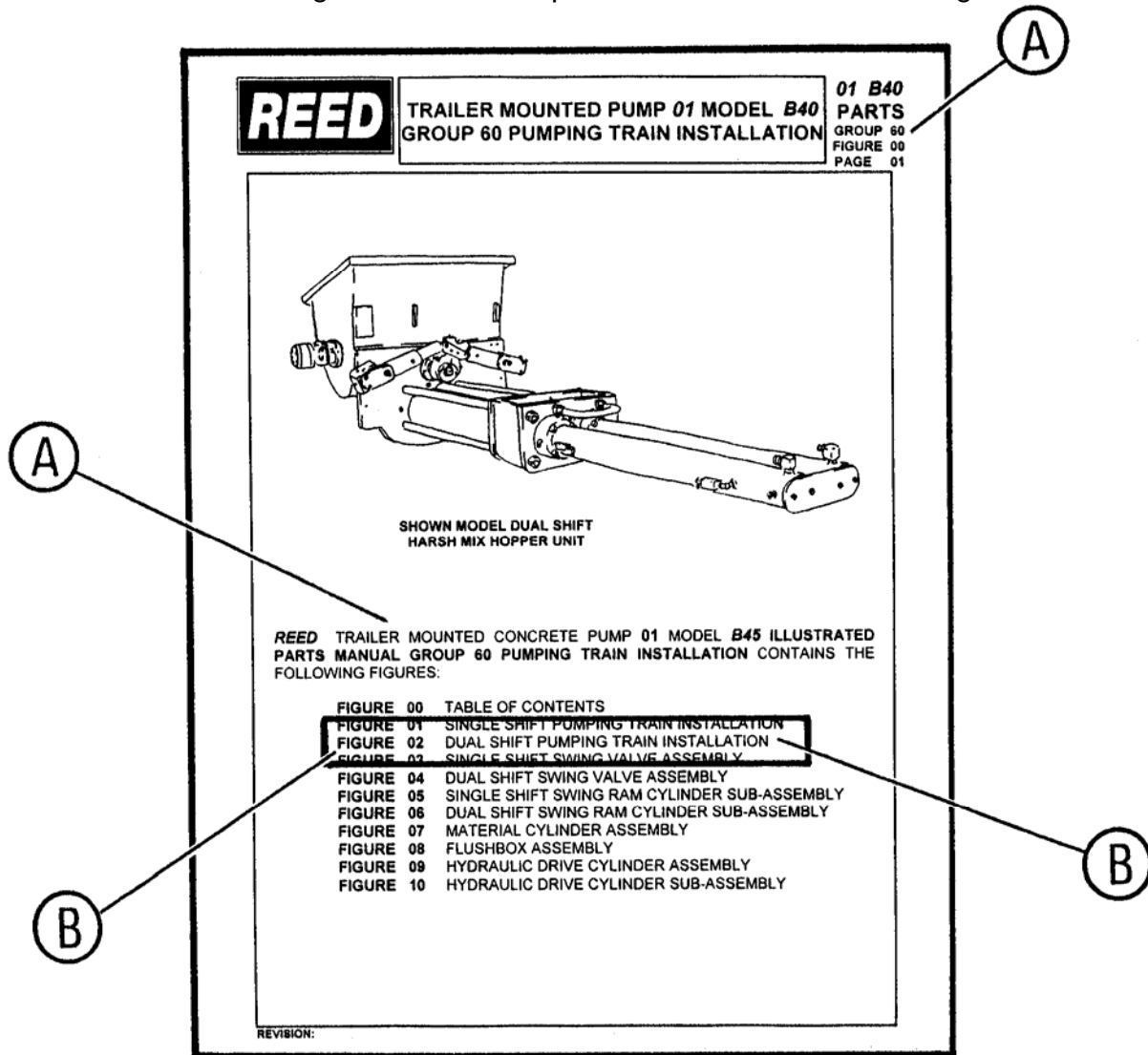
- A. Reference (**REF**) indicates the items that is listed previously in the Next Higher Assembly (**NHA**) and then again in this figure.
- B. As Required (**A/R**) indicates the parts that is used in a quantity as required.
- C. A number entry indicates the quantity of the part used in its next higher 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 **05** model **B70**. (Refer to each unit name plate shown below). NOTE: This manual is being released to cover unit starting with serial number **3-08-1-2864** 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 13822 OAKS AVENUE CHINO, CA 91710 USA		PHONE (909) 287 - 2100 FAX (909) 287 - 2140	
MODEL		SERIAL NO	
MATERIAL PRESSURE		PSI	
HYDRAULIC PRESSURE		PSI	
ENGINE / PTO ELECTRIC MOTOR		RPM	
PN 96636			

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.
 - B. Find title of figure in which the part should be shown. Note figure number.



REED **DUAL SHIFT SWING VALVE ASSEMBLY** 01 B40 PARTS GROUP 80 FIGURE 04 PAGE 01

HOPPER REF (STANDARD P/N: 86107) (HARSH MIX P/N: 86032)

SWING RAM HOUSE REF (RH P/N: 85941) (LH P/N: 85942)

HOPPER REF (STANDARD P/N: 86107) (HARSH MIX P/N: 86032)

REVISION:

REED **DUAL SHIFT SWING VALVE ASSEMBLY** 01 B40 PARTS GROUP 80 FIGURE 04 PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
-1	60-04	Assembly, Dual Shift Swing Valve (See Group 80, Figure 02 for NHA)	Ref
-2	86321	• Assembly, Outlet Group	1
3		• • Nut	6
4	72482	• • Outlet, Machine 5"	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, Guide	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	1
21	72310	• • Ring, 6 Inch Single Lip Wear	1
22	86031	• • Plate, Wear	1
23	86086	• • Ring, Anti Chip	2
24		• • Bolt, Flat Head	4
25		• • Washer, Lock	4
26		• • Nut, Hex	4
27		• • Bolt, Hex	6
28		• • Washer, Lock	6
29	85962	• • Seal, Flange Bearing	1
30		• • Pin, Dowel	1
31		• • Fitting, Grease 90	2
32	86193	• • Bearing, 3 Inch Spine Flange	1
33	85294	• • Washer, Thrust	1
34	86184	• • Spacer, Swing Tube Non	1
35	70625	• • Nut, Swing Tube	1
36		• • Pin, Cotter	1
-37	86320	• Assembly, Swing Tube Dual Shift Group	1
38		• • Plug, Pipe	4
39	86082	• • Pin, Spring	4
40		• • Fitting, Grease 90	2
41	86441	• • Retainer, Swing Ram	2

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

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.



TRAILER MOUNTED PUMP MODEL **B70** HOW TO ORDER PARTS

B70
PARTS
GROUP 00
FIGURE 02
PAGE 03

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 FedEx and DHL are available in designated areas.

5. TO ORDER

A. BY MAIL

Attention: Parts Department

REED

13822 Oaks Avenue
Chino, CA. 91710

B. BY FAX

(909) 287 - 2141

C. BY PHONE

(909) 287 - 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.

REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 10 FINAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

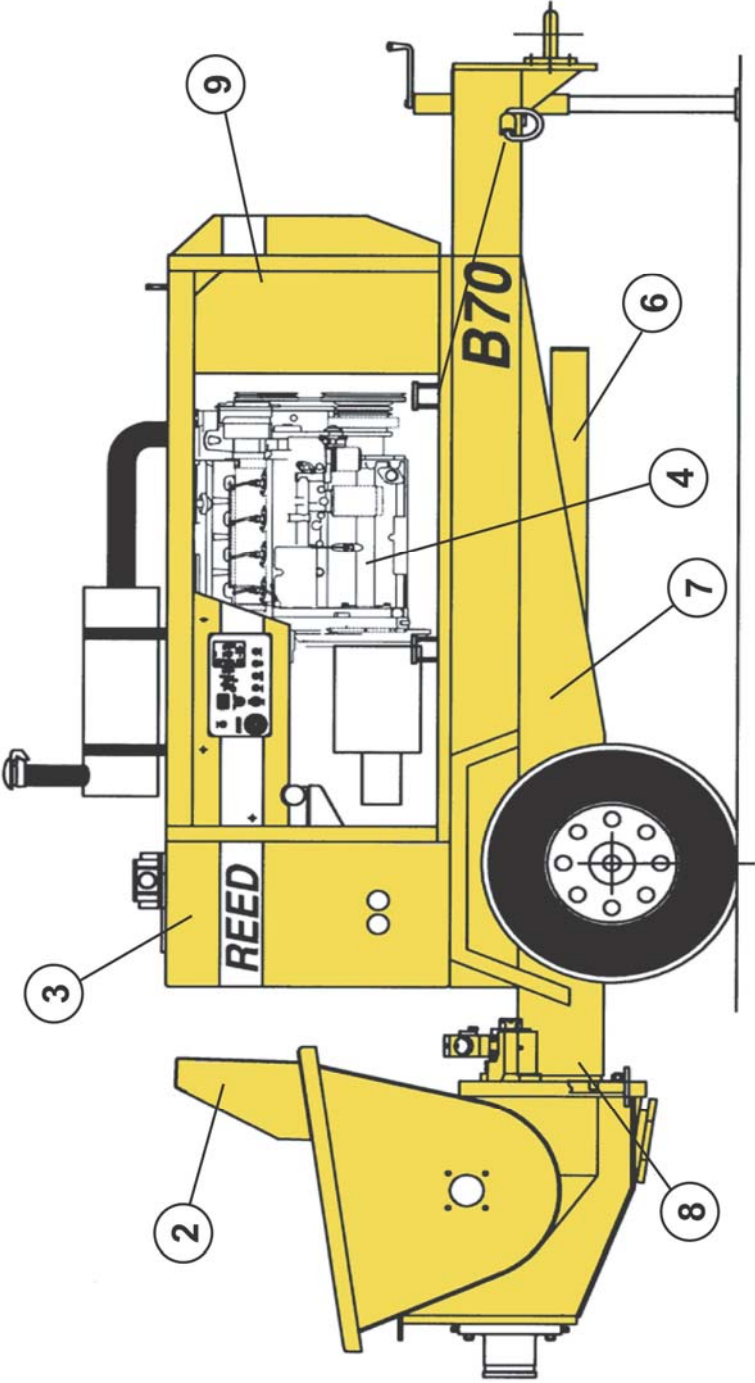
- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** HARSH MIX HOPPER WITH DUAL SHIFT INSTALLATION
- FIGURE 02** HARSH MIX HOPPER WITH DUAL SHIFT INSTALLATION-HP
- FIGURE 03** DECAL ASSEMBLY





HARSH MIX HOPPER WITH
DUAL SHIFT FINAL INSTALLATION

B70
PARTS
GROUP 10
FIGURE 01
PAGE 01



ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	B70D-V05	Installation, B70 Harsh Mix Hopper with Dual Shift Final	Ref
2	20-01	• Installation, Harsh Mix 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	60-02	• Installation, Dual Shift Pumping Train (See Group 60, Figure 02 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	10-05	• Kit, B70 Decal (See Group 10, Figure 05 for DET)	1

REVISION:



HARSH MIX HOPPER WITH DUAL SHIFT FINAL INSTALLATION-HP

B70
PARTS
GROUP 10
FIGURE 02
PAGE 02

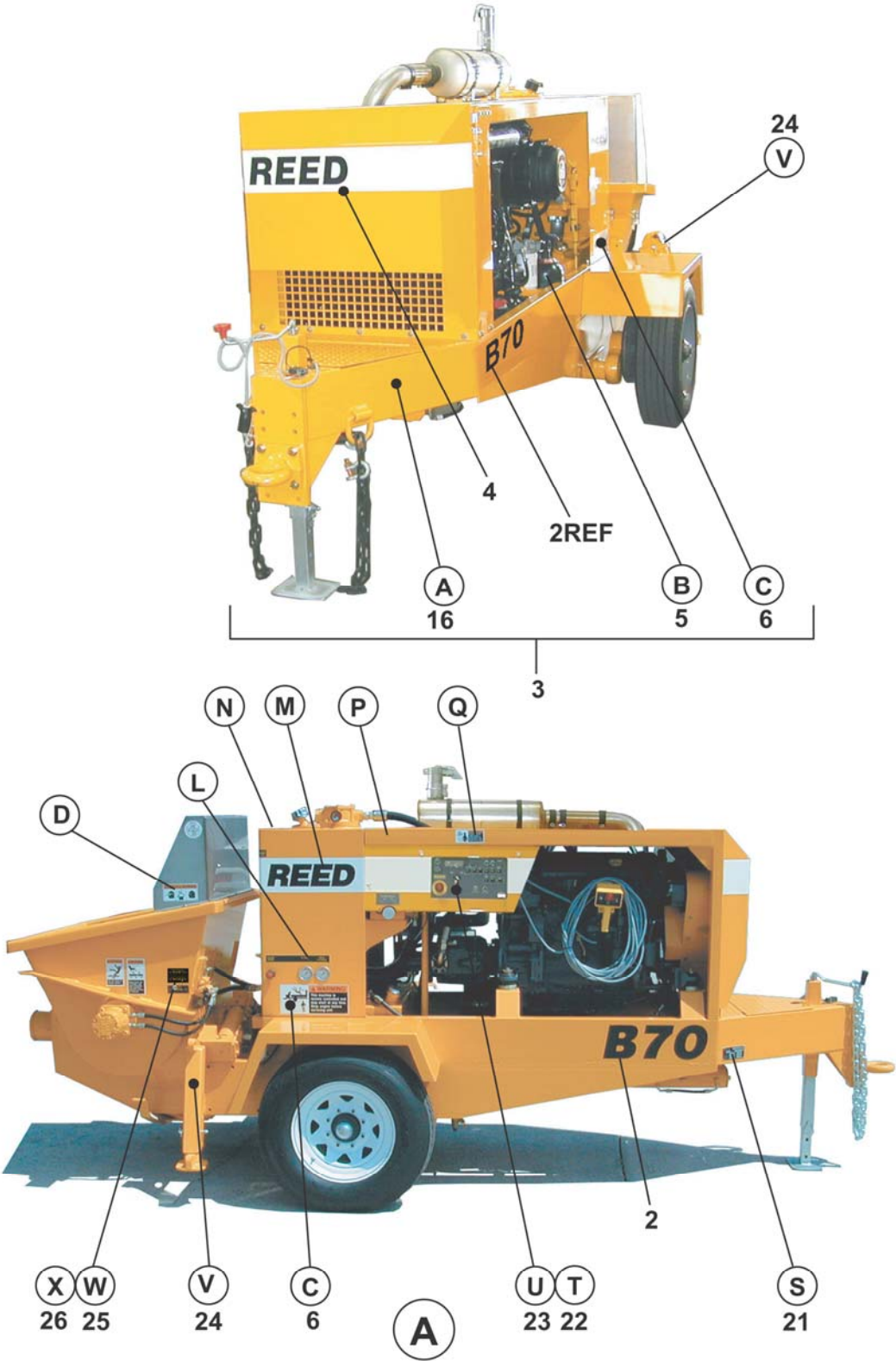
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	B70HPD-V00	Installation, B70 Standard Hopper with Dual Shift Final	Ref
2	20-01	• Installation, Harsh Mix Hopper (See Group 20, Figure 01 for DET)	1
3	30-01	• Installation, Tank (See Group 30, Figure 01 for DET)	1
4	40-01	• Installation, Power Train (See Group 40, Figure 01 for DET)	1
5	50-01	• Installation, Control (See Group 50, Figure 01 for DET)	1
6	60-02	• Installation, Dual Shift Pumping Train (See Group 60, Figure 02 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	10-05	• Kit, B70 Decal (See Group 10, Figure 05 for DET)	1

REVISION:



DECAL ASSEMBLY

B70
PARTS
GROUP 10
FIGURE 03
PAGE 01





ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10-02	Kit, B70 Decal (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	86049	• Decal, B70 6 Inch Black	2
3	85425	• 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	800931	• • Decal, ACPA Member	1
12	800929A	• • Decal, Warning	2
13	800917	• • Decal, Warning, Keep Hand Out of Hopper and Valve	2
14	800918	• • Decal, Warning, Do Not Stand on Hopper Grate	2
15	85684	• • Decal, B-Series Gauge	1
16	85844	• • Decal, Oil	1
17	75020	• • Decal, Hydraulic Oil	1
18	85413	• • Decal, Volume Control	1
19	800926	• • Decal, Warning, Do Not Operate This Machine without	1
20	75017	• • Decal, Diesel Fuel Only	1
21	86636	• • Nameplate, REED , Serial No.	1
22	NPN	• Decal, B70 Control Box Panel	1
23	NPN	• Decal, B70 Remote Control	1
24	800919	• Decal, Optional, Warning, Stand Clear Outriggers When	2
25	85845	• Decal, Outriggers (Optional Items)	1
26	85846	• Decal, Agitator (Optional Items)	1
-27	803225	• Decal, Warning, Leaks Hazard	2
-28	803226	• Decal, How To Order	1
-29	803229	• Decal, CPMA	1
-30	803231	• Decal, Toxic Dust	2
-31	803235	• Decal, 1-7 Operator Signals	1
-32	803237	• Decal, Pressurized Pipes	2
		DASH (-) ITEM NOT ILLUSTRATED	



DECAL ASSEMBLY

B70
PARTS
GROUP 10
FIGURE 03
PAGE 03



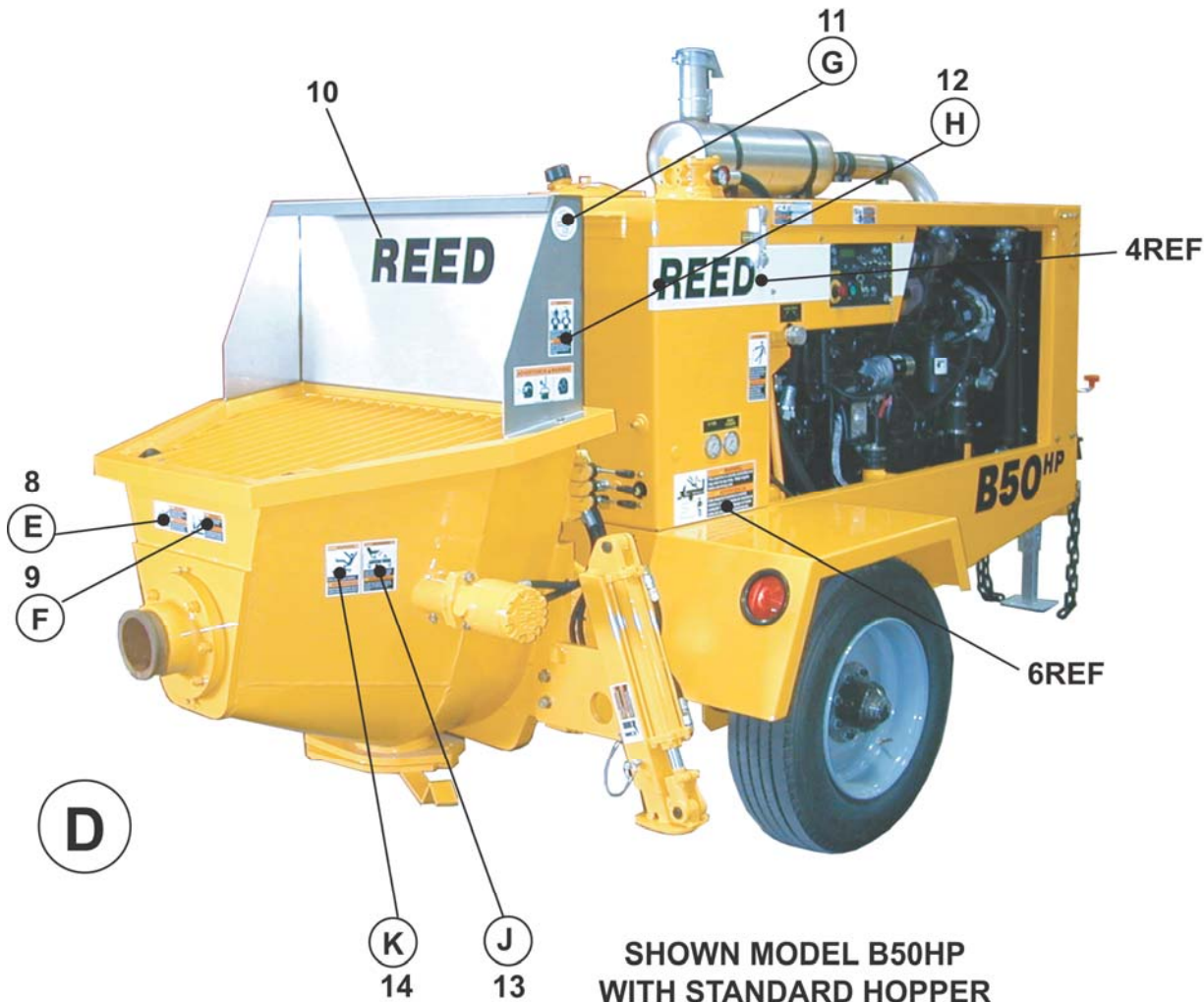
⚠ WARNING

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

⚠ ADVERTENCIA

Esta máquina funciona a control remoto y puede ponerse en marcha en cualquier momento. Apagar el motor antes de realizar el mantenimiento.

6
C





⚠ WARNING

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

⚠ ADVERTENCIA

Alivie la presión antes de destapar una tubería bloqueada, invirtiendo para ello la bomba. Vea el manual.

8

(E)

Do not paint over this label/No pintar encima de ésta etiqueta 800922

9



⚠ WARNING

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

⚠ ADVERTENCIA

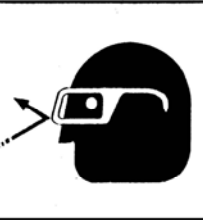
No utilizar a presiones que excedan la presión nominal de todo el material de la línea de entrega.

(F)

Do not paint over this label/No pintar encima de ésta etiqueta 800921



CUIDADO ⚠ WARNING





12

(H)



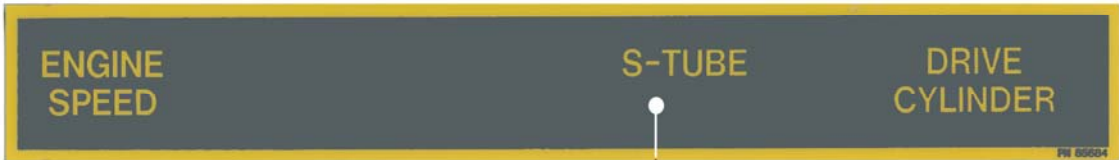
J

13



K

14



L

15



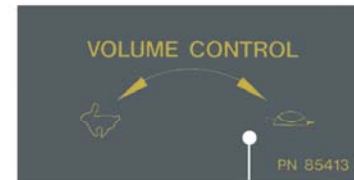
M

16

HYDRAULIC OIL

(N)

17



(P)

18



(Q)

19

**DIESEL FUEL
ONLY**

(R)

20

REED 13822 OAKS AVENUE CHINO, CA 91710 USA		PHONE (909)287-2100 FAX (909)287-2140	
MODEL		SERIAL NO.	
MATERIAL PRESSURE		PSI	BAR
HYDRAULIC PRESSURE		PSI	BAR
ENGINE / PTO ELECTRIC MOTOR		RPM	VOLTS
VEHICLE WEIGHT (APPROX.)		LBS	KG

PN 86636

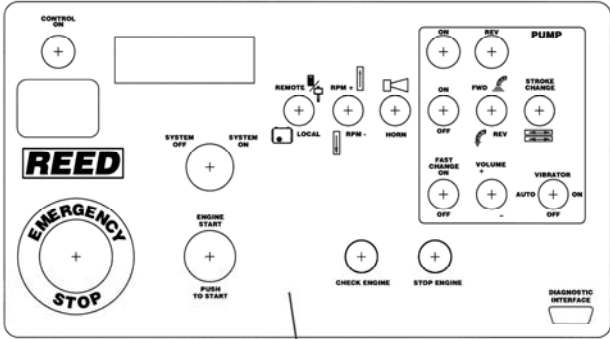
(S)

21

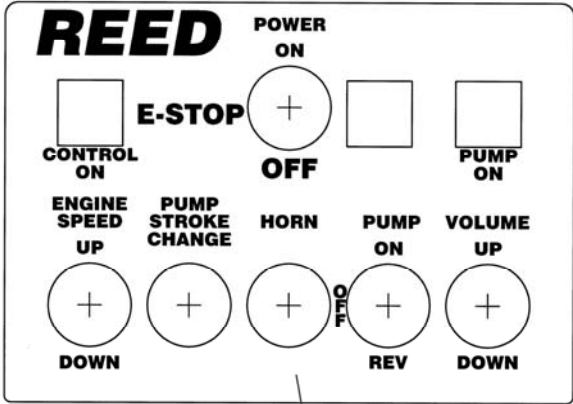


DECAL ASSEMBLY

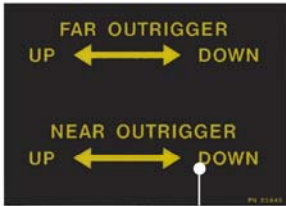
B70
PARTS
GROUP 10
FIGURE 03
PAGE 07



T 22



U 23



W 25



V 24



X 26



27

28



Do not paint over this label/No pintar encima de esta etiqueta

803226



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Do not paint over this label/No pintar encima de esta etiqueta

803225



32



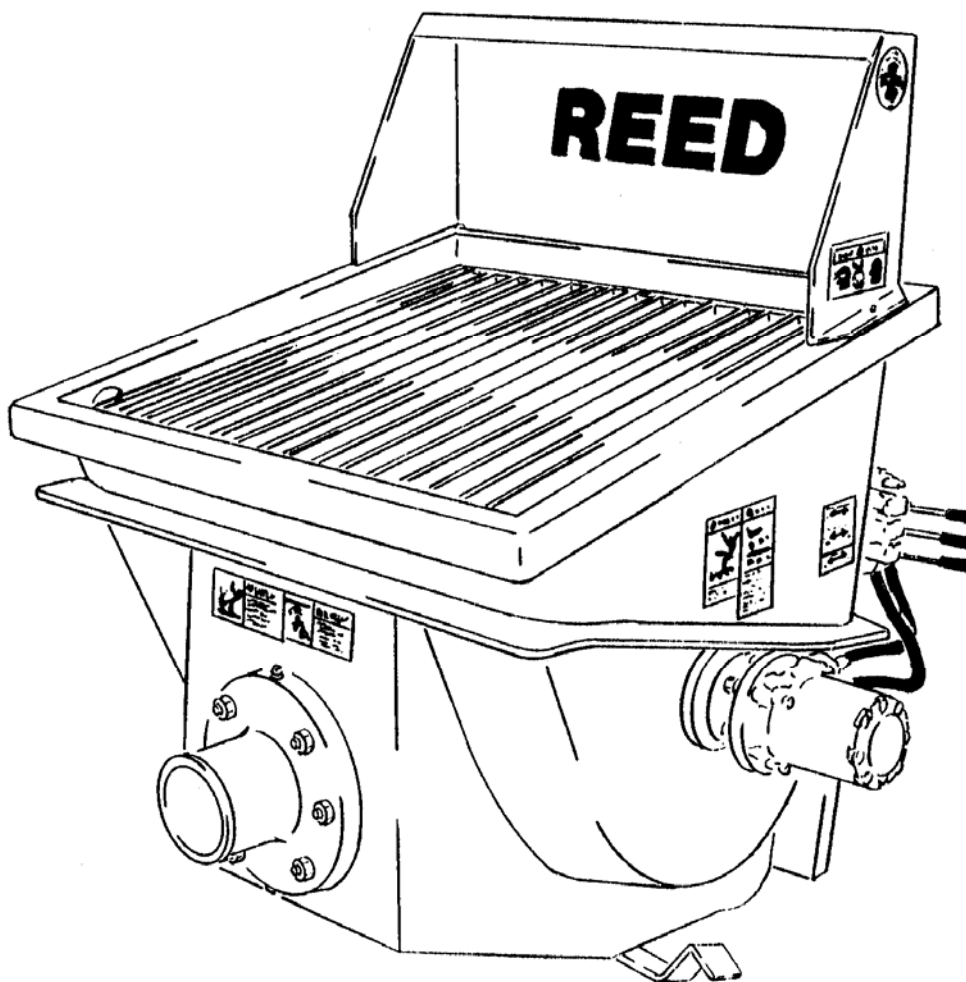
TRAILER MOUNTED PUMP MODEL *B70*
GROUP 10 FINAL INSTALLATION

B70
PARTS
GROUP 10
FIGURE 04
PAGE 01

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REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 20 HOPPER INSTALLATION CONTAINS THE FOLLOWING FIGURES:

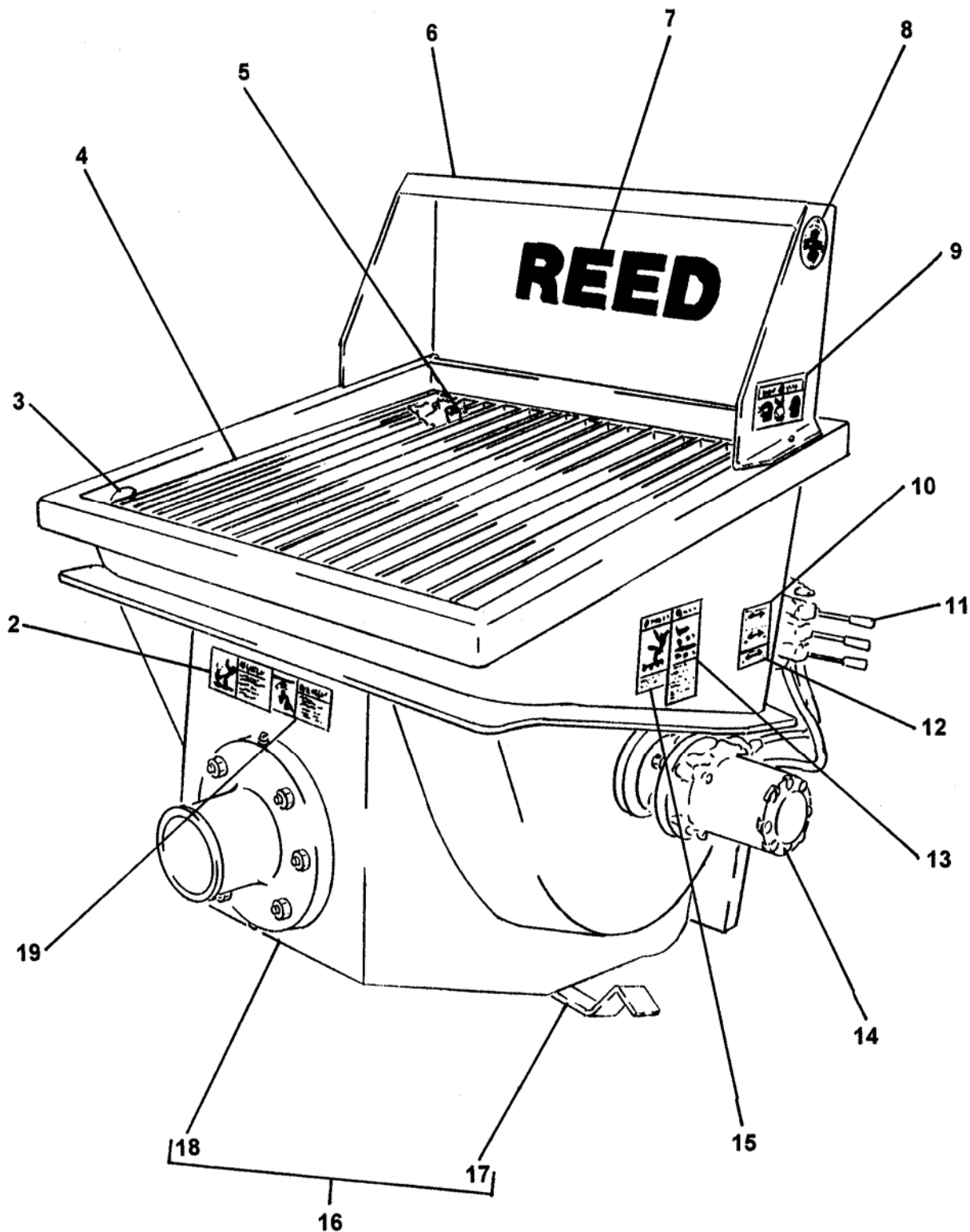
- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** HARSH MIX HOPPER INSTALLATION
- FIGURE 02** HOPPER CLEAN OUT DOOR ASSEMBLY
- FIGURE 03** HARSH MIX HOPPER AGITATOR ASSEMBLY
- FIGURE 04** HARSH MIX HOPPER AGITATOR MOTOR ASSEMBLY
- FIGURE 05** 3 SPOOL CONTROL VALVE ASSEMBLY
- FIGURE 06** 3 SPOOL CONTROL VALVE SUB-ASSEMBLY





HARSH MIX
HOPPER INSTALLATION

B70
PARTS
GROUP 20
FIGURE 01
PAGE 01



ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-01	Installation, Harsh Mix Hopper (See Group 10, Figure 01for NHA)	Ref
2	800922	• Decal, Warning, Before Opening a Blocked Pipeline,	1
3	86118	• Mount, Hopper Grate	2
4	85982	• Grate, Harsh Mix Hopper	1
5	86083	• Bumper, Hopper Grate	2
6	86084	• Weldment, Splash Guard	1
7	73132	• Decal, REED 4 1/2 Inch	1
8	800931	• Decal, ACPA Member	1
9	800929A	• Decal, Warning	2
10	85845	• Decal, Outriggers (Optional Items)	1
11	20-05	• Assembly, 3 Spool Control Valve (See Group 20, Figure 05 for DET)	1
12	85846	• Decal, Agitator	1
13	800917	• Decal, Warning, Keep Hand Out of Hopper and Valve	2
14	86323	• Assembly, Harsh Mix Hopper Agitator (See Group 20, Figure 05 for DET)	1
15	800918	• Decal, Warning, Do Not Stand on Hopper Grate	2
16	86316	• Hopper Group- 7 Inch Harsh Mix	1
17	86542	• • Assembly, Clean Out Door (See Group 20, Figure 03 for DET)	1
18	85840	• • Weldment, Harsh Mix Hopper	1
19	800921	• Decal, Warning, Do Not Operate at Pressures Exceeding	1

REVISION:



HOPPER CLEAN OUT DOOR ASSEMBLY (ROUNDED)

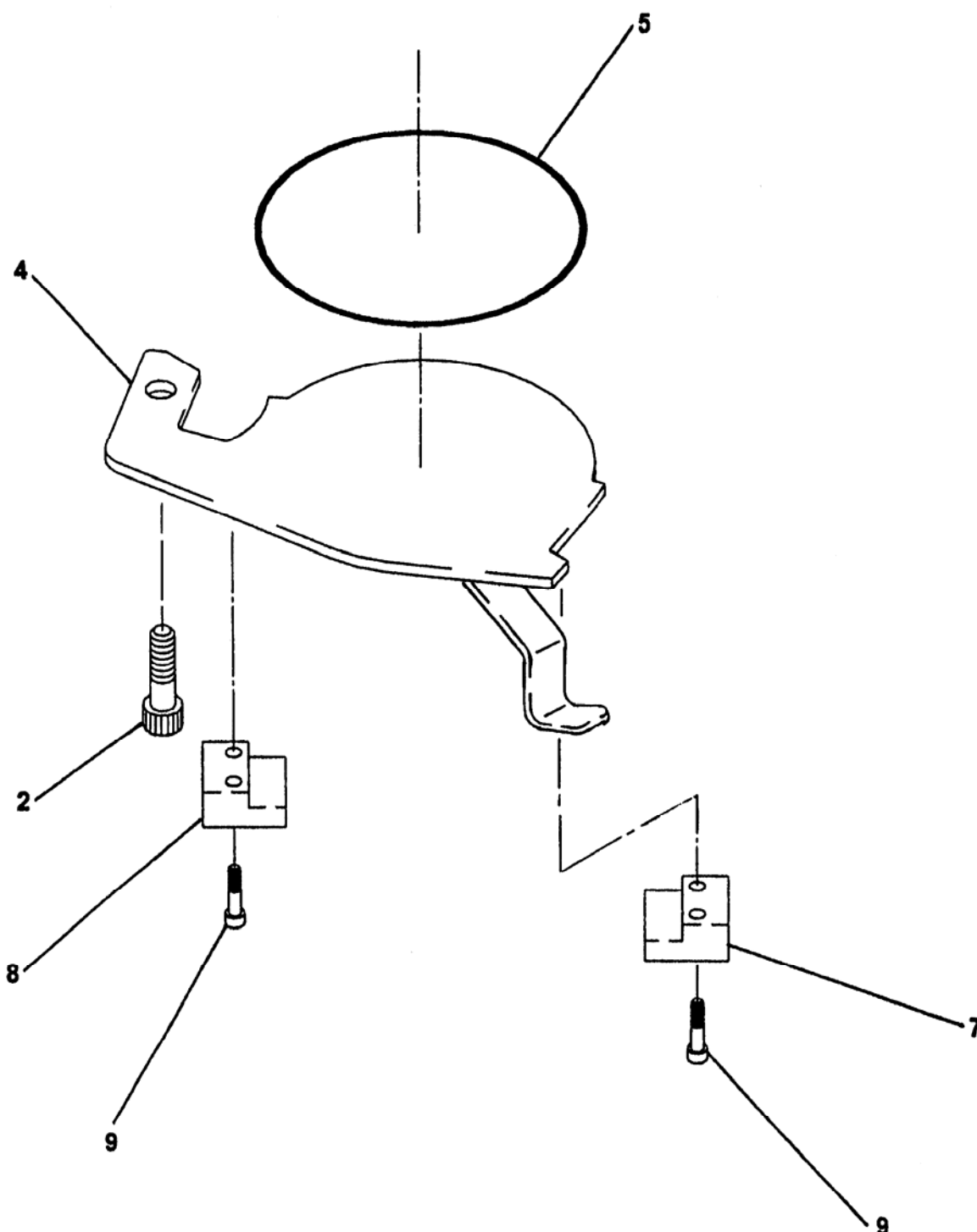
B70

PARTS

GROUP 20

FIGURE 02

PAGE 01



REVISION:



HOPPER CLEAN OUT DOOR ASSEMBLY (ROUNDED)

B70
PARTS
GROUP 20
FIGURE 02
PAGE 02

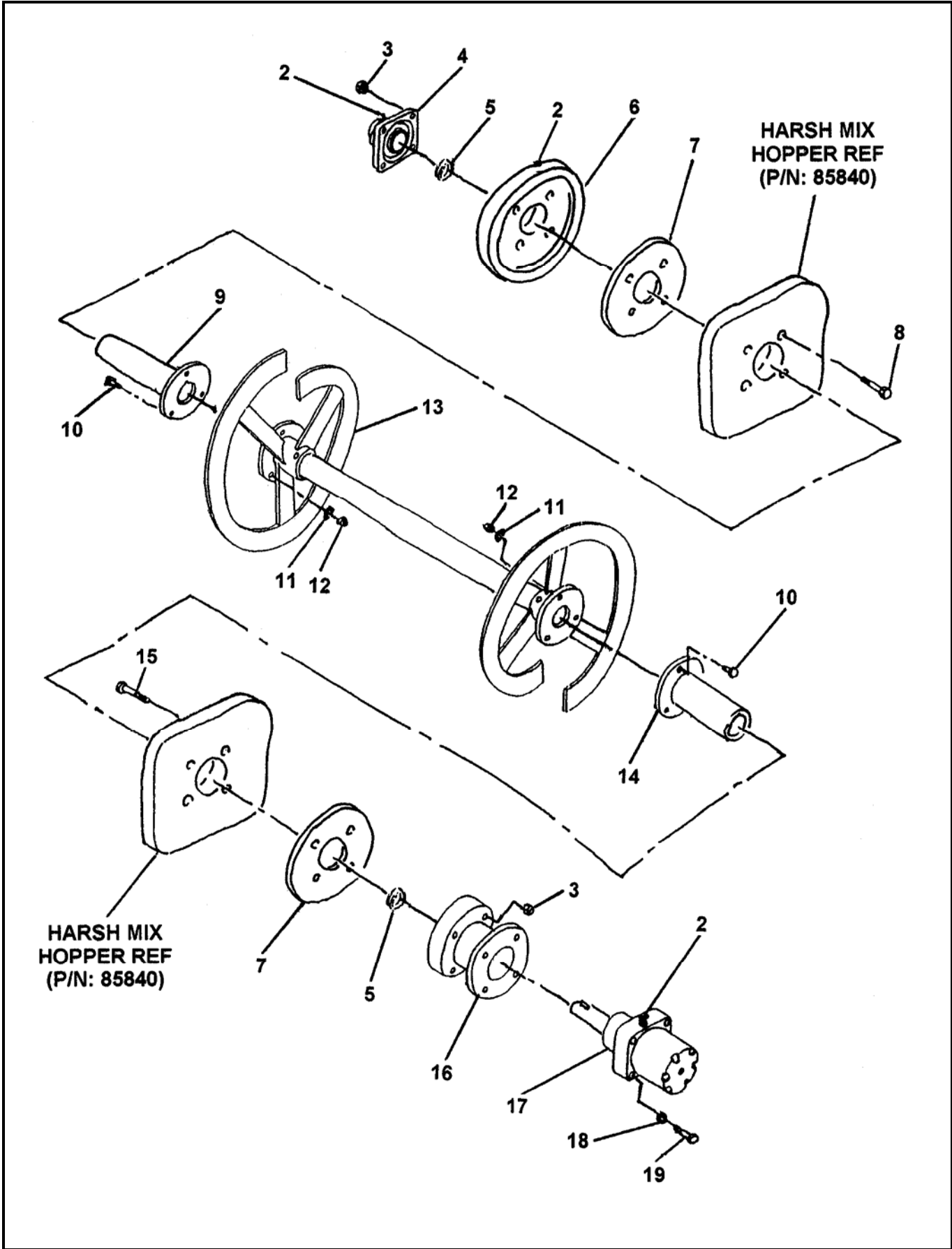
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86542	Assembly, Rounded Clean Out Door (See Group 20, Figure 01 and Figure 02 for NHA)	Ref
2	86922	• Bolt, Shoulder	1
3	-	• OPEN	-
4	86988	• Door, Weldment Clean-Out	1
5	W-102908A	• Cord, Hopper Door O-Ring 2.21 FT	1
6	-	• OPEN	-
7	86560	• Block, RH Clean Out Door	1
8	86559	• Block, LH Clean Out Door	1
9		• Capscrew, Socket Head	4
-10	85312	• Plate, Seal	1
-11	85371	• Neck, Clean Out Door	1

REVISION:



HARSH MIX HOPPER
AGITATOR ASSEMBLY

B70
PARTS
GROUP 20
FIGURE 03
PAGE 01



REVISION:

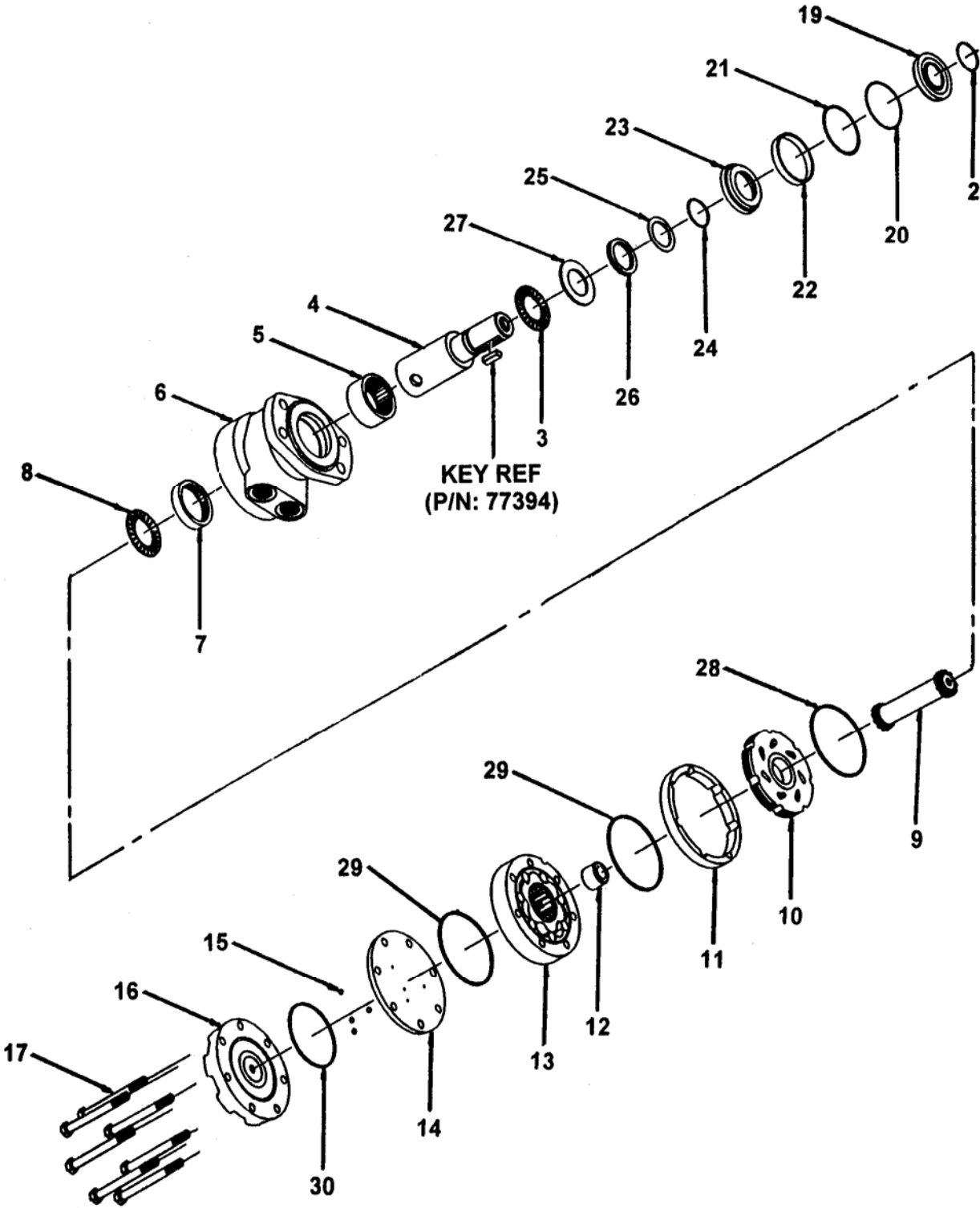
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86323	Assembly, Harsh Mix Hopper Agitator (See Group 20, Figure 01 for NHA)	Ref
2		• Fitting, Grease 90	3
3		• Nut, Nylock	8
4	86067	• Bearing, Flange	1
5	86074	• Seal, Poly	2
6	86069	• Flange, Agitator Bearing	2
7	77512	• Seal, Auger (Bearing Side)	2
8		• Bolt, Hex	4
9	86066	• Shaft, Agitator Idler	1
10		• Bolt, Hex	6
11		• Washer, Lock	6
12		• Nut, Hex	6
13	86087	• Weldment, Agitator Shaft	1
14	86062	• Shaft, Agitator Drive	1
15		• Bolt, Hex	4
16	86070	• Flange, Motor	1
17	85809	• Assembly, Harsh Mix Hopper Agitator Motor (See Group 20, Figure 04 for DET)	1
18		• Washer, Lock (attaching Parts)	4
19		• Bolt, Coarse (attaching Parts)	4

DASH (-) ITEM NOT ILLUSTRATED



HARSH MIX HOPPER
AGITATOR MOTOR ASSEMBLY

B70
PARTS
GROUP 20
FIGURE 04
PAGE 01



**HARSH MIX HOPPER
AGITATOR MOTOR ASSEMBLY**

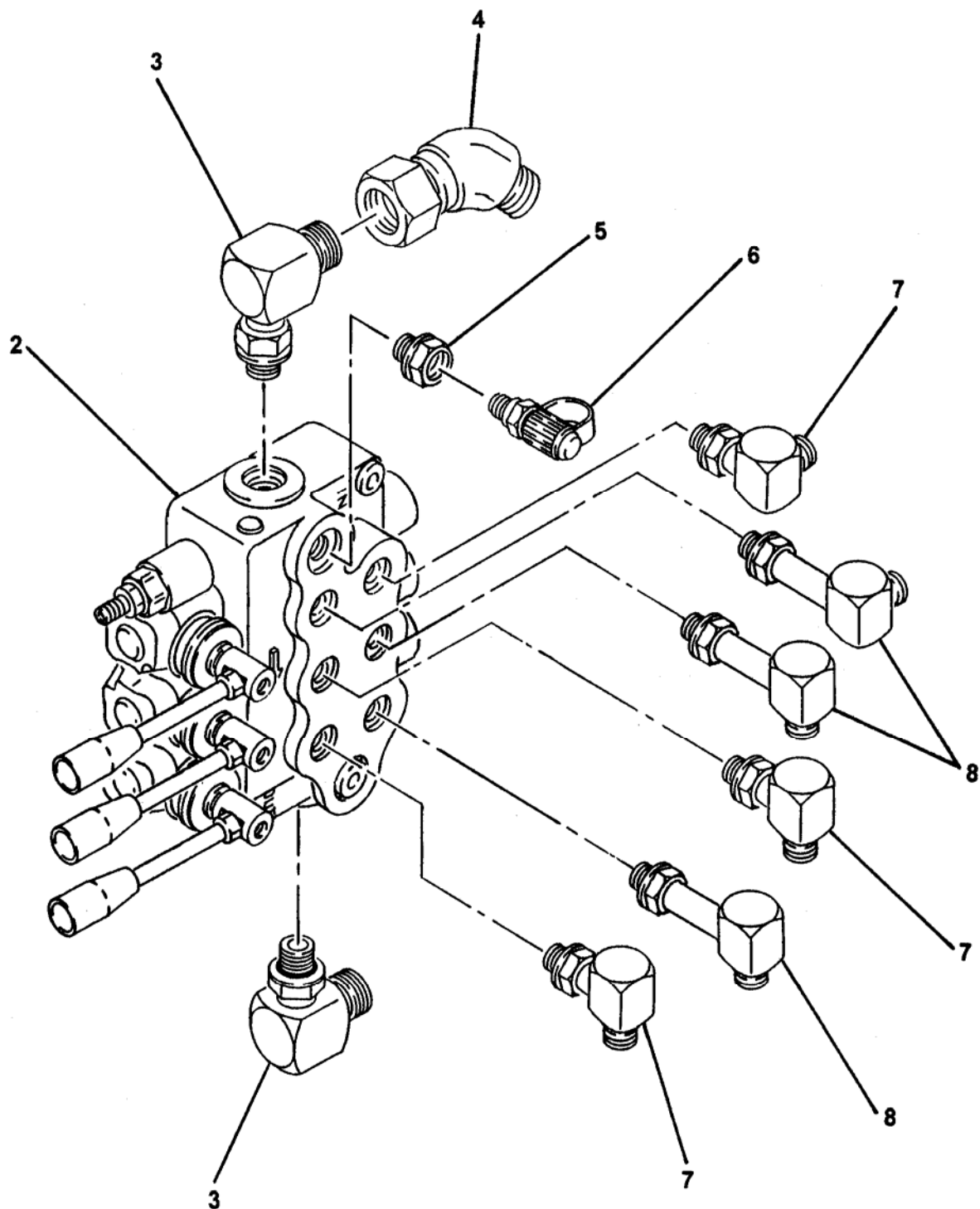
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85809	Assembly, Harsh Mix Hopper Agitator Motor (See Group 20, Figure 03 for NHA)	Ref
2		• Ring, Wire	1
3		• Bearing, Front Thrust	1
4		• Kit, Shaft	1
5		• Bearing, Front Housing	1
6		• Kit, Housing	1
7		• Bearing, Rear Housing	1
8		• Bearing, 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	85809SK	• Kit, 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	1
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



3 SPOOL CONTROL VALVE ASSEMBLY

B70
PARTS
GROUP 20
FIGURE 05
PAGE 01





3 SPOOL CONTROL VALVE ASSEMBLY

B70
PARTS
GROUP 20
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-05	Assembly, 3 Spool Control Valve (See Group 20, Figure 01 for NHA)	Ref
2	74471	• Sub-Assembly, Agitator Control Valve (See Group 20, Figure 06 for DET)	1
3		• Fitting, 90	2
4		• Swivel, 45	1
5		• Reducer, 8-6	1
6	800083	• Fitting, Mini Check (Port)	1
7		• Fitting, 90	3
8		• Fitting, 90	3
-9		• Bolt, Hex	2
-10		• Washer, SPL Lock	2

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

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**3 SPOOL CONTROL
VALVE SUB-ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74471	Sub-Assembly, 3 Spool Control Valve (See Group 20, Figure 05for NHA)	Ref
2	85706	• Cartridge, Relief	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
22		• Body, Valve	1

DASH (-) ITEM NOT ILLUSTRATED



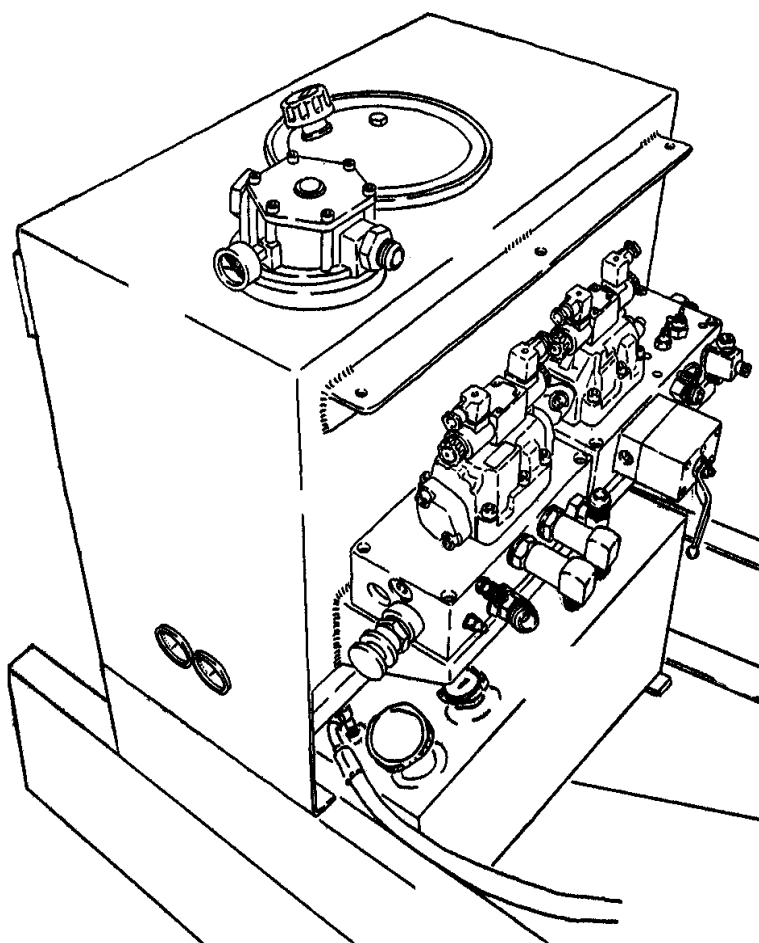
TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL

B70
PARTS
GROUP 20
FIGURE 07
PAGE 01

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REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 30 HYDRAULIC TANK INSTALLATION CONTAINS THE FOLLOWING FIGURES:

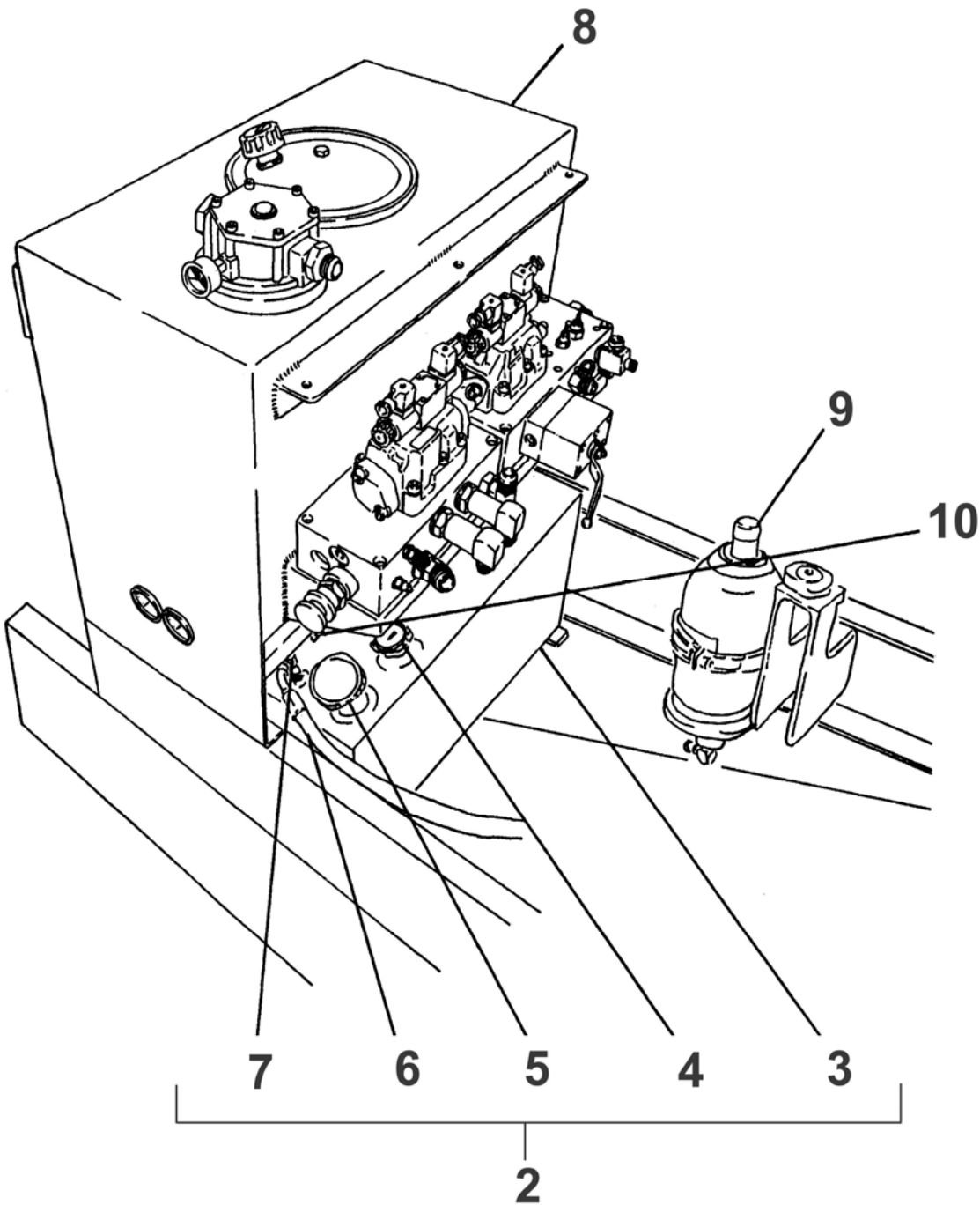
FIGURE 00	TABLE OF CONTENTS
FIGURE 01	TANK INSTALLATION
FIGURE 02	HYDRAULIC TANK ASSEMBLY
FIGURE 03	SWING TUBE CIRCUIT MANIFOLD ASSEMBLY
FIGURE 04	SWING TUBE CIRCUIT MAIN SOLENOID VALVE ASSEMBLY
FIGURE 05	SWING TUBE CIRCUIT PILOT SOLENOID VALVE ASSEMBLY
FIGURE 06	BALL VALVE ASSEMBLY
FIGURE 07	DRIVE CYLINDER CIRCUIT MANIFOLD ASSEMBLY
FIGURE 08	DRIVE CYLINDER CIRCUIT MAIN SOLENOID VALVE ASSEMBLY
FIGURE 09	DRIVE CYLINDER CIRCUIT PILOT SOLENOID VALVE ASSEMBLY
FIGURE 10	ACCUMULATOR ASSEMBLY
FIGURE 11	ACCUMULATOR BLADDER REPAIR KIT





TANK INSTALLATION

B70
PARTS
GROUP 30
FIGURE 01
PAGE 01



(NOTE: FUEL CAP & GAUGE ACTUALLY ON OPPOSITE SIDE)

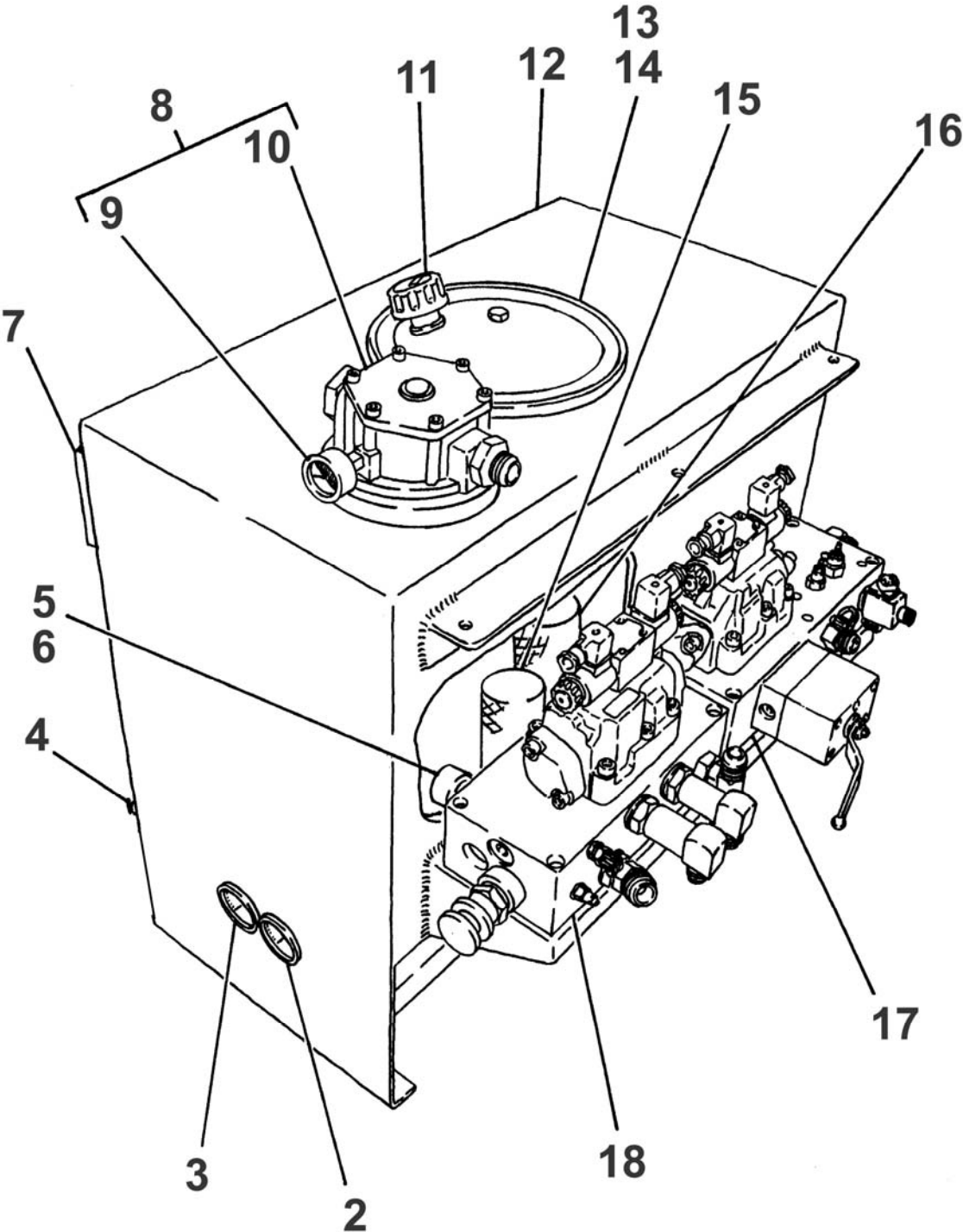
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-01	Installation, Tank (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	85363	• Assembly, Fuel Tank	1
3	85111	• • Weldment, Fuel Tank	1
4	85569	• • Gauge, Fuel	1
5	85570	• • Cap, Fuel	1
6	85362	• • Assembly, Fuel Pick Up Tube	2
7		• • Elbow, 90	2
8	85361	• Assembly, Hydraulic Tank (See Group 30, Figure 02 for DET)	1
9	30-10	• Assembly, Accumulator (See Group 30, Figure 10 for DET)	1
10	85815	• Valve, Solenoid	1
-11	85701	• • Cartridge, Solenoid Valve	1
-12	85702	• • Coil, 12 VDC	1
-13	74716	• Hose, 6 Feet Fuel	1
-14	10577	• Clamp, Fuel Hose	2
-15	86365	• Kit, Hose (See SCHEMATIC Section, Page 05 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED



HYDRAULIC TANK ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 02
PAGE 01



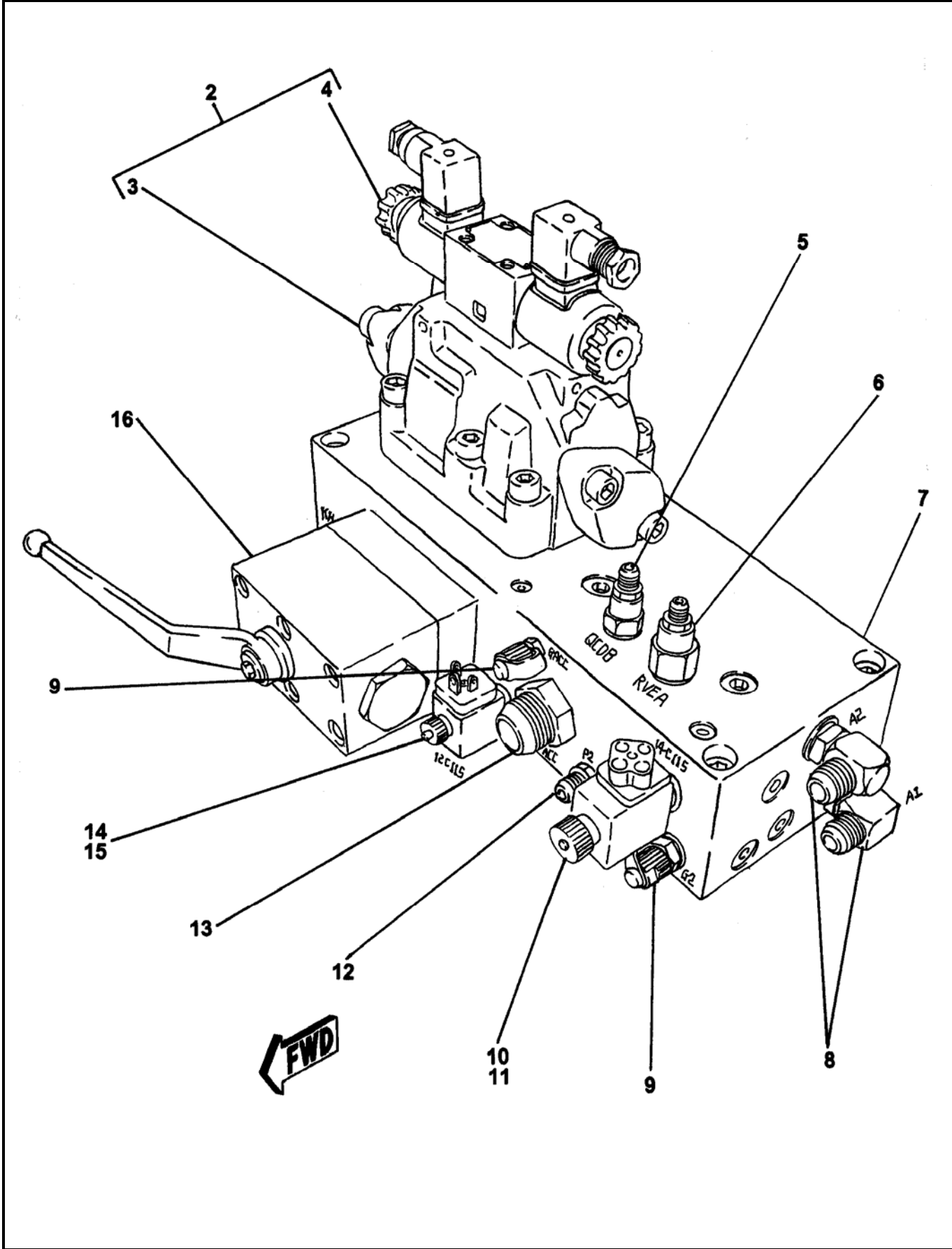
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85361	Assembly, Hydraulic Tank (See Group 30, Figure 01 for NHA)	Ref
2	70366	• Gauge, 3,000 PSI Hydraulic	1
3	74562	• Gauge, 6,000 PSI Hydraulic	1
4	801025	• Cock, Drain	1
5	85574	• Valve, 2 Inch Check	1
6	10981	• Nipple, 2 Inch	1
7	74509	• Gauge, 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	85102	• Weldment, Hydraulic Tank	1
13	85824	• • End Cover, Hydraulic Tank	1
14	85867	• • Gasket, End Cover	1
15	79247	• Separator, Magnetic	1
16	800230	• Separator, Magnetic	1
17	85249	• Assembly, Swing Tube Circuit Manifold (See Group 30, Figure 03 for DET)	1
18	85248	• Assembly, Drive Cylinder Circuit Manifold (See Group 30, Figure 07 for DET)	1
-19	78598	• Plug, Hoffman	A/R

DASH (-) ITEM NOT ILLUSTRATED



SWING TUBE
CIRCUIT MANIFOLD ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 03
PAGE 01



REVISION:

**SWING TUBE
CIRCUIT MANIFOLD ASSEMBLY**

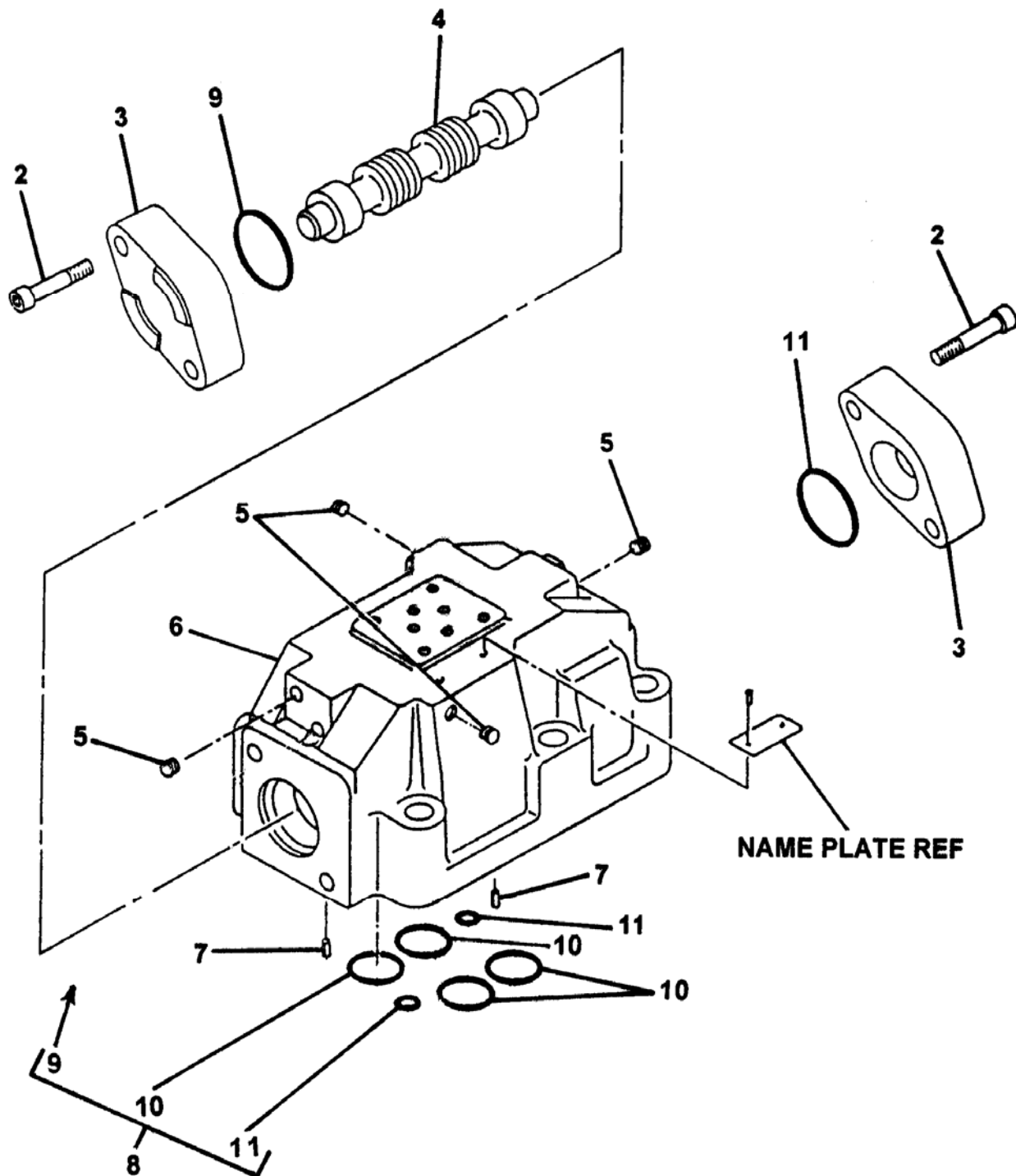
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85249	Assembly, Swing Tube Circuit Manifold (See Group 30, Figure 02 for NHA)	Ref
2	85693	• Assembly, Swing Tube Circuit Solenoid Valve	1
3	85694	• • Assembly, Swing Tube Circuit Main Solenoid Valve (See Group 30, Figure 04 for DET)	1
4	85695	• • Assembly, Swing Tube Circuit Pilot Solenoid Valve (See Group 30, Figure 05 for DET)	1
5	85704	• Cartridge, Unloader Valve	1
-5A	85704SK	• • Kit, Unloader Valve Cartridge Seal	1
6	85703	• Cartridge, Relief Valve	1
-6A	85703SK	• • Kit, Relief Valve Cartridge Seal	1
7		• 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 06 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED



SWING TUBE CIRCUIT MAIN SOLENOID VALVE ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 04
PAGE 01



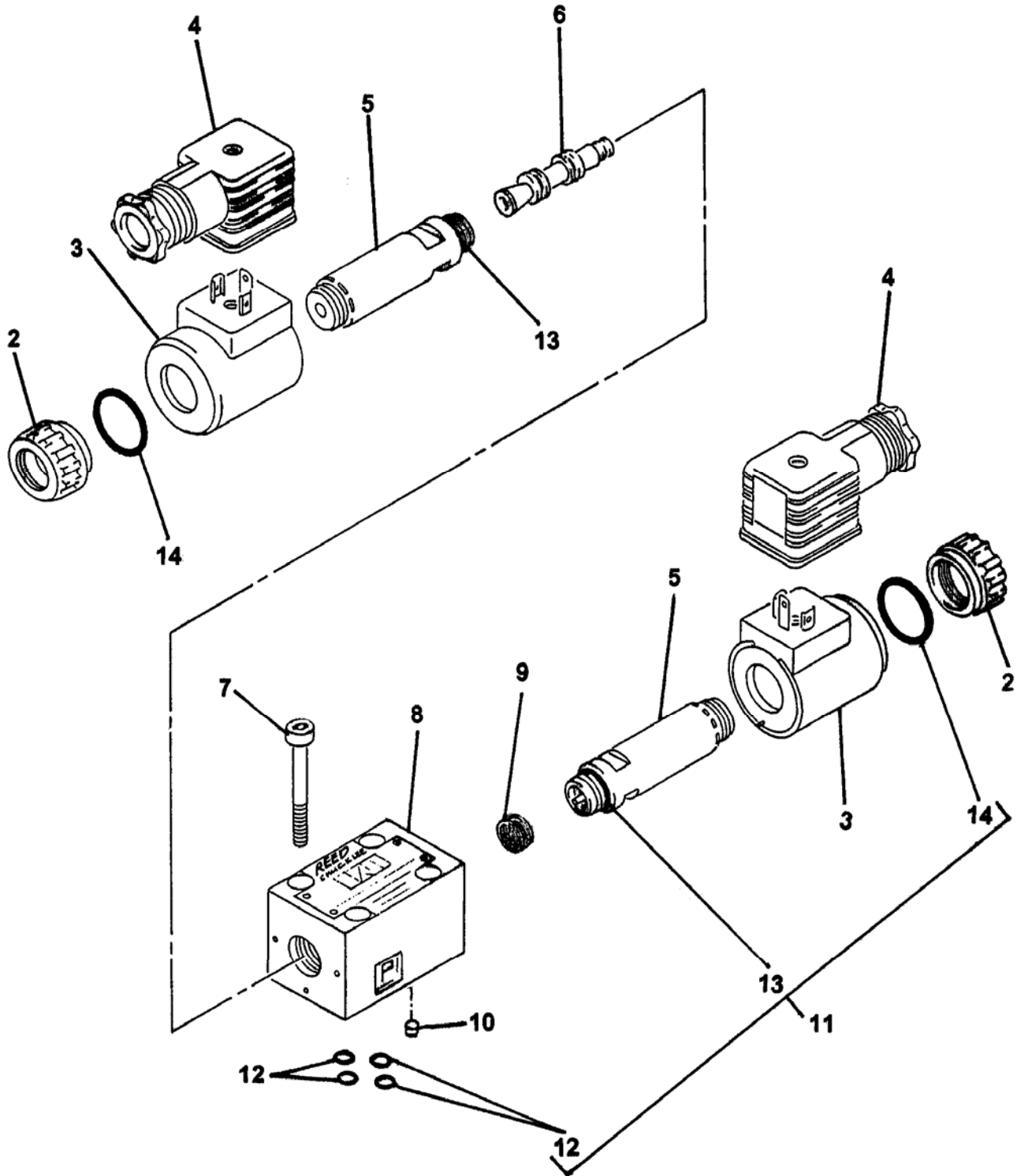
**SWING TUBE CIRCUIT
MAIN SOLENOID VALVE ASSEMBLY**

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 03 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

SWING TUBE CIRCUIT PILOT SOLENOID VALVE ASSEMBLY

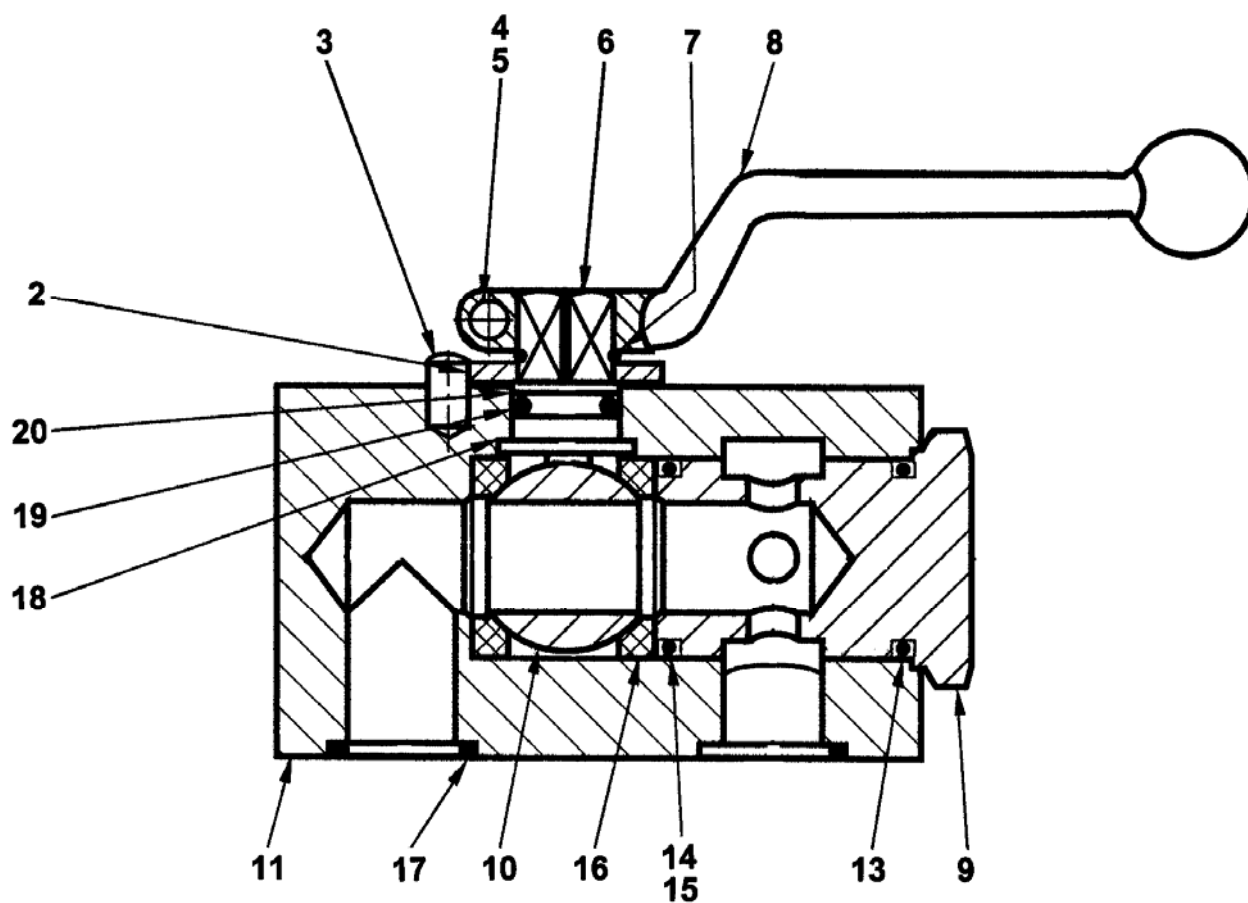
B70
PARTS
GROUP 30
FIGURE 05
PAGE 01



**SWING TUBE CIRCUIT
PILOT SOLENOID VALVE ASSEMBLY**

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 03 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



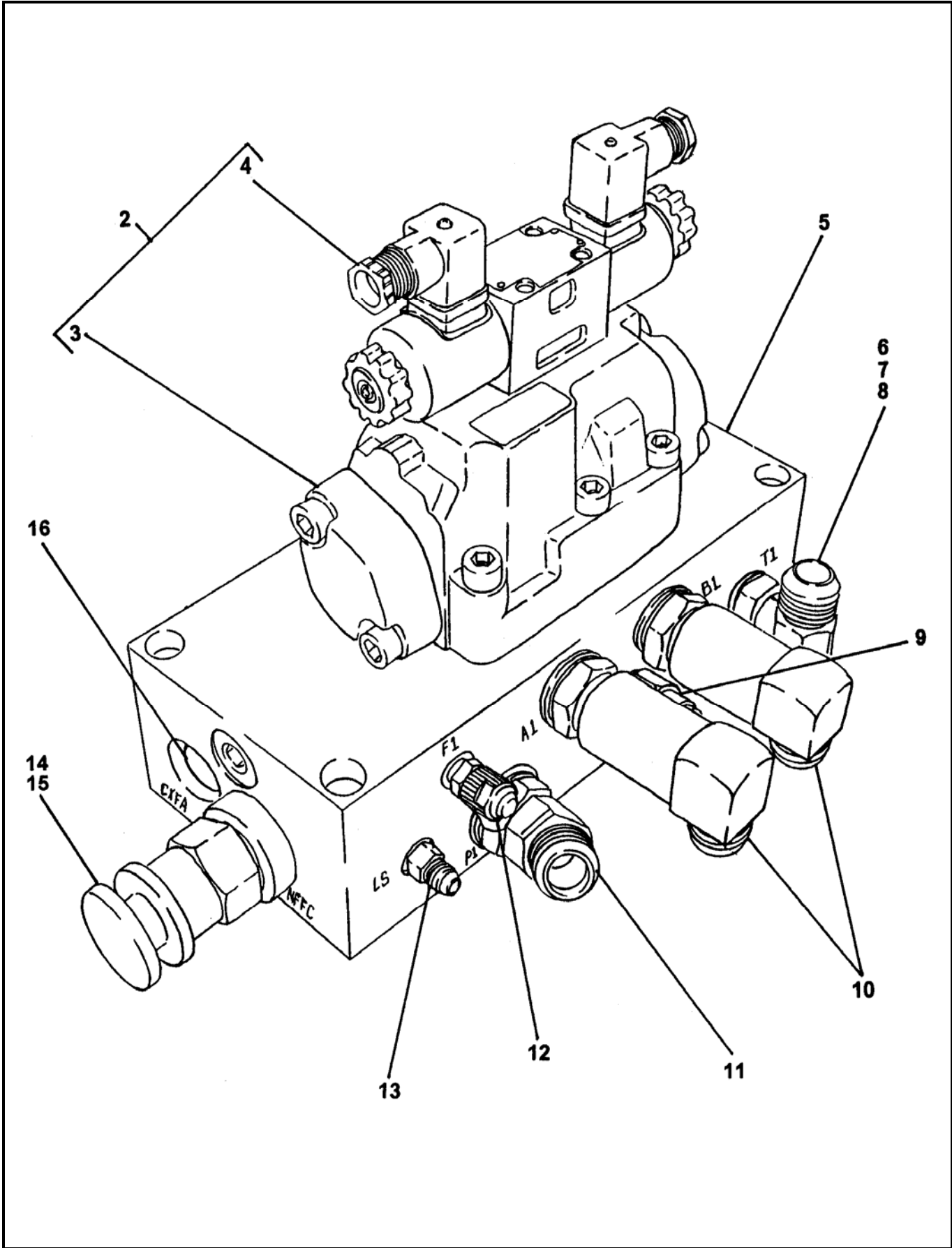
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85705	Assembly, Ball Valve (See Group 30, Figure 03 for NHA)	Ref
2		• Washer, Limit	1
3		• Pin, Stop	1
4		• Bolt, Hex	1
5		• Nut, Hex	1
6		• Handle, Control	1
7		• Spindle, Control	1
8		• Retainer, Spring	1
9		• Plug	1
10		• Ball	1
11		• Housing	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



DRIVE CYLINDER
CIRCUIT MANIFOLD ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 07
PAGE 01



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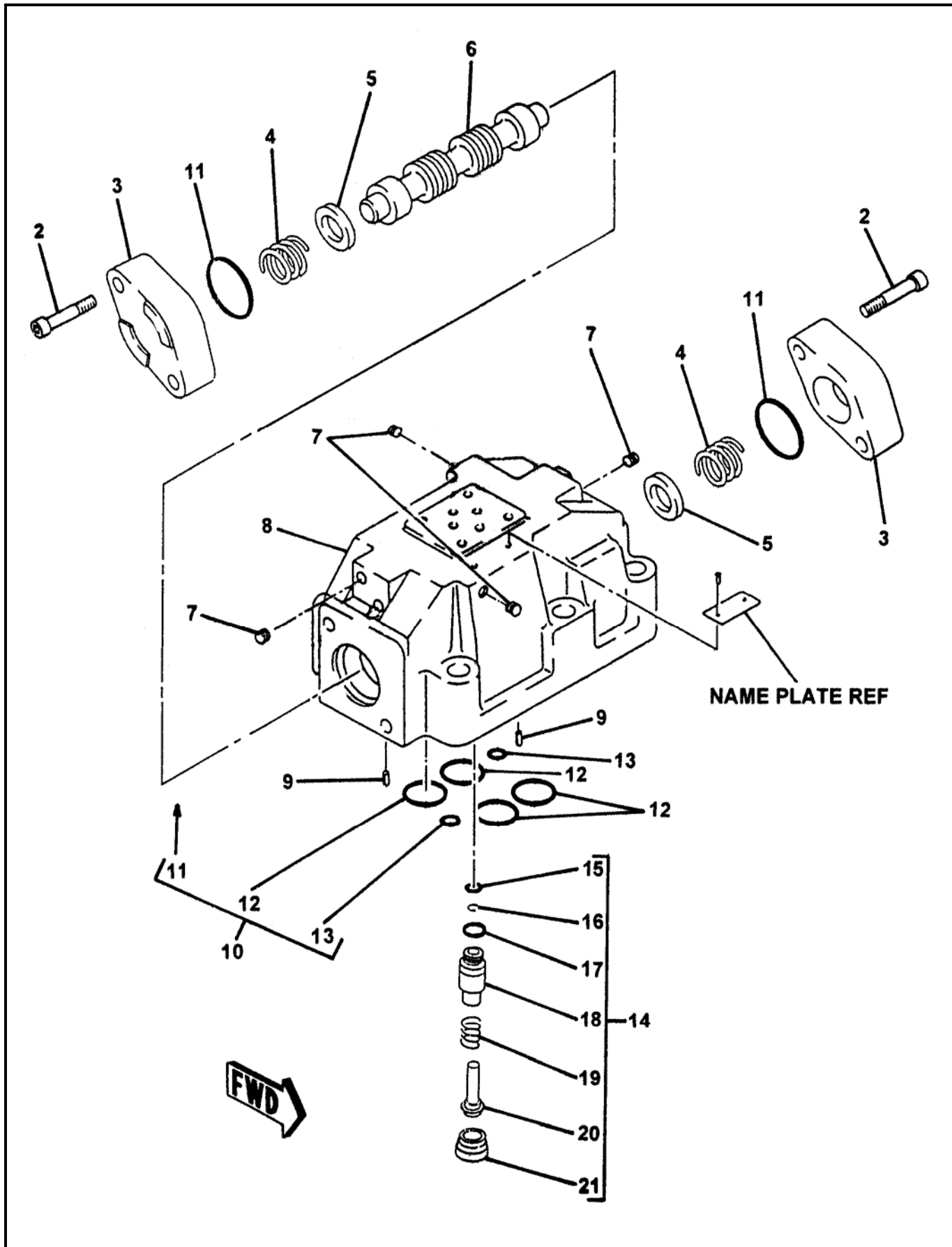
**DRIVE CYLINDER
CIRCUIT MANIFOLD ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85248	Assembly, Drive Cylinder Circuit Manifold (See Group 30, Figure 02 for NHA)	Ref
2	85689	• Assembly, Drive Cylinder Circuit Solenoid Valve	1
3	85690	• • Assembly, Drive Cylinder Circuit Main Solenoid Valve (See Group 30, Figure 08 for DET)	1
4	85691	• • Assembly, Drive Cylinder Circuit Pilot Solenoid Valve (See Group 30, Figure 09 for DET)	1
5		• Body, Drive Cylinder Circuit Manifold	1
6		• Tee	1
7		• Reducer	1
8		• Plug	1
9	85696	• Cartridge, Relief Valve	1
10		• Elbow, 90	2
11		• Elbow, 45	1
12	78593	• Port, Mini Check	1
13		• Fitting, STR	1
14	85697	• Cartridge, Flow Control Valve	1
15	85697SK	• • Kit, Flow Control Valve Cartridge Seal	1
16	85698	• Cartridge, Check Valve	1

DASH (-) ITEM NOT ILLUSTRATED

DRIVE CYLINDER CIRCUIT MAIN SOLENOID VALVE ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 08
PAGE 01



REVISION:

**DRIVE CYLINDER CIRCUIT
MAIN SOLENOID VALVE ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85690	Assembly, Drive Cylinder Circuit Main Solenoid Valve (See Group 30, Figure 07 for NHA)	Ref
2		• Screw, SOC	4
3		• Cover	2
4		• Spring, Compression	2
5		• Plate, Spring	2
6		• Spool	1
7		• Plug	4
8		• Housing, Cartridge	1
9		• Pin, Grooved	2
10	74994	• Kit, Seal	1
11		• • O-Ring	2
12		• • O-Ring	4
13		• • O-Ring	2
14	73147	• Sub-Assembly, Pilot Pressure Valve	1
15		• • O-Ring	1
16		• • Circlip	1
17		• • O-Ring	1
18		• • Sleeve	1
19		• • Spring, Compression	1
20		• • Cone	1
21		• • Valve, Seat	1

DASH (-) ITEM NOT ILLUSTRATED

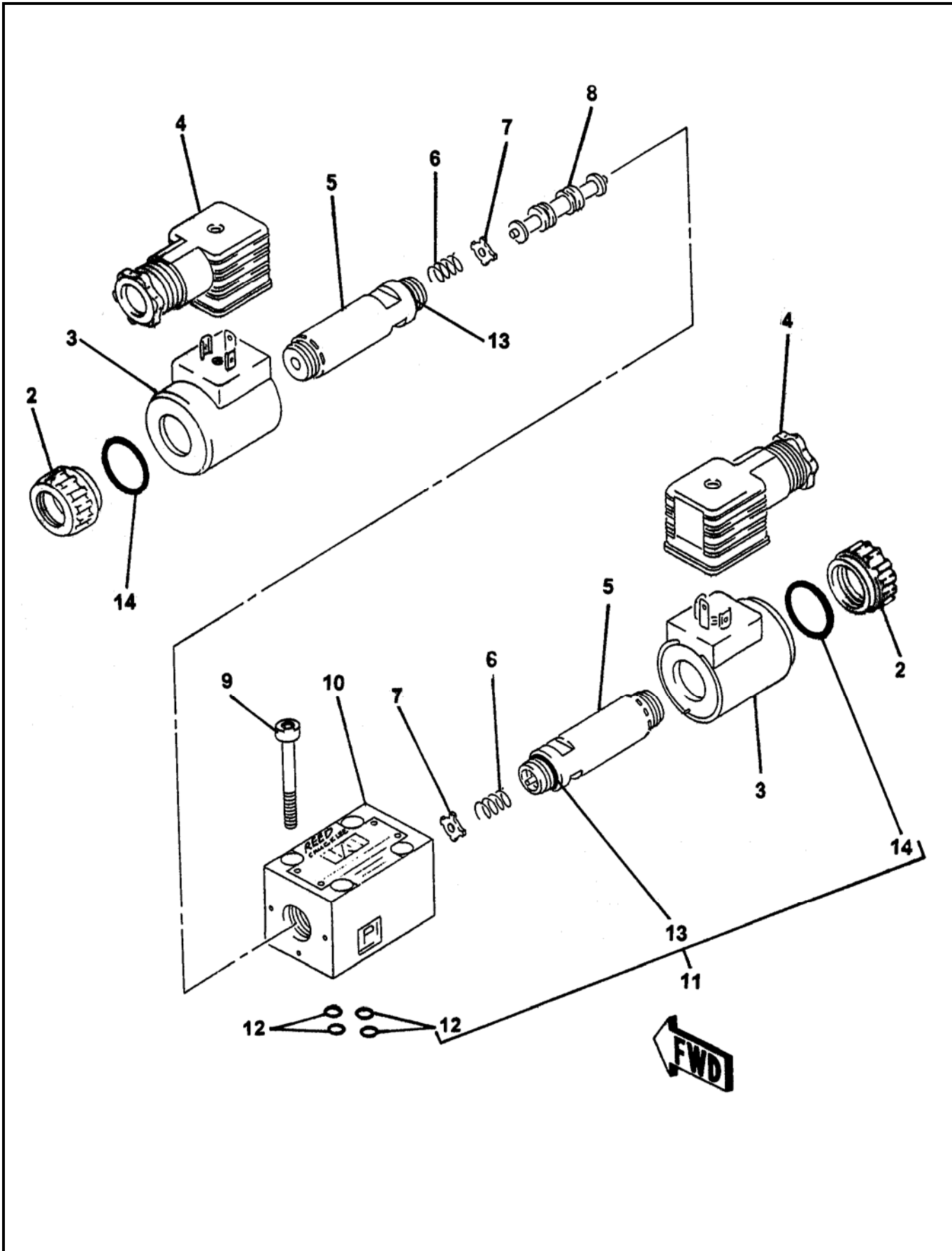
REED

DRIVE CYLINDER CIRCUIT PILOT SOLENOID VALVE ASSEMBLY

PARTS

FIGURE 09

PAGE 01



REVISION:

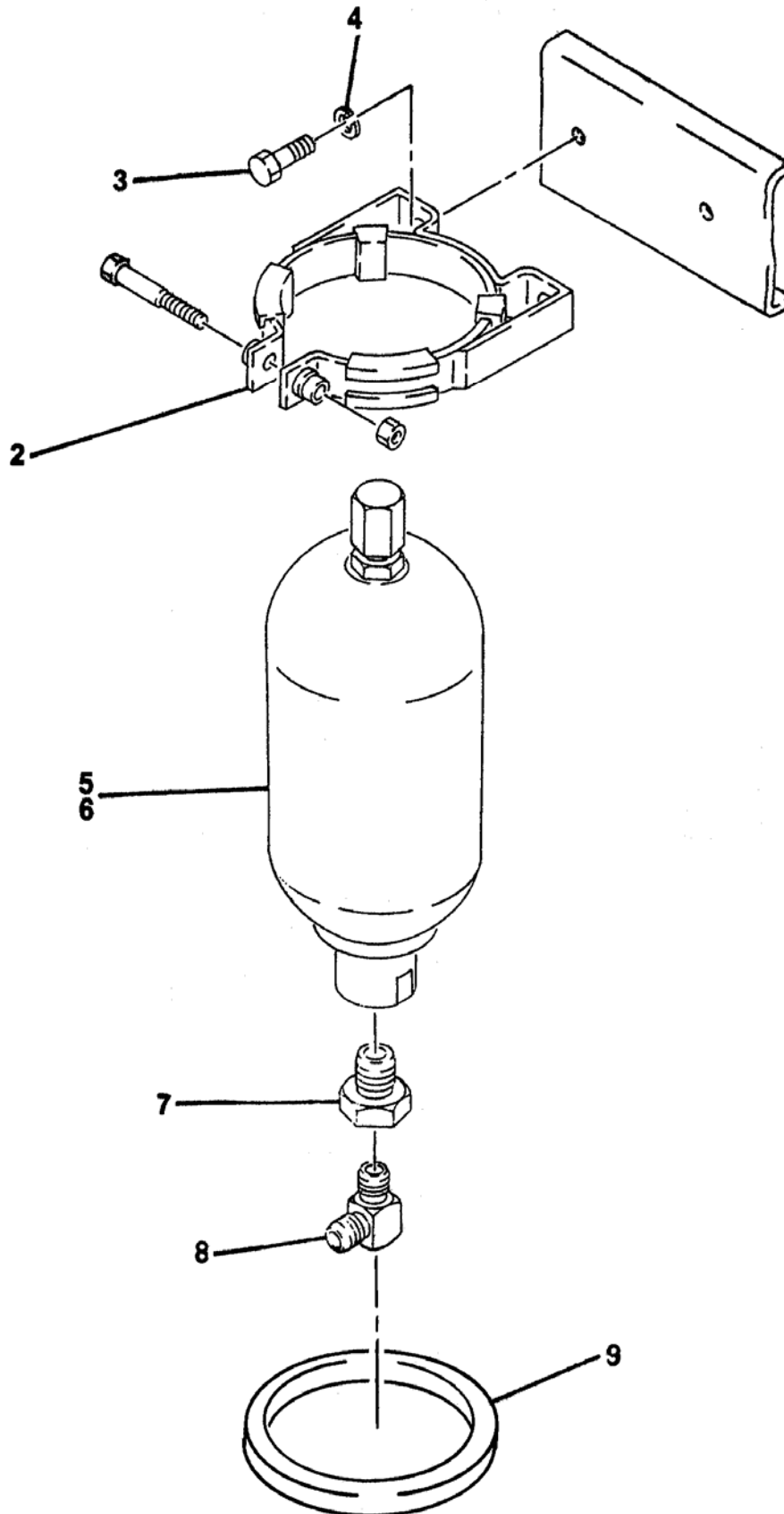
**SWING TUBE CIRCUIT
PILOT SOLENOID VALVE ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	85691	Assembly, Drive Cylinder Circuit Pilot Solenoid Valve (See Group 30, Figure 07 for NHA)	Ref
2		• Cap, Coil	2
3	85692	• Coil, Drive Cylinder Circuit Main Solenoid	2
4	74597	• Connector, Plug	2
5		• Amature	2
6		• Spring	2
7		• Plate, Spring	2
8		• Spool	1
9		• Screw, SOC	4
10		• Housing, Solenoid Valve	1
11	72313	• Kit, O-Ring	1
12		• • O-Ring	4
13		• • O-Ring	2
14		• • O-Ring	2

DASH (-) ITEM NOT ILLUSTRATED

ACCUMULATOR ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 10
PAGE 01





ACCUMULATOR ASSEMBLY

B70
PARTS
GROUP 30
FIGURE 10
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-10	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	30-11	• Kit, Bladder Repair (See Group 30, Figure 11 for REF)	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

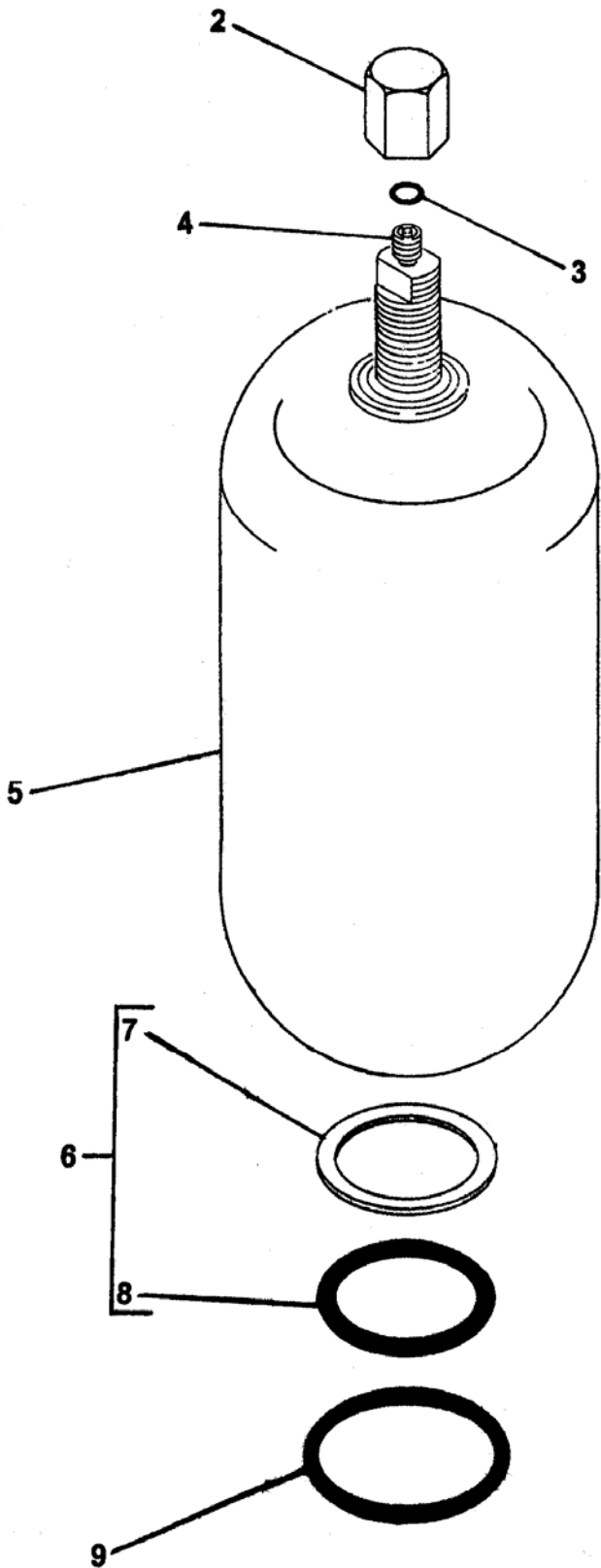
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



ACCUMULATOR
BLADDER REPAIR KIT

B70
PARTS
GROUP 30
FIGURE 11
PAGE 01





ACCUMULATOR BLADDER REPAIR KIT

B70
PARTS
GROUP 30
FIGURE 11
PAGE 02

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	30-11	Kit, Bladder Repair (Also See Group 30, Figure 10 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

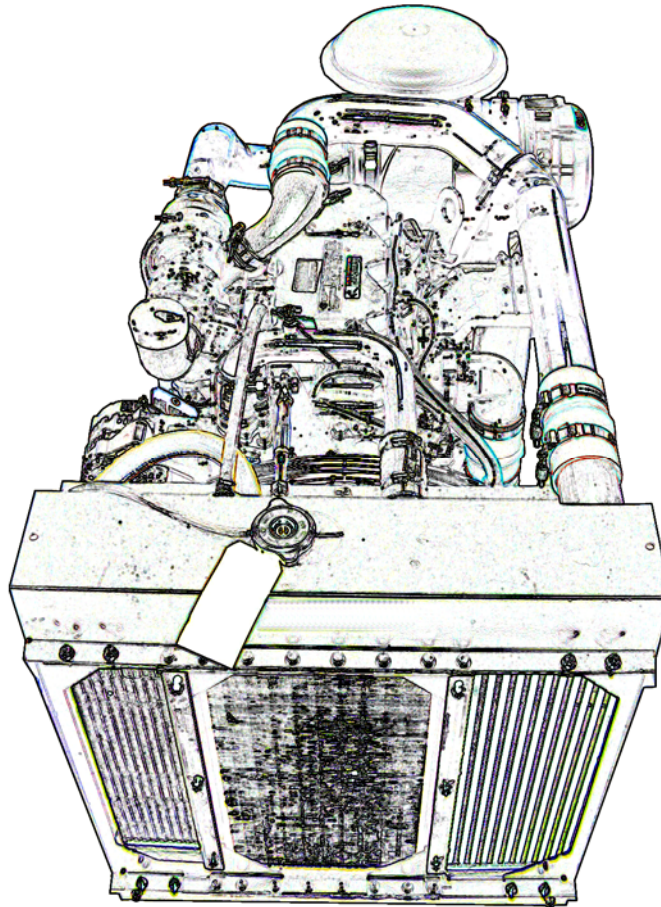
REVISION:



TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL

B70
PARTS
GROUP 30
FIGURE 12
PAGE 01

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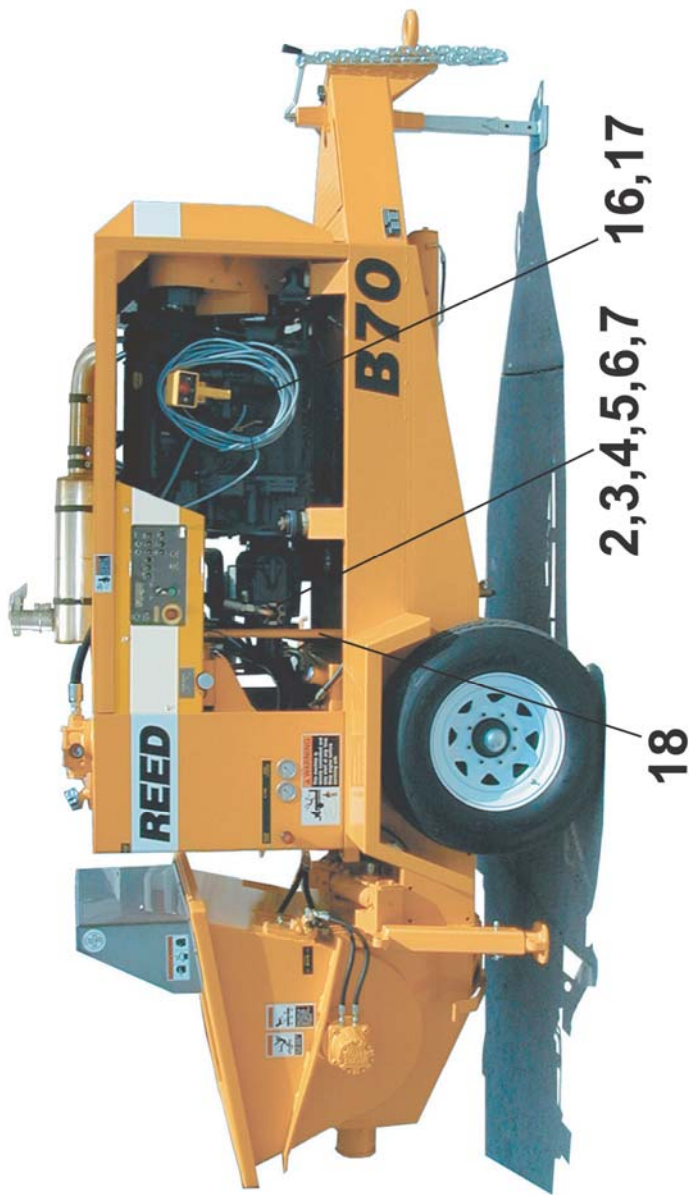
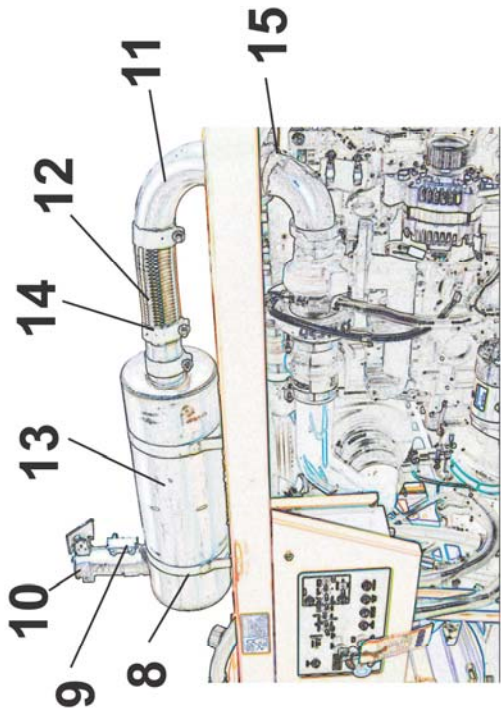
REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 40 POWER TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	POWER TRAIN INSTALLATION
FIGURE 02	HYDRAULIC PUMPS ASSEMBLY
FIGURE 03	SINGLE AUXILIARY PUMP ASSEMBLY
FIGURE 04	DOUBLE AUXILIARY PUMP ASSEMBLY
FIGURE 05	MAIN PUMP ASSEMBLY
FIGURE 06	BATTERY MOUNTING ASSEMBLY



POWER TRAIN INSTALLATION

B70
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, 02, 03 and 04 for NHA)	Ref
2	40-02	• Assembly, Main and Auxiliary Pumps (See Group 40, Figure 02 for DET)	1
3	79803	• Clamp, T-Bolt-3.00 Dia	4
4	86911-009	• Stem, 2 1/2" 90 Deg-40GL-40FL90	2
5	86264-007	• Split Flange-Code 61-40 SAE	2
6	86265-003	• Split Flange-Code 62-20 SAE	1
7	86912-006	• Flange, FLH6K-MJ90-20-16	2
8	87199	• Band, Mounting-8.50 Dia	2
9	87198	• Clamp, Torctite-3.00 Dia	1
10	73475	• Cap, Rain-3.00 Dia	1
11	86648	• Elbow, Exhaust-3.00 Dia	1
12	87579	• Exhaust Flex Tube-3.00 Dia x 12" Long	1
13	87792	• Muffler, B-Series Cummins	1
14	87578	• Clamp, Exhaust-Bent Bolt-3.00 Dia	3
15	77258	• Clamp, Exhaust-3.00 Dia	1
16	87802	• Assembly, Engine (4-Cylinder Diesel Engine) (See Vendor Section, Figure 01 for REF)	1
17	87793	• Mount, Fuel Filter	1
18	85426	• Tube, Hydraulic Cylinders	2
19	85428	• Tube, Hydraulic-Shift Cylinders	1
20	85429	• Tube, Hydraulic-Shift Cylinder	1
-21	87797	• Hose Kit-B50/B70 Kawasaki/Cummins	1
-22	78608	• Minicheck Hose-48"	1
-23	75456	• Clamp, Tube-Single-1 1/2"	1
-24	800849	• Clamp, Tube-Dual 5/8"	1
-25	73269	• Strap, Ground	1
-26	87541	• Relay, Starter	1
-27	72862	• Gauge, Prox. Sensor Setting	1
-28	87734	• Wiring Harness-Engine	1
-29	40-05	• Assembly, Battery Mounting (See Figure 05 for DET)	1
DASH (-) ITEM NOT ILLUSTRATED			



POWER TRAIN INSTALLATION

B70
PARTS
GROUP 40
FIGURE 01
PAGE 03

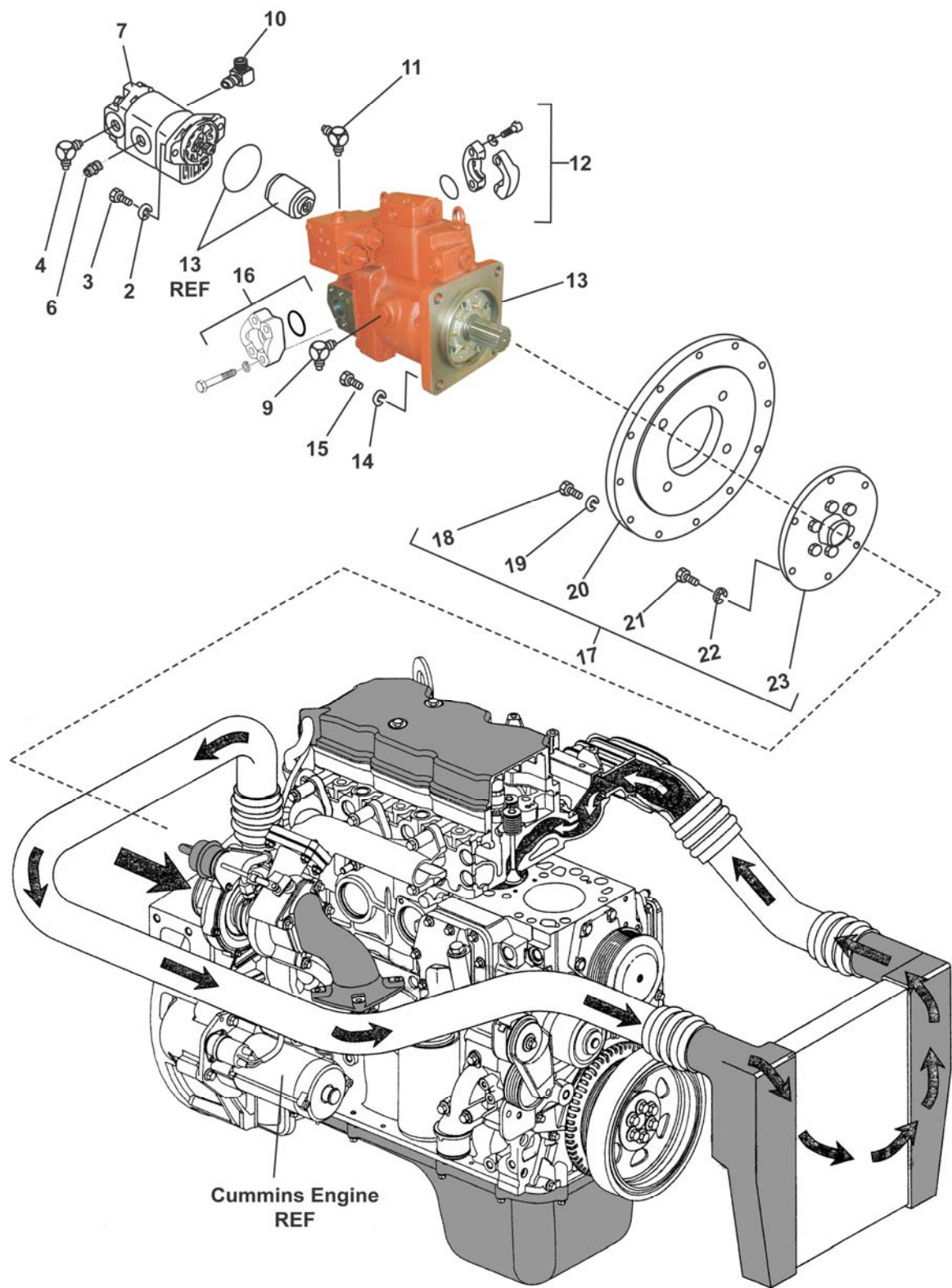


19,20

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-01	Installation, Power Train (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	40-02	• Assembly, Main and Auxiliary Pumps (See Group 40, Figure 02 for DET)	1
3	79803	• Clamp, T-Bolt-3.00 Dia	4
4	86911-009	• Stem, 2 1/2" 90 Deg-40GL-40FL90	2
5	86264-007	• Split Flange-Code 61-40 SAE	2
6	86265-003	• Split Flange-Code 62-20 SAE	1
7	86912-006	• Flange, FLH6K-MJ90-20-16	2
8	87199	• Band, Mounting-8.50 Dia	2
9	87198	• Clamp, Torctite-3.00 Dia	1
10	73475	• Cap, Rain-3.00 Dia	1
11	86648	• Elbow, Exhaust-3.00 Dia	1
12	87579	• Exhaust Flex Tube-3.00 Dia x 12" Long	1
13	87792	• Muffler, B-Series Cummins	1
14	87578	• Clamp, Exhaust-Bent Bolt-3.00 Dia	3
15	77258	• Clamp, Exhaust-3.00 Dia	1
16	87802	• Assembly, Engine (4-Cylinder Diesel Engine) (See Vendor Section, Figure 01 for REF)	1
17	87793	• Mount, Fuel Filter	1
18	85426	• Tube, Hydraulic Cylinders	2
19	85428	• Tube, Hydraulic-Shift Cylinders	1
20	85429	• Tube, Hydraulic-Shift Cylinder	1
-21	87797	• Hose Kit-B50/B70 Kawasaki/Cummins	1
-22	78608	• Minicheck Hose-48"	1
-23	75456	• Clamp, Tube-Single-1 1/2"	1
-24	800849	• Clamp, Tube-Dual 5/8"	1
-25	73269	• Strap, Ground	1
-26	87541	• Relay, Starter	1
-27	72862	• Gauge, Prox. Sensor Setting	1
-28	87734	• Wiring Harness-Engine	1
-29	40-05	• Assembly, Battery Mounting (See Figure 05 for DET)	1
DASH (-) ITEM NOT ILLUSTRATED			

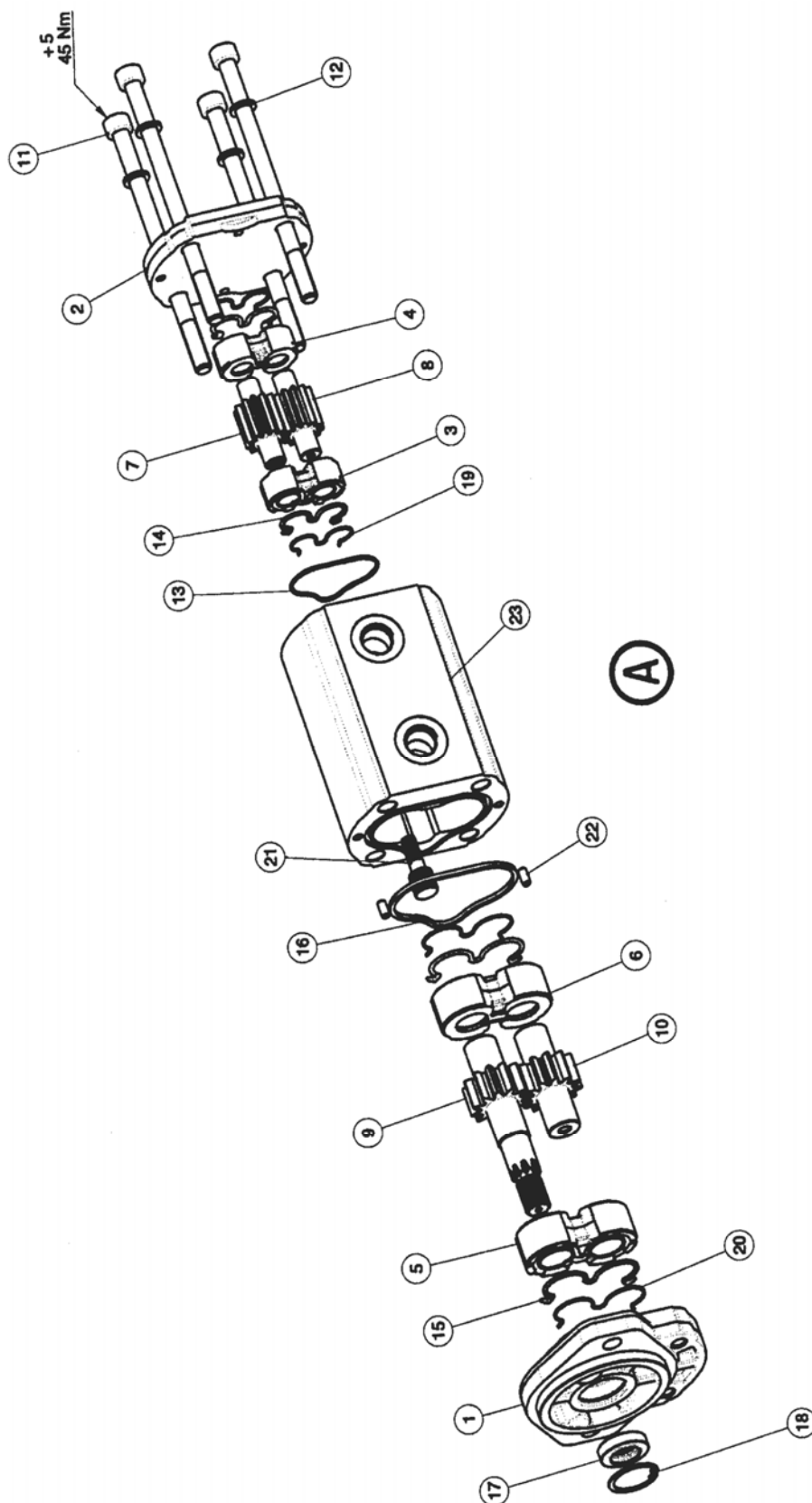
HYDRAULIC PUMPS ASSEMBLY

B70
PARTS
GROUP 40
FIGURE 02
PAGE 01



REVISION:

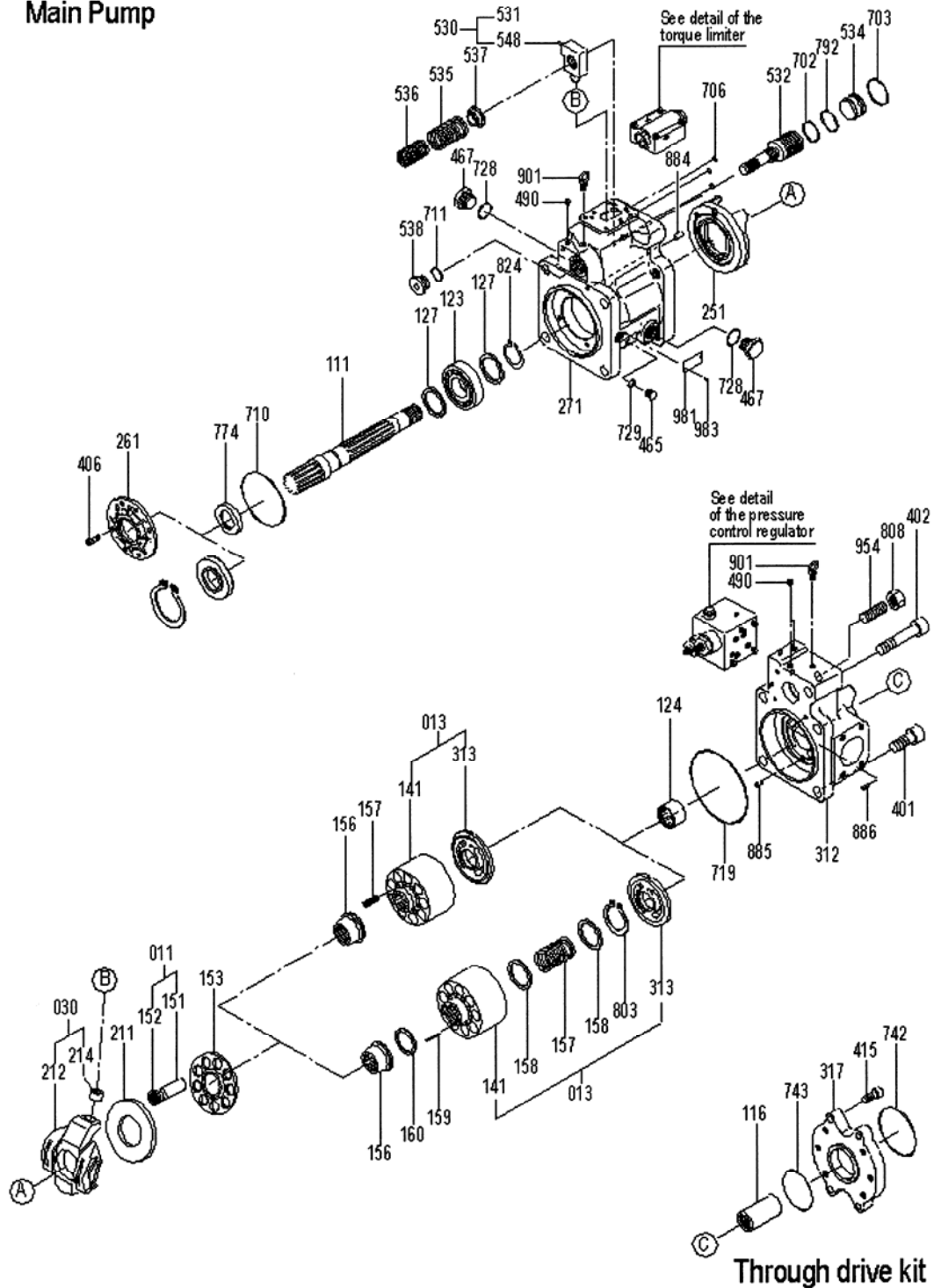
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-02	Assembly, Hydraulic Pump (See Group 40, Figure 01 for NHA)	Ref
2		• Washer, Lock	2
3		• Bolt, Hex	2
4	86728-04	• Fitting, 90 MB-MJ90-10-10	1
5	87571	• Assembly, Double Auxiliary Pump (See Group 40, Figure 04 for DET)	1
6	86900-017	• Fitting, Adaptor MB-MJ-10-10	1
7	86912-006	• Stem ML90-20-16	1
8	86911-009	• Stem ML90-40-40	1
9	NPN	• Fitting, Elbow MB-MJ90-12-10	1
10	86728-023	• Fitting, Elbow MB-MJ90-16-16	1
11	NPN	• Fitting, Elbow MB-MJ90-4-6	1
12	86264-007	• Kit, Split Flange-Code 61-40 SAE	1
13	87723	• Assembly, Main Pump (See Group 40, Figure 05 for DET) (Also See Vendor Section, Figure 02 for REF)	1
14		• Washer, Lock (attaching parts)	4
15		• Bolt, Hex (attaching parts)	4
16	86265-003	• Kit, Split Flange-Code 62-20 SAE	1
17	87360	• Assembly, Flywheel Coupling (Pump Drive)	1
18		• • Bolt, Hex	12
19		• • Washer, SPL	12
20		• • Plate, Flywheel	1
21		• • Screw	6
22		• • Washer	6
23		• • Plate, Flywheel	1
		DASH (-) ITEM NOT ILLUSTRATED	



ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
	87571	Assembly Double Auxiliary Pump (See Group 40, Figure 02 for NHA)	Ref
1		• Cover, Front	1
2		• Cover, Twin Rear	1
3		• Plate, Thrust	1
4		• Plate, Thrust	1
5		• Plate, Thrust	1
6		• Plate, Thrust	1
7		• Gear, Drive	1
8		• Gear, Driven	1
9		• Shaft, Drive	1
10		• Gear, Driven	1
11		• Screw	4
12		• Washer	4
13		• O-Ring	1
14		• Seal	2
15		• Seal	2
16		• Plate, Seal	1
17		• Seal, Shaft	1
18		• Ring	1
19		• Plate, Anti-Intrusion	2
20		• Ring, Back-Up	2
21		• Hub	1
22		• Pin, Dowel	2
23		• Body	1
		DASH (-) ITEM NOT ILLUSTRATED	

Attached Drawing No.1 Exploded Drawing

Main Pump





**KAWASAKI MODEL K3VL
MAIN PUMP ASSEMBLY**

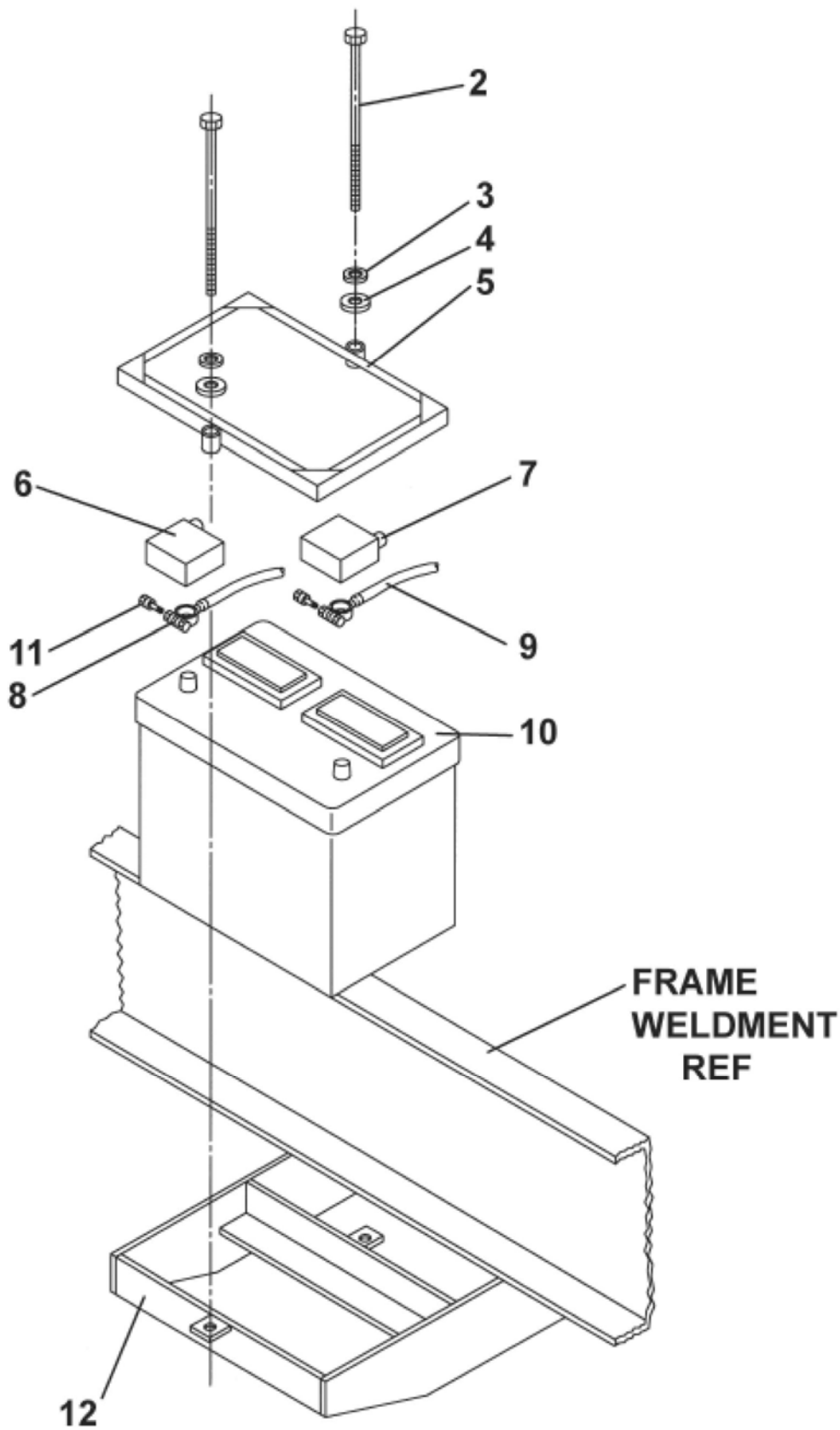
B70
PARTS
GROUP 40
FIGURE 04
PAGE 02

ITEM NO.	REED'S PART NO.	DESCRIPTION	QTY
1	PN 87723	1 2 3 4 5 • Assembly, Main Hydraulic Pump (See Vendor Section, Figure 02 for Complete Info)	Ref

REVISION:

BATTERY MOUNT ASSEMBLY

B70
PARTS
GROUP 40
FIGURE 05
PAGE 01





BATTERY MOUNT ASSEMBLY

B70
PARTS
GROUP 40
FIGURE 05
PAGE 02

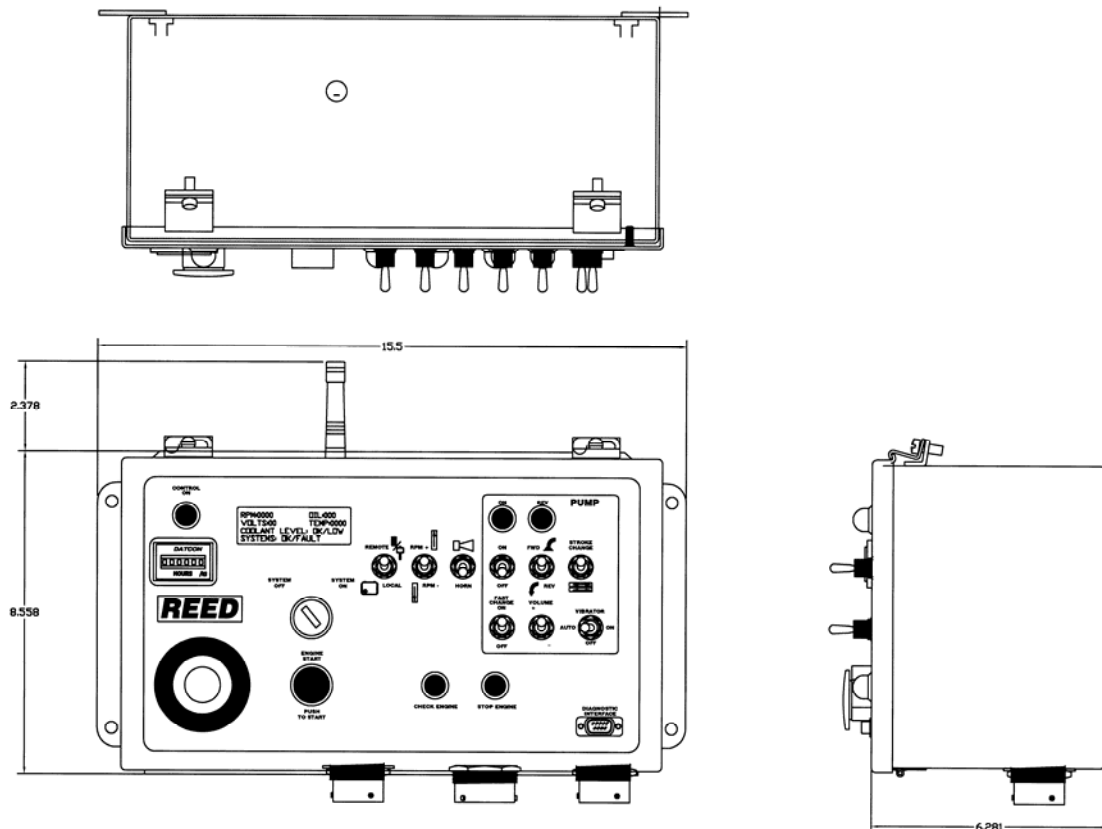
ITEM NO.	REED'S PART NO.	DESCRIPTION	QTY
-1	40-06	Assembly, Battery Mounting (See Group 40, Figure 01 for NHA)	Ref
2		• Bolt, Hex	2
3		• Washer, Lock	2
4		• Washer, Flat	2
5	72945	• Holder, Battery Dopwn	1
6	87221	• Insulator, Negative Battery (Red)	1
7	87222	• Insulator, Positive Battery (Black)	1
8	72014	• Cable, Negative Battery (Red)	1
9	75116	• Cable, Positive Battery (Black)	1
10	77075	• Battery, 12 VDC	1
11	87223	• Extender, Top Terminal Bolt	2
12	86240	• Weldment, Battery Box	1
-13	87541	• Relay, Starter	1
-14	87544	• Bracket, Starter Relay Mount	1

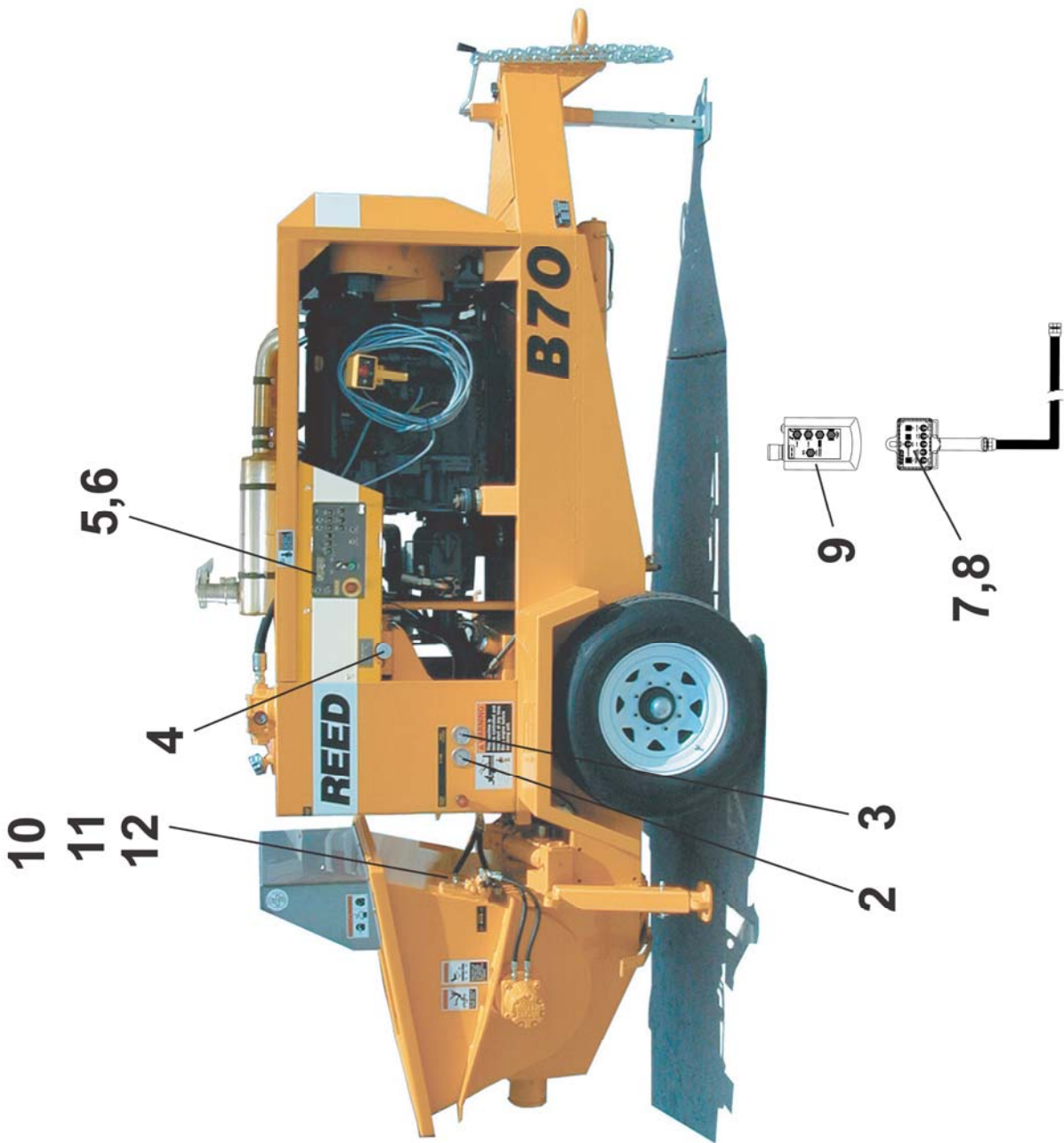
DASH (-) ITEM NOT ILLUSTRATED

REVISION:

REED TRAILER MOUNTED CONCRETE PUMP **05** MODEL **B70** 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



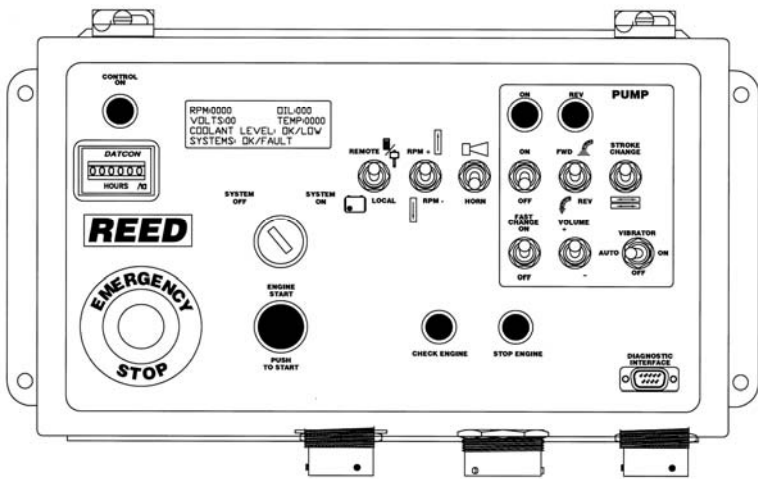


ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-01	Installation, Control (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	70366	• Gauge, 3,000 PSI Hydraulic (See Group 30, Figure 02 for REF)	1
3	74562	• Gauge, 6,000 PSI Hydraulic (See Group 30, Figure 02 for REF)	1
4	85697	• Cartridge, Flow Control Valve (See Group 30, Figure 07 for REF)	1
5	800347	• Horn, 12 V	1
6	87346-2	• Assembly, Control Box (See Group 50, Figure 02 for DET)	1
7	87347-1	• Assembly, 50 Feet Cable Remote Control (See Group 50, Figure 03 for DET)	1
8	NPN	• Assembly, 100 Feet Cable Remote Control (See Group 50, Figure 04 for DET)	1
9	87348-1	• Assembly, Radio Remote Control (Optional Item) (See Group 50, Figure 05 for DET)	1
10	20-09	• Assembly, 3 Spool Control Valve (Optional Item) (See Group 20, Figure 08 for REF)	1
11	80-16	• Assembly, 1 Spool Control Valve (Optional Item) (See Group 80, Figure 16 for REF)	1
12	80-18	• Assembly, 2 Spool Control Valve (Optional Item) (See Group 80, Figure 18 for REF)	1
		DASH (-) ITEM NOT ILLUSTRATED	



CONTROL BOX ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 02
PAGE 01



CONTROL BOX WITH COVER REMOVED

VOLUME CONTROL

MAIN HYDRAULIC PUMP



CONTROL BOX ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 02
PAGE 02

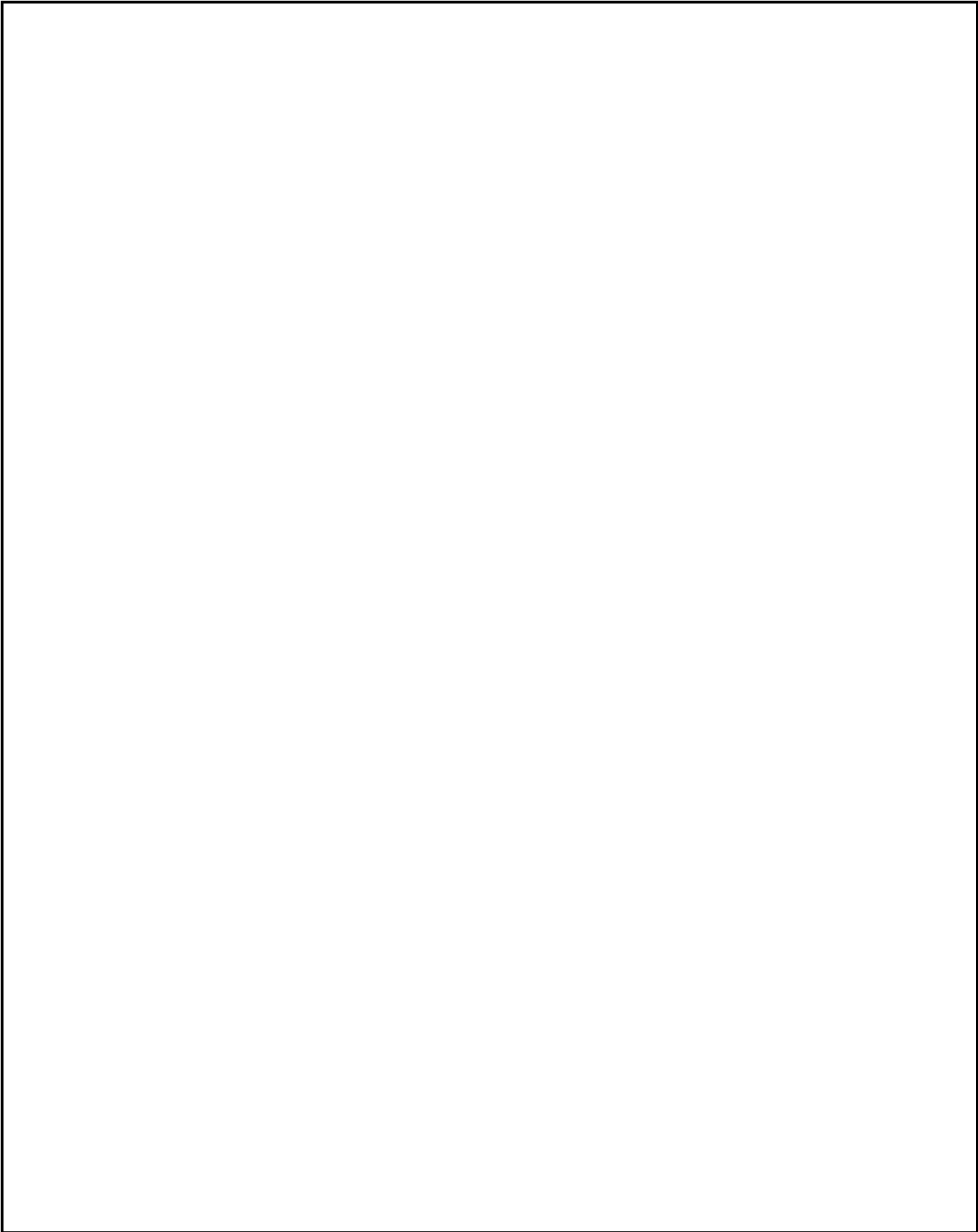
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	87346-2	Assembly, Control Box (See Group 50, Figure 01 for NHA)	Ref
2		•	
3		•	
4		•	
5		•	
6		•	
7		•	
8		•	
9		•	
10		•	
11		•	
12	800447	• Fuse, 25A	3
13	800449	• Fuse, 10A	3
14	90391	• Fuse, 15A	1
15	800448	• Fuse, 20A	1
16		•	
17		•	
18		•	
19		•	
20		•	

REVISION:



CONTROL BOX ASSEMBLY - OPEN

B70
PARTS
GROUP 50
FIGURE 0X
PAGE 0X

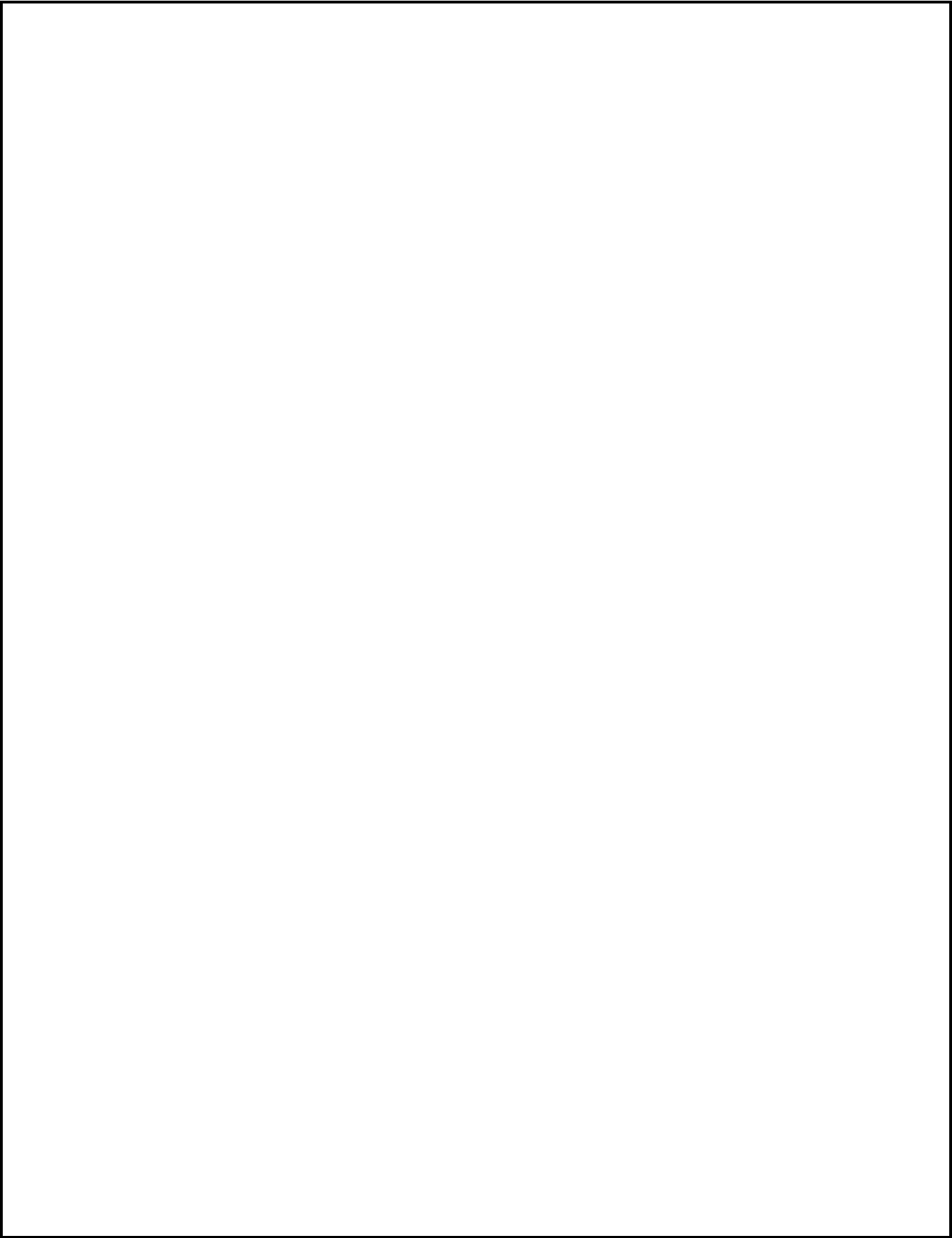


REVISION:



CONTROL BOX ASSEMBLY - OPEN

B70
PARTS
GROUP 50
FIGURE 0X
PAGE 0X

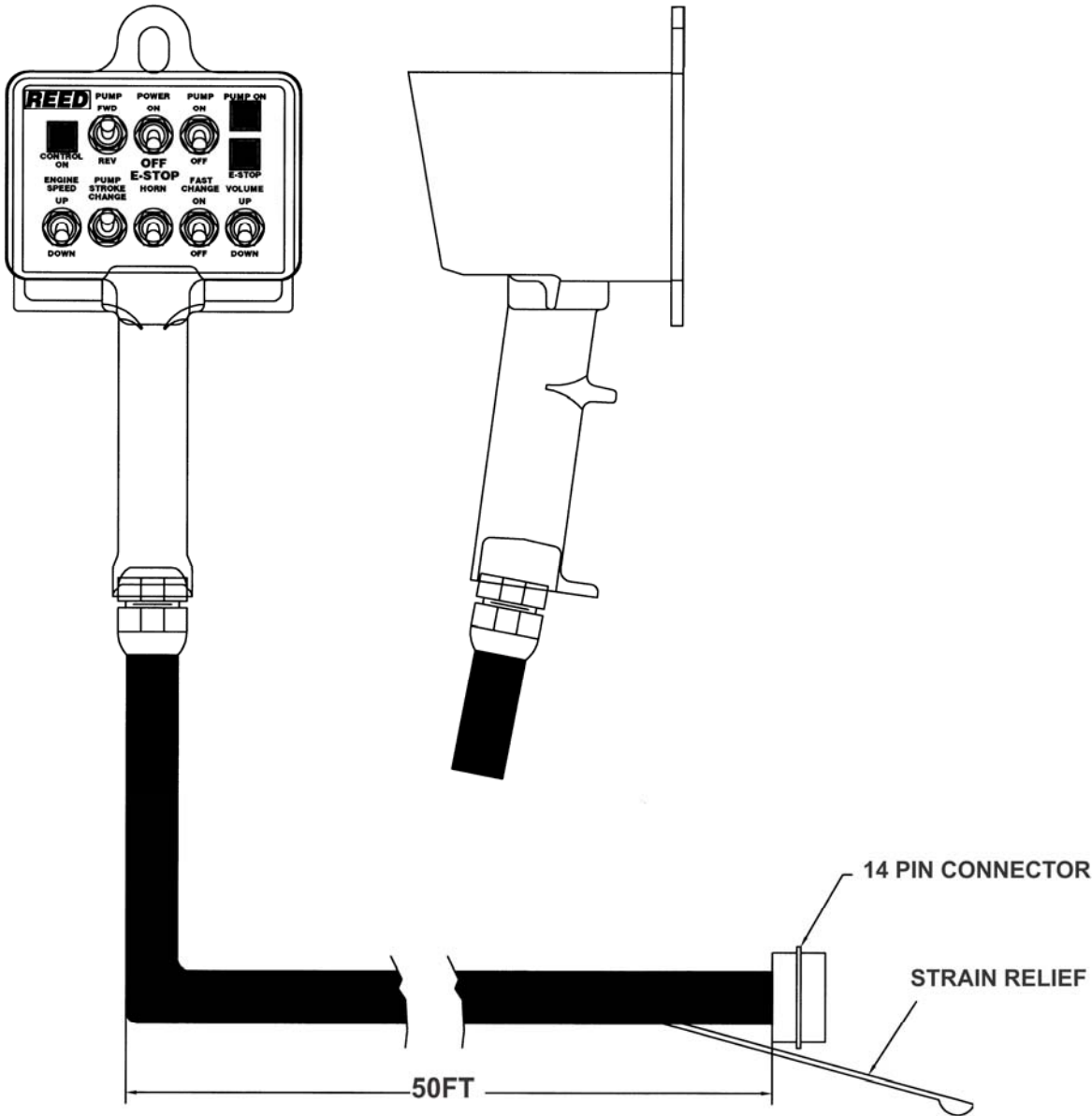


REVISION:



50 FEET CABLE
REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 03
PAGE 01





50 FEET CABLE
REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 03
PAGE 02

ITEM NO.	REED'S PART NO.	DESCRIPTION	QTY
-1	87347-1	1 2 3 4 5 Assembly, 50 Feet Cable Remote Control (See Group 50, Figure 01 for NHA)	Ref
2		•	
3		•	
4		•	
5		•	
6		•	
7		•	
8		•	
9		•	
10		•	
11		•	
12		•	

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



**100 FEET CABLE
REMOTE CONTROL ASSEMBLY**

B70
PARTS
GROUP 50
FIGURE 04
PAGE 02

ITEM NO.	REED'S PART NO.	DESCRIPTION					QTY
		1	2	3	4	5	
-1	NPN	Assembly, 100 Feet Cable Remote Control (See Group 50, Figure 01 for NHA)					Ref
2		•					
3		•					
4		•					
5		•					
6		•					
7		•					
8		•					
9		•					
10		•					
11		•					
12		•					

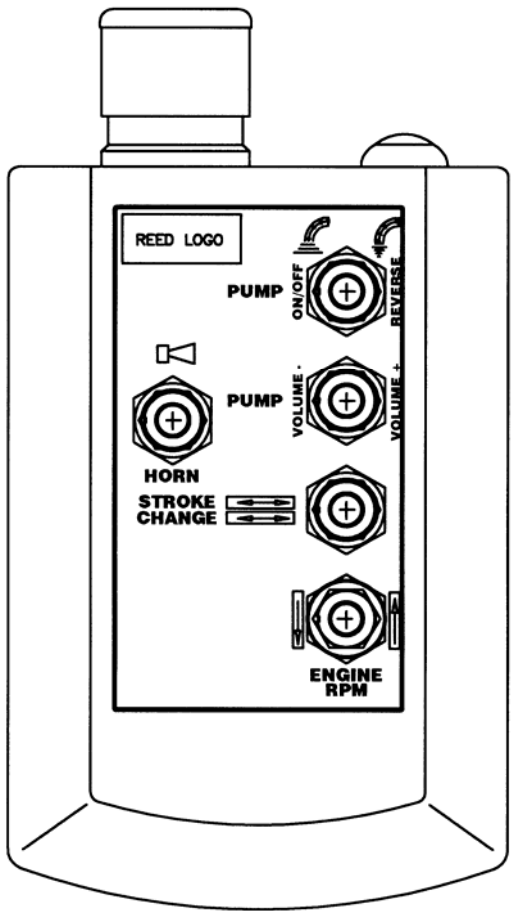
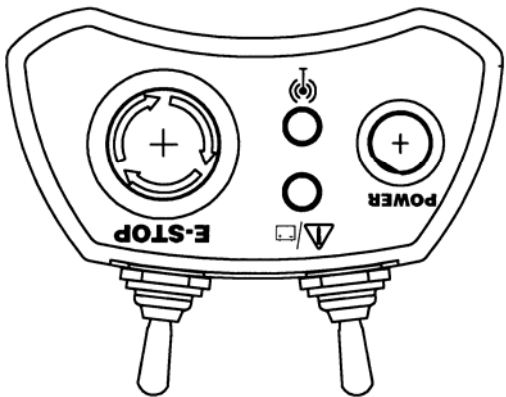
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



OPTIONAL RADIO
REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 05
PAGE 01





OPTIONAL RADIO REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 50
FIGURE 05
PAGE 02

ITEM NO.	REED'S PART NO.	DESCRIPTION	QTY
-1	87348-1	1 2 3 4 5 Assembly, Transmitter, Remote Control (See Group 50, Figure 01 for NHA)	Ref
2		•	
3		•	
4		•	
5		•	
6		•	
7		•	
8		•	
9		•	
10		•	
11		•	
12		•	

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL

B70
PARTS
GROUP 50
FIGURE 06
PAGE 01

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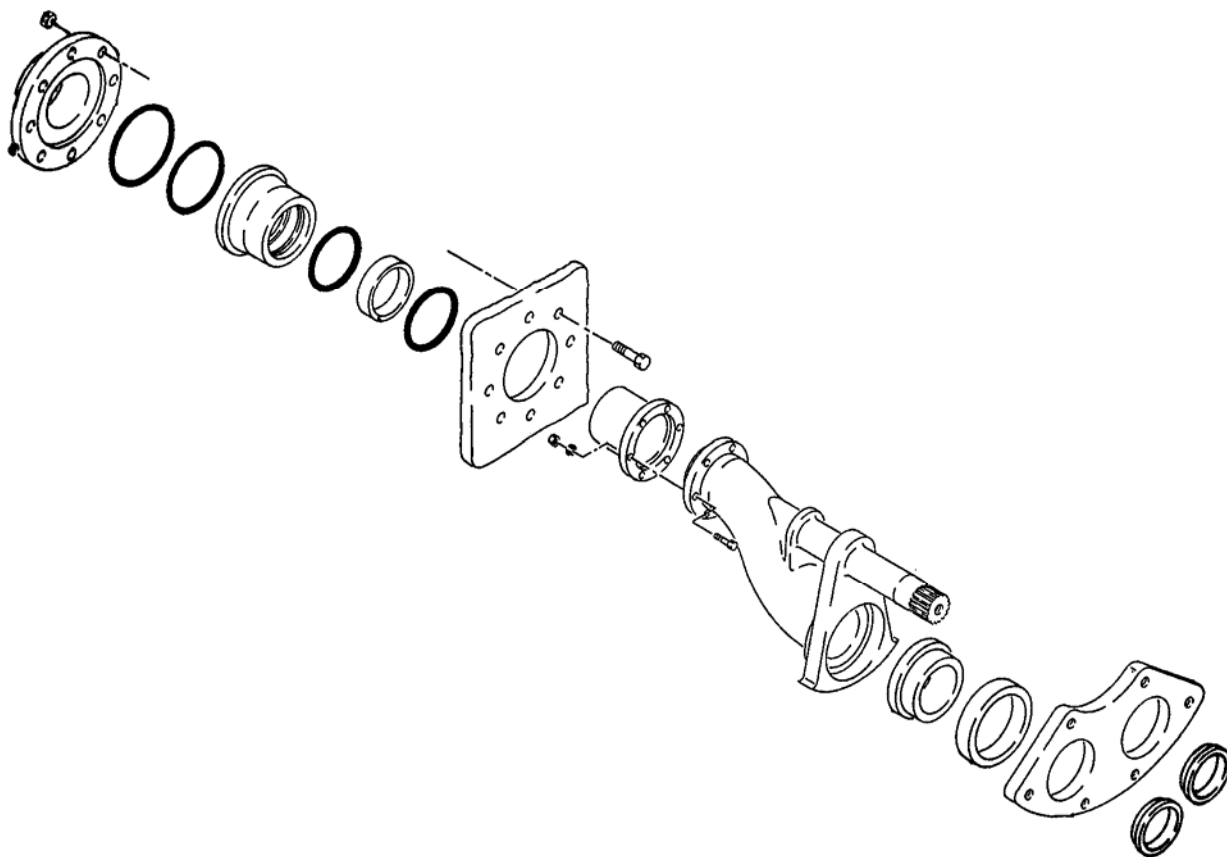


**TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL**

***B70*
PARTS**

**GROUP 40
FIGURE 06
PAGE 01**

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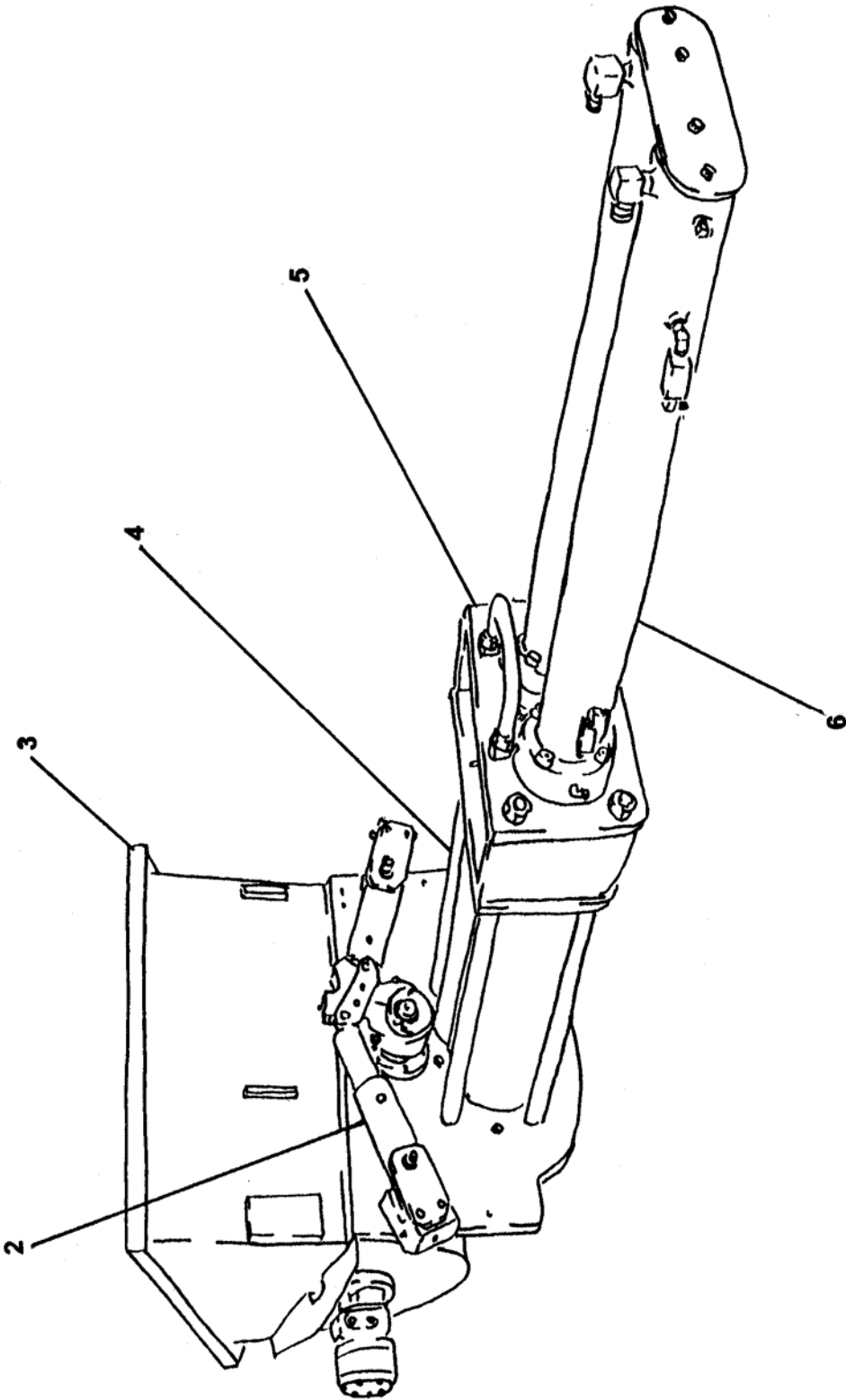
REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 60 PUMPING TRAIN INSTALLATION CONTAINS THE FOLLOWING FIGURES:

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



DUAL SHIFT
PUMPING TRAIN INSTALLATION

B70
PARTS
GROUP 60
FIGURE 01
PAGE 01





DUAL SHIFT PUMPING TRAIN INSTALLATION

B70
PARTS
GROUP 60
FIGURE 01
PAGE 02

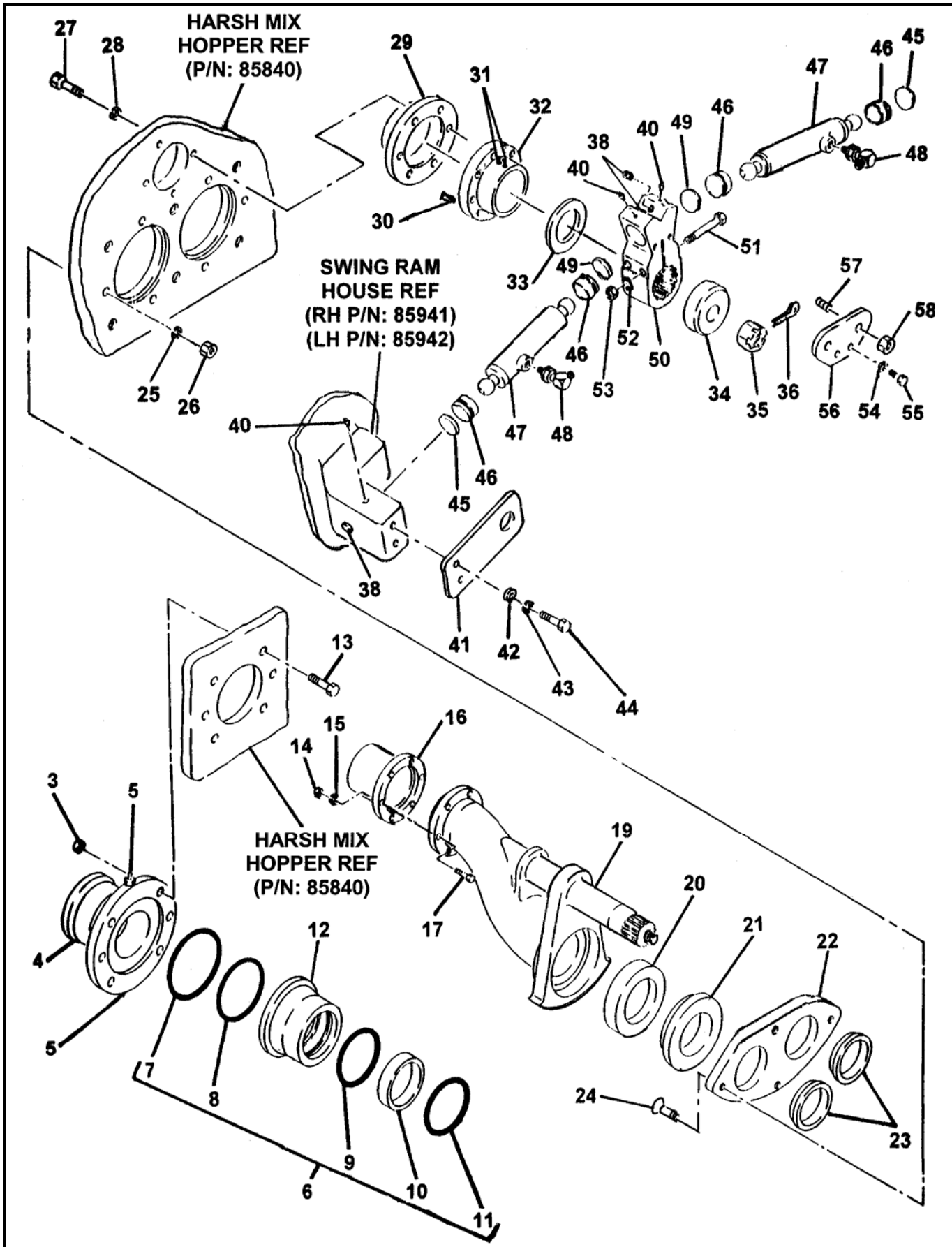
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-01	Installation, Dual Shift Pumping Train (See Group 10, Figure 01 for NHA)	Ref
2	60-02	• Assembly, Dual Shift Swing Valve (See Group 60, Figure 02 for DET)	1
3	20-01	• Installation, Harsh Mix Hopper (See Group 20, Figure 01 for REF)	Ref
4	86310	• Assembly, Material Cylinder (See Group 60, Figure 04 for DET)	1
5	60-05	• Assembly, Flushbox (See Group 60, Figure 05 for DET)	1
6	86304	• Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 06 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

DUAL SHIFT SWING VALVE ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 02
PAGE 01



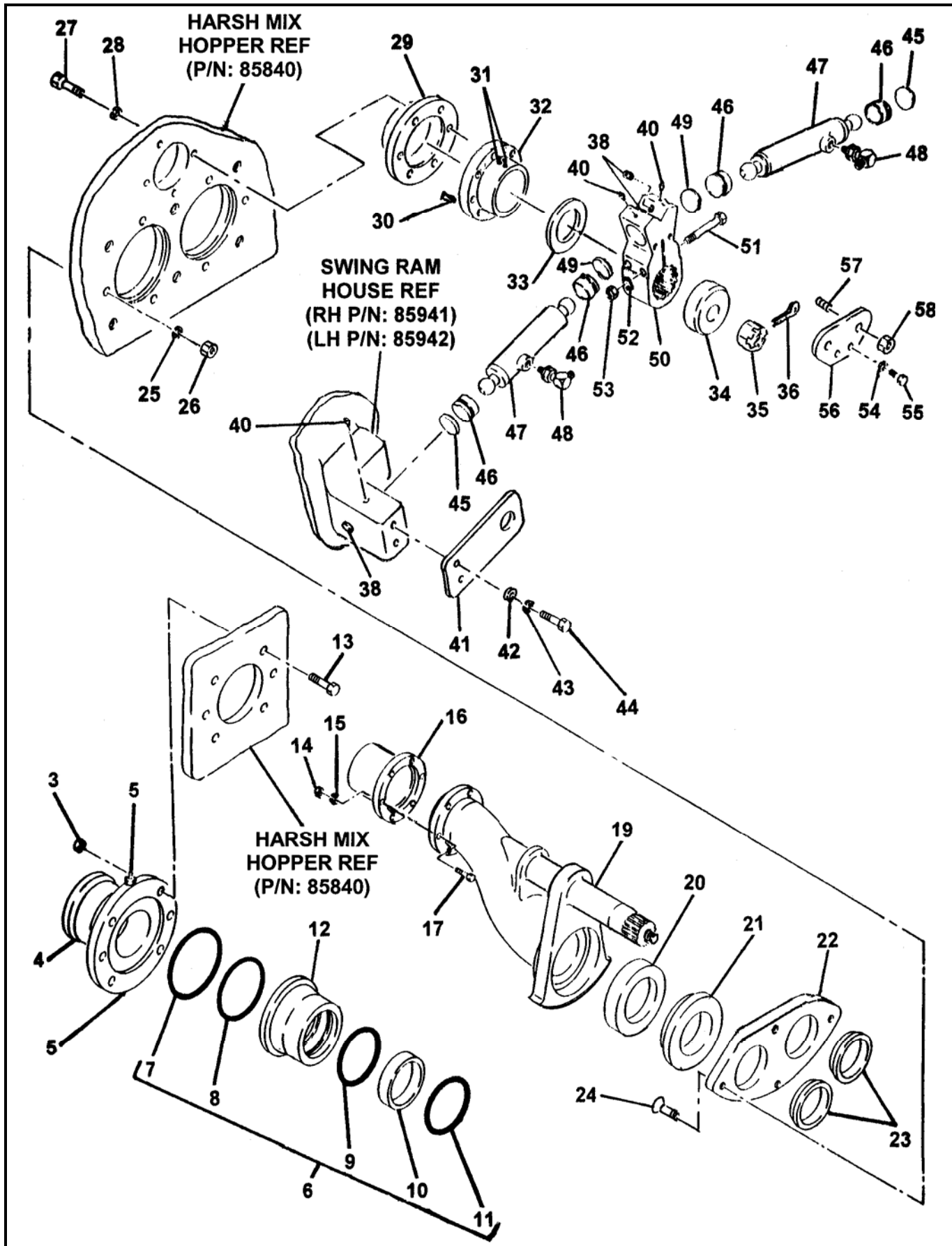
REVISION:

DUAL SHIFT SWING VALVE ASSEMBLY

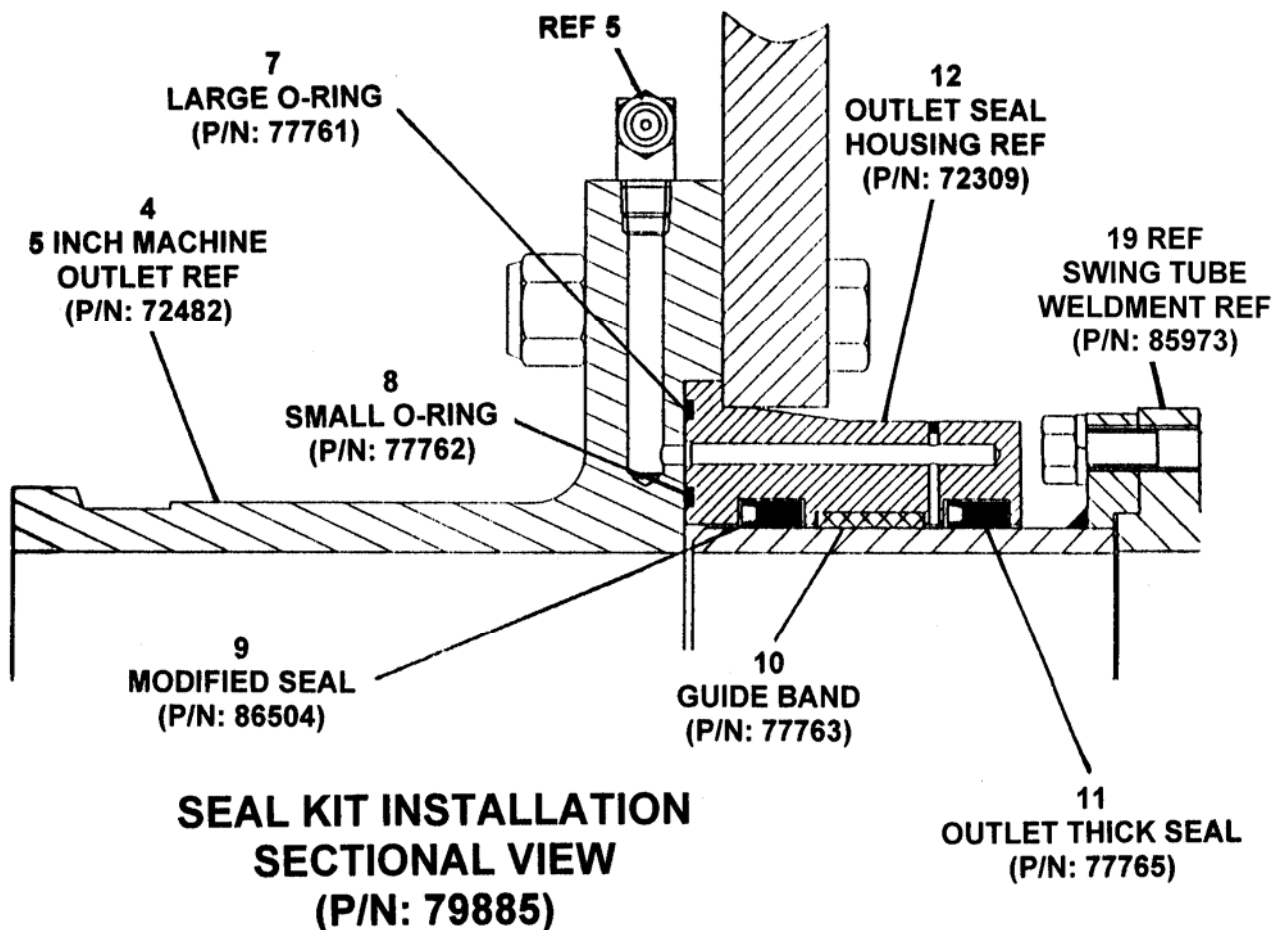
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-02	Assembly, Dual Shift Swing Valve (See Group 60, Figure 01 for NHA)	Ref
-2	86321	• Assembly, Outlet Group	1
3		• • Nut	6
4	72482	• • Outlet, Machine 5"	1
5		• • Fitting, Grease	2
6	79895	• • Kit, Outlet Seal	1
7	77761	• • • O-Ring, Large	1
8	77762	• • • O-Ring, Small	1
9	86504	• • • Seal, Modified Outlet Thick	1
10	77763	• • • Band, Guide	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	86318	• Assembly, 7 Inch Swing Tube Group	1
19	85986	• • Weldment, 7 Inch Harsh Swing Tube	1
20	85974	• • Seal, 7 Inch Single Lip	1
21	85975	• • Ring, 7 Inch Single Lip Wear	1
22	85970	• • Plate, 7 Inch Wear	1
23	85977	• • Ring, 7 Inch Anti Chip	2
24		• • Bolt, Flat Head	4
25		• • Washer, Lock	4
26		• • Nut, Hex	4
27		• • Bolt, Hex	6
28		• • Washer, Lock	6
29	85962	• • Seal, Flange Bearing	1
30		• • Pin, Dowel	1
31		• • Fitting, Grease 90	2
32	85133	• • Bearing, 3 Inch Spline Flange	1
33	85294	• • Washer, Thrust	1
34	86985	• • Spacer, Swing Tube Nut	1
35	87012	• • Nut, Swing Tube	1
36		• • Pin Cotter	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

DUAL SHIFT SWING VALVE ASSEMBLY

B70
PARTS
 GROUP 60
 FIGURE 02
 PAGE 03



REVISION:



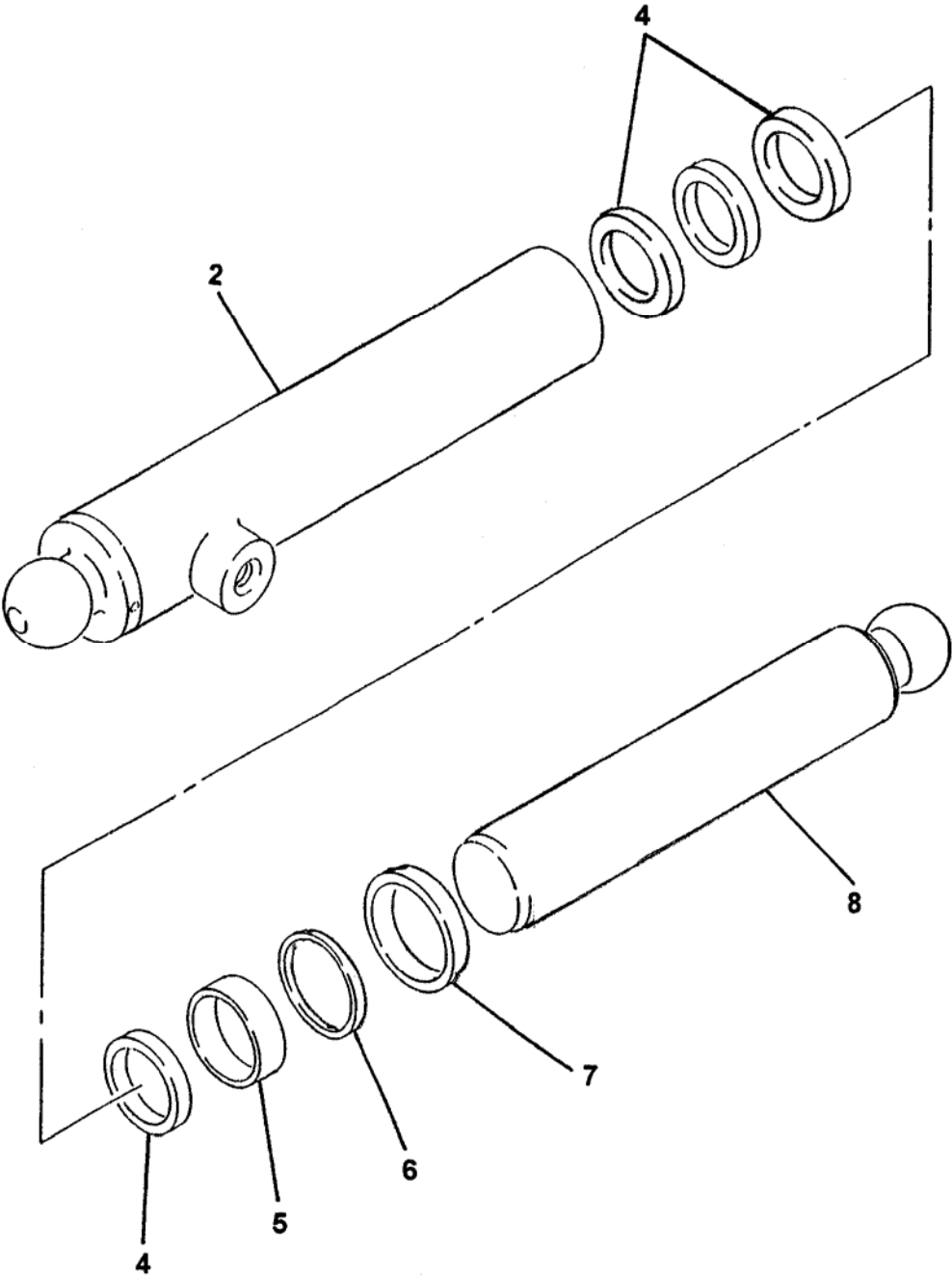
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
42		• • Washer, Flat (attaching parts)	4
43		• • Washer, Lock (attaching parts)	4
44		• • Bolt, Hex (attaching parts)	4
45	75501	• • Spacer	2
46	76798	• • Socket, Ball	4
47	86220	• • Assembly, Dual Shift Swing Ram Cylinder (See Group 60, Figure 03 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)	2
54		• • Washer, Lock	2
55	86283	• • Bolt, Hex	2
56	86282	• • Retainer, Dual Shift Cylinder	1
57		• • Stud	2
58		• • Nut, Hex	2

DASH (-) ITEM NOT ILLUSTRATED



DUAL SHIFT
SWING RAM CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 03
PAGE 01





**DUAL SHIFT
SWING RAM CYLINDER ASSEMBLY**

B70
PARTS
GROUP 60
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86220	Assembly, Swing Ram Cylinder (See Group 60, Figure 02 for NHA)	Ref
2		• Weldment, Cylinder Case	1
-3	86220-SK	• Kit, Seal	1
4		• • Ring, Wear	1
5		• • U-Cup	1
6		• • Ring, Back Up	4
7		• • Wiper, Rod	1
8		• Weldment, Cylinder Rod	1

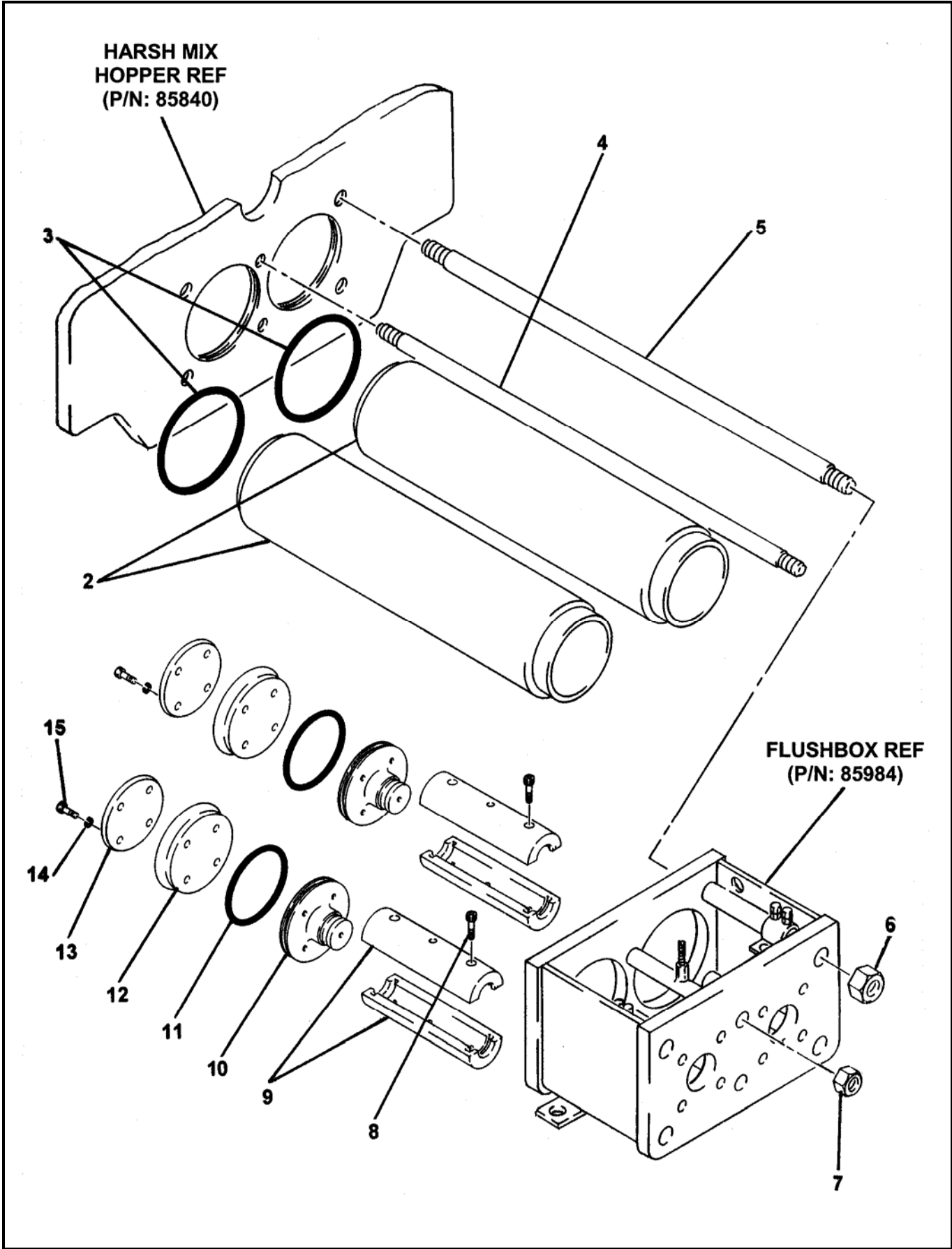
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



MATERIAL CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 04
PAGE 01



REVISION:



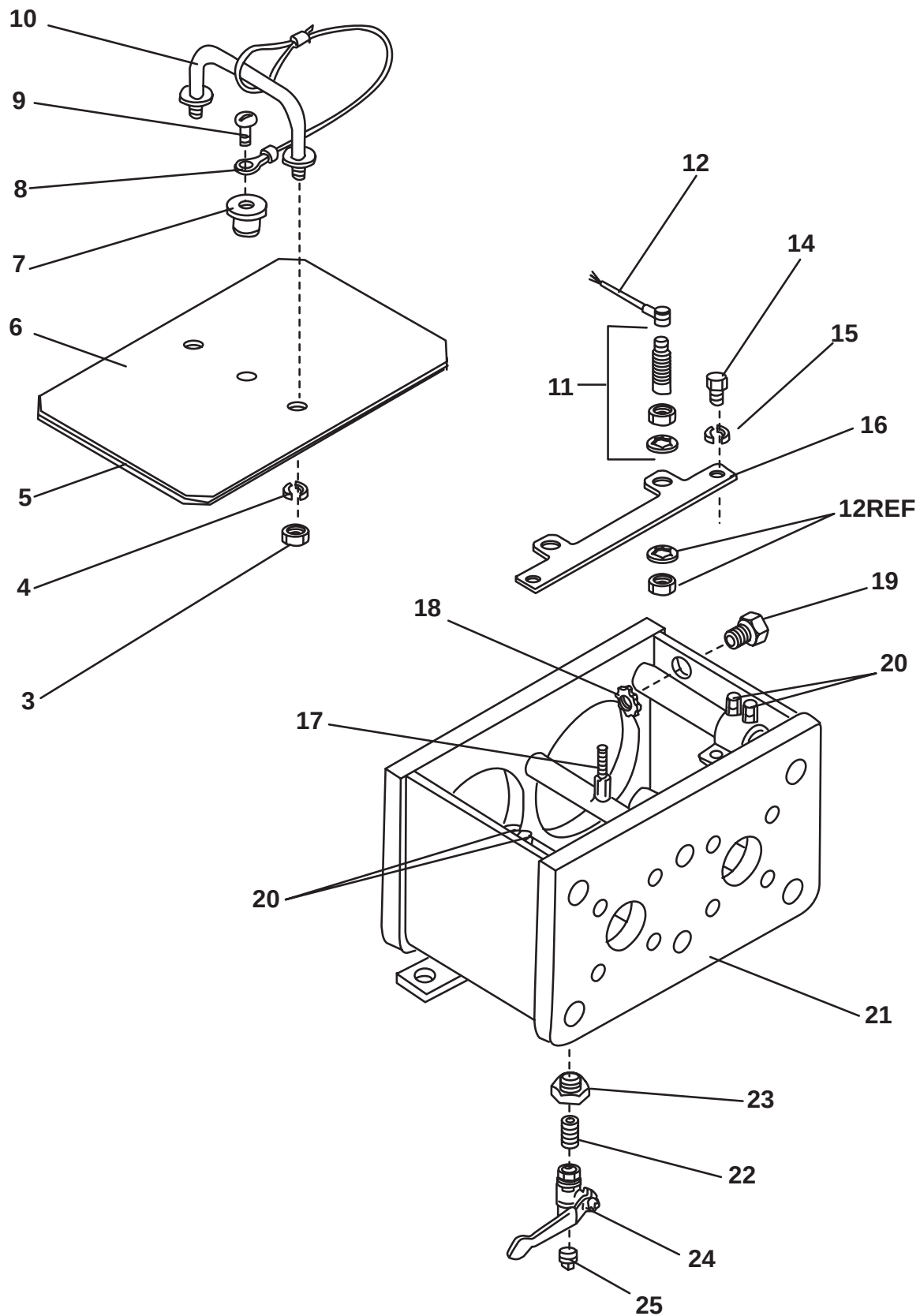
MATERIAL CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86310	Assembly, Material Cylinder (See Group 60, Figure 01 for NHA)	Ref
2	86045	• Cylinder, Material	2
3	86037	• O-Ring, Material Cylinder	2
4	86047	• Rod, Tie	2
5	86046	• Rod, Tie	4
6		• Nut, Hex (attaching Parts)	4
7		• Nut, Hex (attaching Parts)	2
8		• Screw, Cap	4
9	86101	• Coupling, Piston	2
10	77055	• Adapter, 7 Inch Piston	2
11	77056	• Ring, 7 Inch Wear	2
12	70504	• Cup, 7 Inch Piston	2
13	70505	• Plate, 7 Inch Piston	2
14		• Washer, Star (attaching Parts)	8
15		• Bolt, Hex (attaching Parts)	8

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



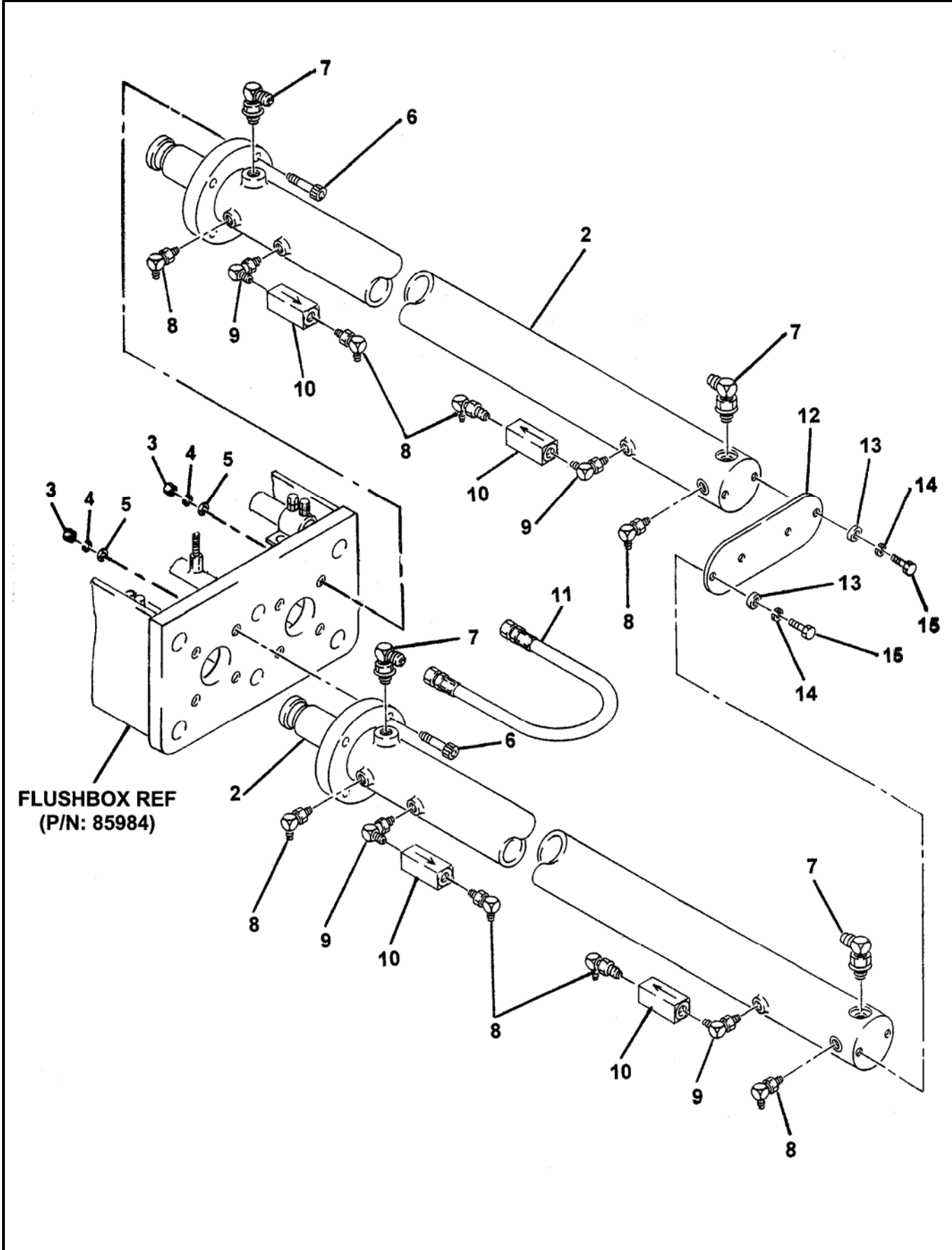
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-05	Assembly, Flushbox (See Group 60, Figure 01 for NHA)	Ref
-2	86106	• Assembly, Flush Box Cover	1
3		• • Nut, Hex	2
4		• • Washer, Lock	2
5	13257	• • Weatherstrip, Rubber	A/R
6	86010	• • Weldment, Flush Box Cover	1
7	86105	• • Knob	1
8	800418	• • 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	86308	• Assembly, 7 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	73783	• • Conduit, Fitting	1
20		• • Bolt, Hex	4
21	85984	• • Weldment, 7 Inch 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

B70
PARTS
GROUP 60
FIGURE 06
PAGE 01



REVISION:



HYDRAULIC DRIVE CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86304	Assembly, Hydraulic Drive Cylinder (See Group 60, Figure 01 for NHA)	Ref
2	86223	• Assembly, 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, 90	4
10	78961	• Valve, Check	4
11	85427	• Assembly, Tube	1
12	86544	• Plate, End	1
13		• Washer, Flat (attaching parts)	4
14		• Washer, Lock (attaching parts)	4
15		• Bolt, Hex (attaching parts)	4

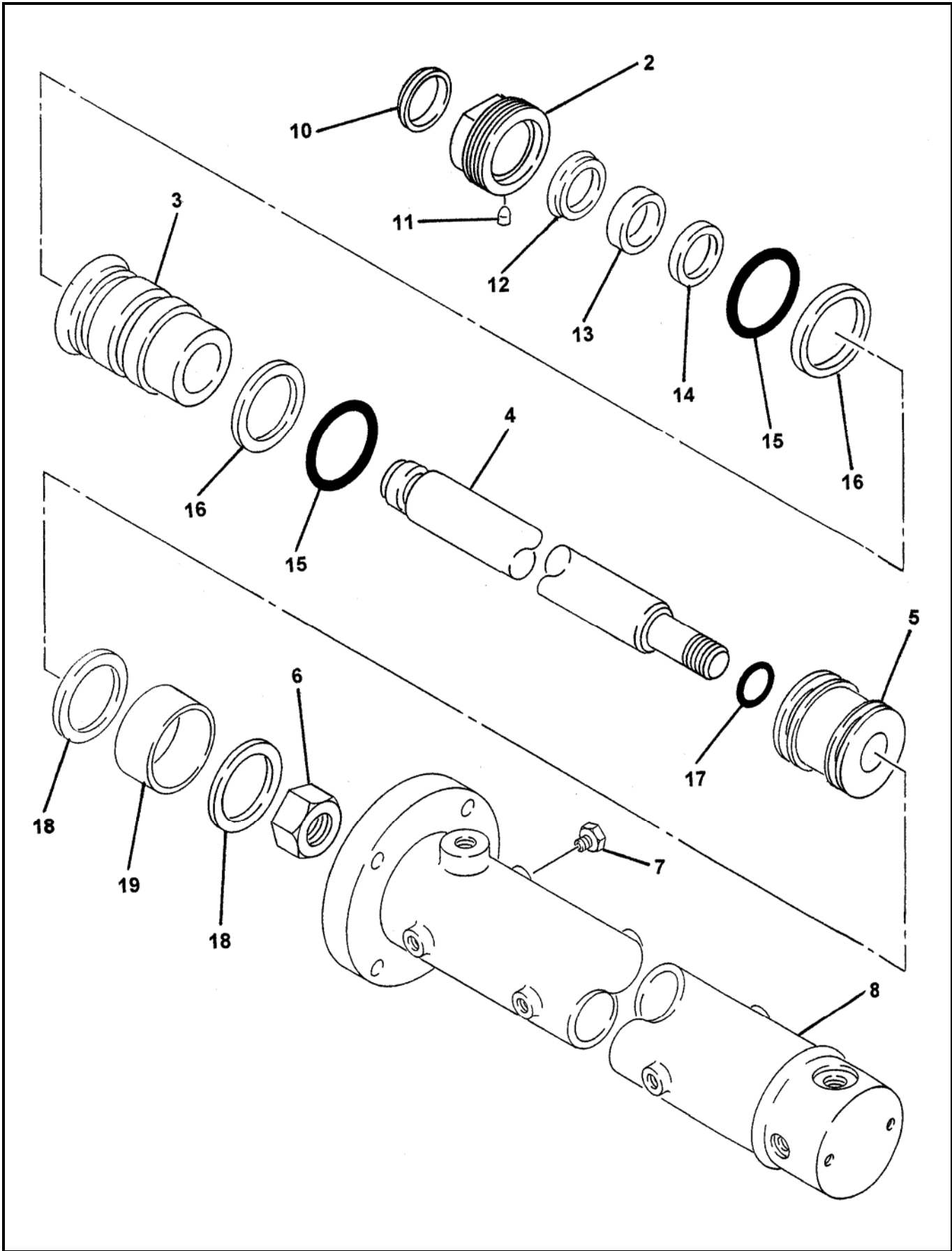
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



DRIVE CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 07
PAGE 01



REVISION:



DRIVE CYLINDER ASSEMBLY

B70
PARTS
GROUP 60
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86223	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	86223-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

REVISION:



TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL

B70
PARTS
GROUP 60
FIGURE 08
PAGE 01

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REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 70 FRAME INSTALLATION CONTAINS THE FOLLOWING FIGURES:

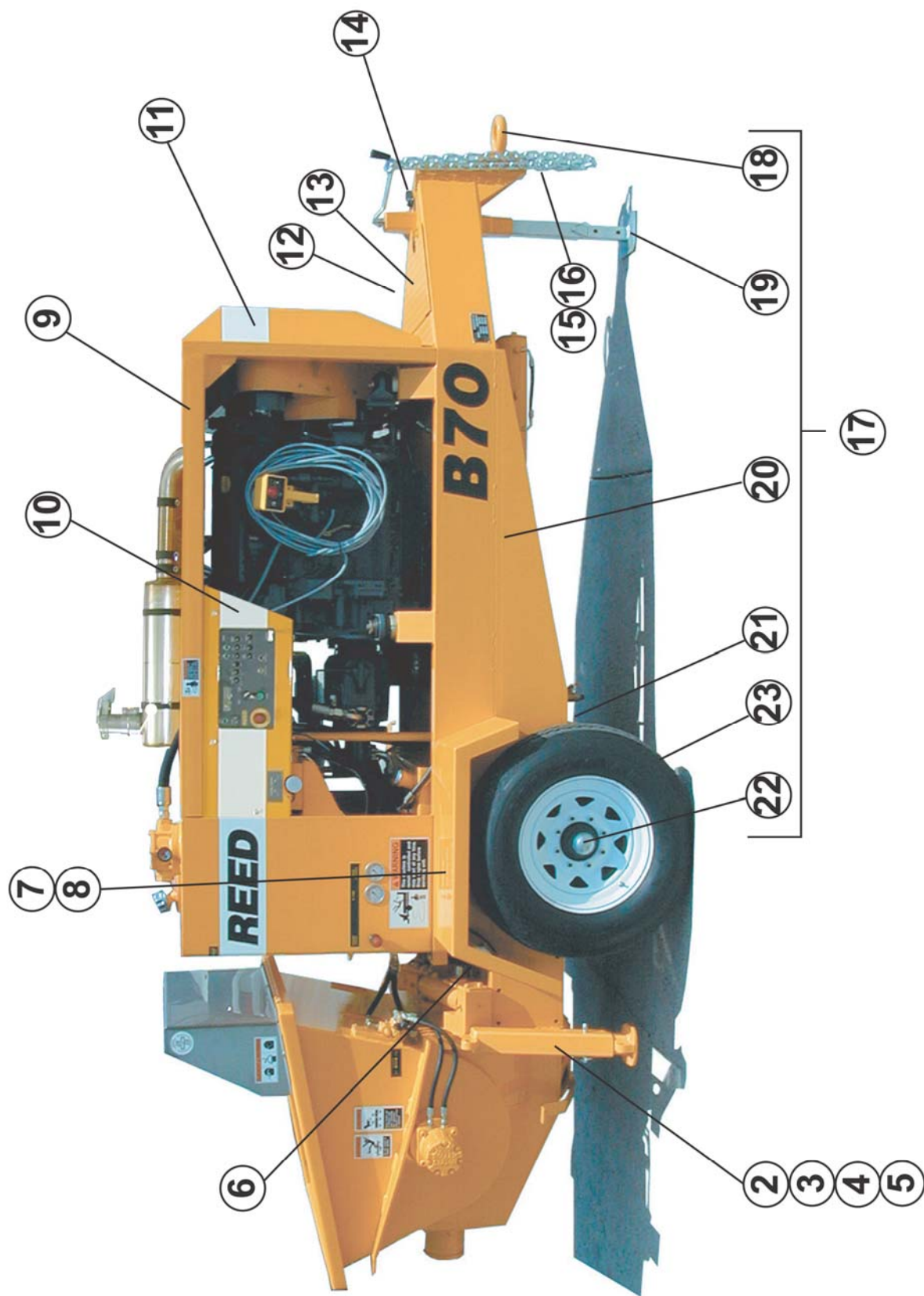
- FIGURE 00** TABLE OF CONTENTS
- FIGURE 01** FRAME INSTALLATION
- FIGURE 02** HUB AND BRAKE ASSEMBLY
- FIGURE 03** NON-OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY
- FIGURE 04** OPERATOR SIDE ELECTRIC BRAKE ASSEMBLY





FRAME INSTALLATION

B70
PARTS
GROUP 70
FIGURE 01
PAGE 01

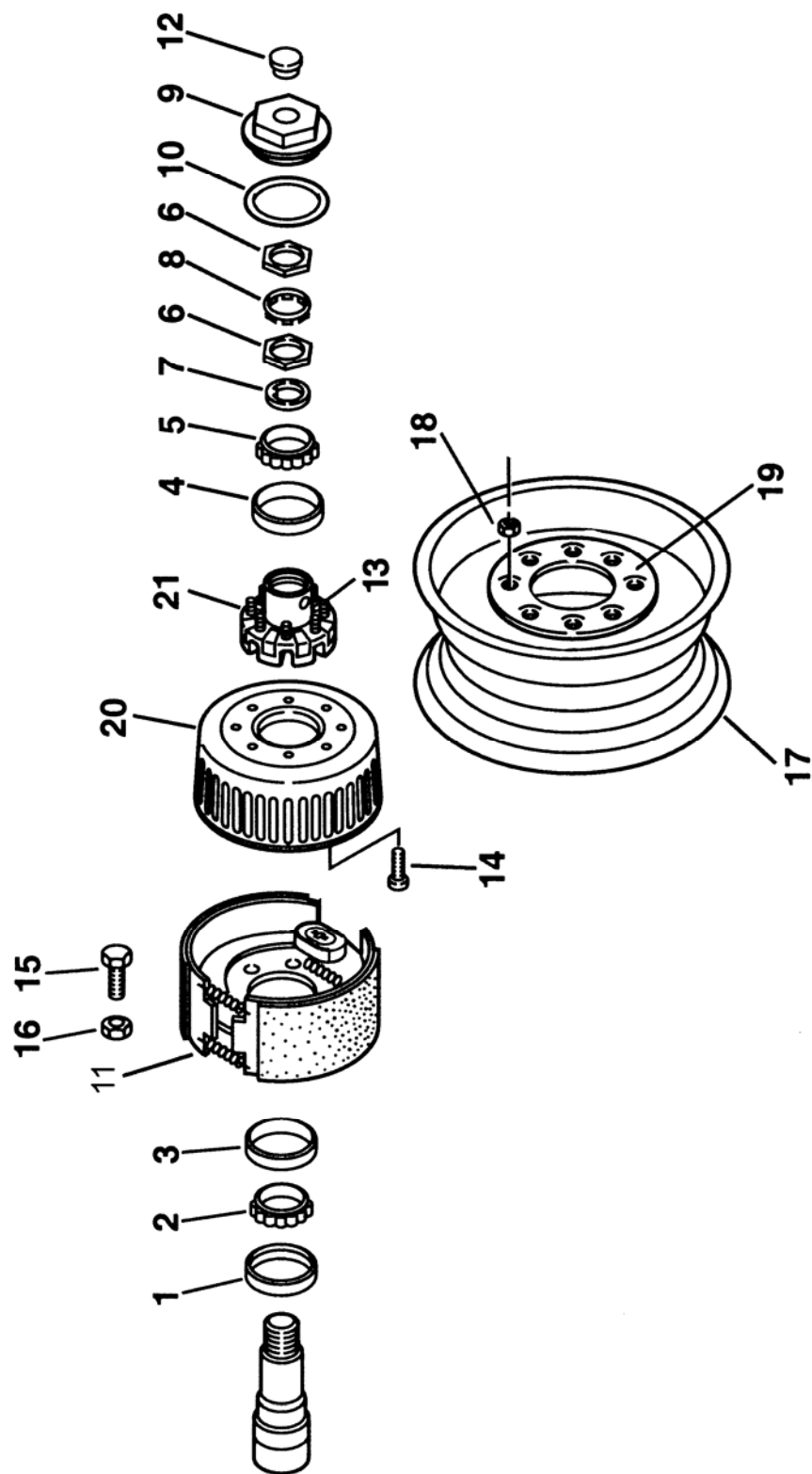


ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-01	Installation, Frame (See Group 10, Figure 01 for NHA)	Ref
2	86553	• Weldment, Outrigger Inner	2
3	86557	• Weldment, Outrigger Outer Tube	2
4	85595	• Pin, Outrigger Safety	2
5	800418	• Lanyard, Q/R Pin	2
6	72948	• Light, Tail	2
7	86959	• Weldment, Right Fender	1
8	86960	• Weldment, Left Fender	1
9	87737	• Panel, Top	1
10	87449	• Cover, Control Box	1
11A	87681	• Cover, Front	1
11B	87647	• Gusset	2
12	85338	• Cover, Tool Box	1
13	86533	• Assembly, Trailer Wiring Harness (See Schematic Section, Page 12 for REF)	1
14	77705	• Kit, Break Away	1
15A	87086	• • Chain Assembly	2
15B	87085	• Shackle Anchor	4
16	86730	• Chain, 3/8 Proof Coil GR 70-5.5 FT	2
17	87729	• Assembly, Frame	1
18	87037	• • Drawbar	1
19	85527	• • Weldment, Jack	1
20	87728	• • Weldment, Frame	1
21	86924	• • Axle-9000 lbs	1
22	70-02	• • Assembly, Hub and Brake (See Group 70, Figure 02 for DET)	1
23	86923	• • Assembly, Wheel and Tire	2
-24	73748	• Bumper	4

DASH (-) ITEM NOT ILLUSTRATED

HUB AND BRAKE ASSEMBLY

B70
PARTS
GROUP 70
FIGURE 02
PAGE 01



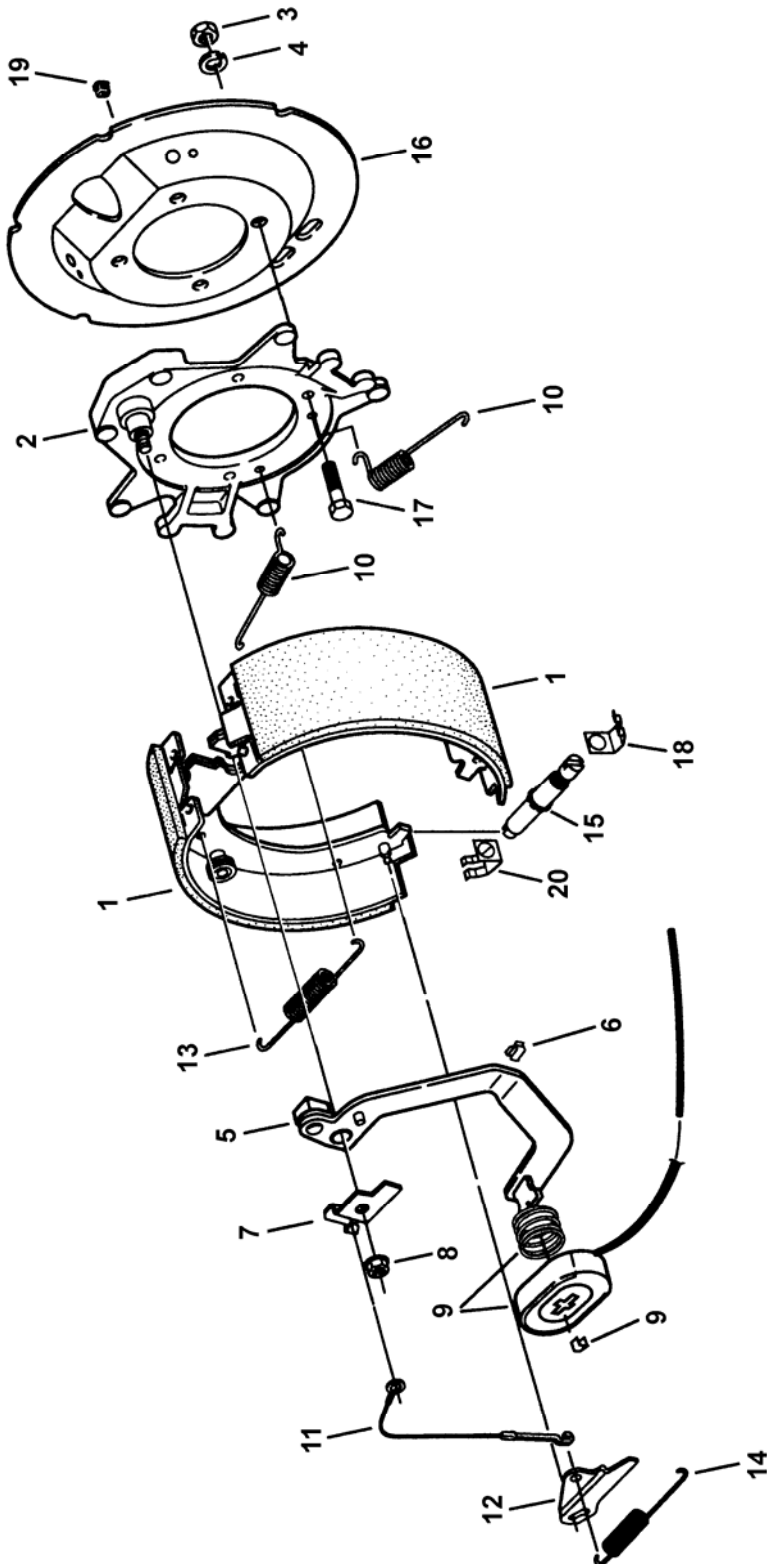
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1A	70-02	Assembly, Hub and Brake (Left and Right Side) (See Group 70, Figure 01 for NHA)	Ref
1		• Seal, Oil	1
2		• Cone, Inner Bearing	1
3		• Cup, Inner Bearing	1
4		• Cup, Outer Bearing	1
5		• Cone, Outer Bearing	1
6		• Nut, Spindle	2
7		• Washer, Spindle	1
8		• Washer, Tang	1
9*		• Cap, Oil	1
10*		• "O"-Ring	1
11		• LH/RH Electric Brake Set -12 1/4" x 3 3/8"	Ref
12*		• Plug, Oil Cap	1
13		• Stud, Wheel 5/8"-18	8
14		• Screw, Drum Mounting	2
15		• Bolt, Brake Mounting	2
16		• Nut, Brake Mounting	2
17		• Wheel, Steel -17.5 x 6.75 (8 on 6.5 BC)	Ref
18		• Nut, Cone 5/8"-18 90°	8
19		• Ring, Clamp	1
20		• Drum, Brake	1
21		• Hub, Oil W/Cups and Studs	1
22	87023	• Oil Cap Kit-(* includes Items 9,10 & 12)	1

DASH (-) ITEM NOT ILLUSTRATED



NON OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY

B70
PARTS
GROUP 70
FIGURE 03
PAGE 01



**NON OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY**

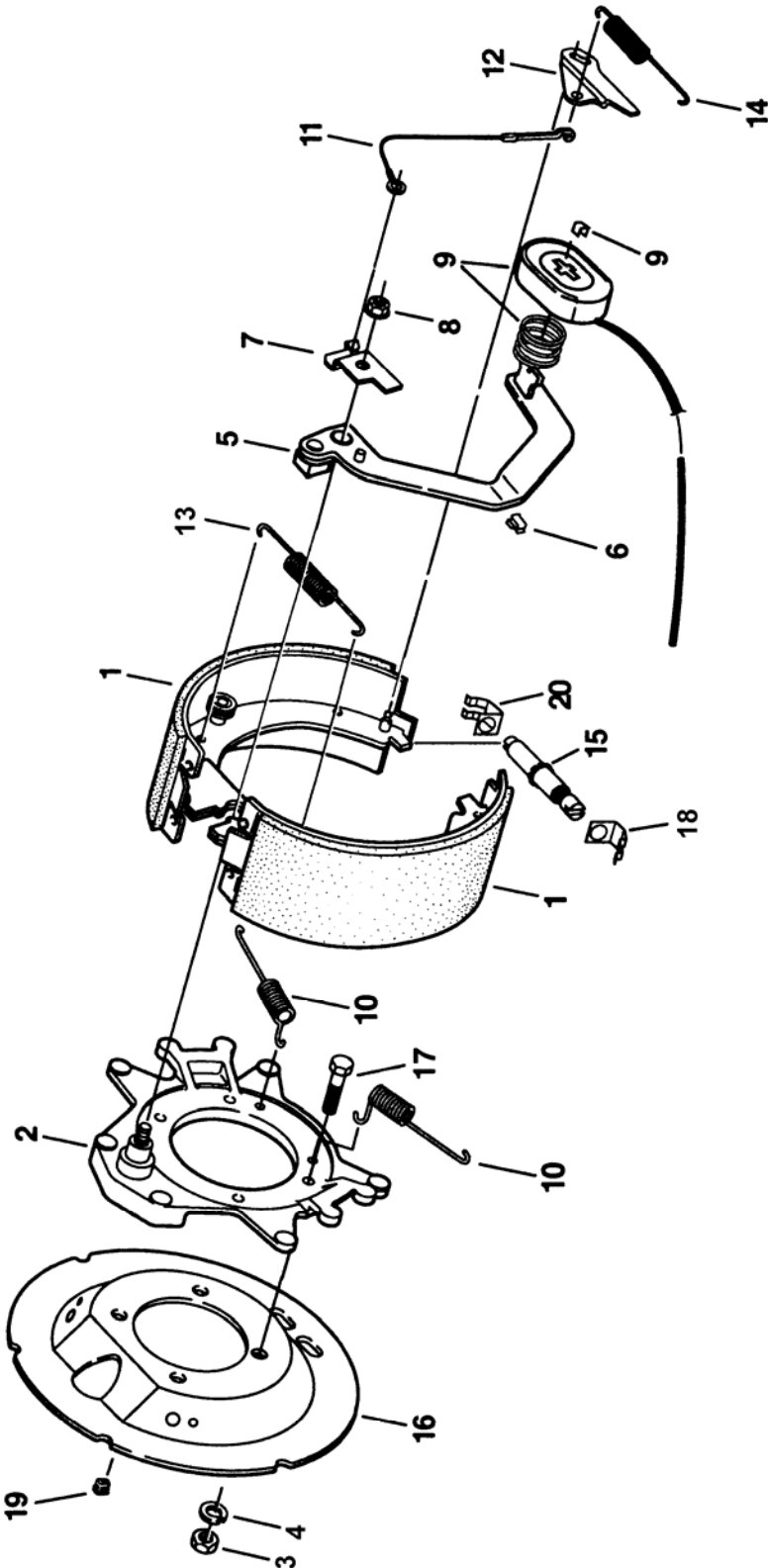
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1A	LH	Assembly, Non-Operator Side Electric Brake (Left Side) (See Group 70, Figure 02 for NHA)	Ref
1		• LH Shoe & Lining Kit	1
2		• Backing Plate Assembly	1
3		• Brake Mounting Nut	4
4		• Lockwasher	4
5		• LH Actuating Arm Assembly	1
6		• Wire Clip	3
7		• LH Arm/Shoe Retainer	1
8		• Flange Nut	1
9		• Magnet Kit	1
10		• Centering Spring	2
11		• Adjuster Cable	1
12		• LH Adjuster Lever	1
13		• Return Spring	1
14		• Adjuster Spring	1
15		• LH Adjuster Assembly (Silver)	1
16		• Dust Shield	1
17		• Brake Mounting Bolt	4
18		• Adjuster Clip (Thread End)	1
19		• Wire Grommet	1
20		• Adjuster Clip (Barrel End)	1
21		•	-
22		•	-
23		•	-
24		• DASH (-) ITEM NOT ILLUSTRATED	-

REVISION:



OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY

B70
PARTS
GROUP 70
FIGURE 04
PAGE 01



REVISION:

**OPERATOR SIDE
ELECTRIC BRAKE ASSEMBLY**

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1A	RH	Assembly, Operator Side Electric Brake (Right Side) (See Group 70, Figure 02 for NHA)	Ref
1		• RH Shoe & Lining Kit	1
2		• Backing Plate Assembly	1
3		• Brake Mounting Nut	4
4		• Lockwasher	4
5		• RH Actuating Arm Assembly	1
6		• Wire Clip	3
7		• RH Arm/Shoe Retainer	1
8		• Flange Nut	1
9		• Magnet Kit	1
10		• Centering Spring	2
11		• Adjuster Cable	1
12		• RH Adjuster Lever	1
13		• Return Spring	1
14		• Adjuster Spring	1
15		• RH Adjuster Assembly (Gold)	1
16		• Dust Shield	1
17		• Brake Mounting Bolt	4
18		• Adjuster Clip (Thread End)	1
19		• Wire Grommet	1
20		• Adjuster Clip (Barrel End)	1
21		•	-
22		•	-
23		•	-
24		• DASH (-) ITEM NOT ILLUSTRATED	-

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TRAILER MOUNTED PUMP MODEL *B70*
ILLUSTRATED PARTS MANUAL

B70
PARTS
GROUP 70
FIGURE 05
PAGE 01

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REED TRAILER MOUNTED CONCRETE PUMP 05 MODEL B70 ILLUSTRATED PARTS MANUAL GROUP 80 OPTIONAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

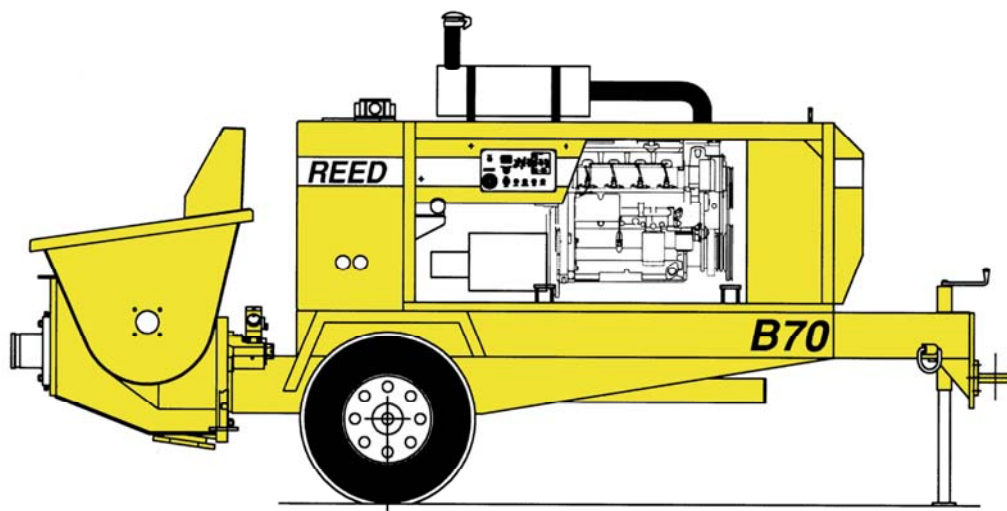
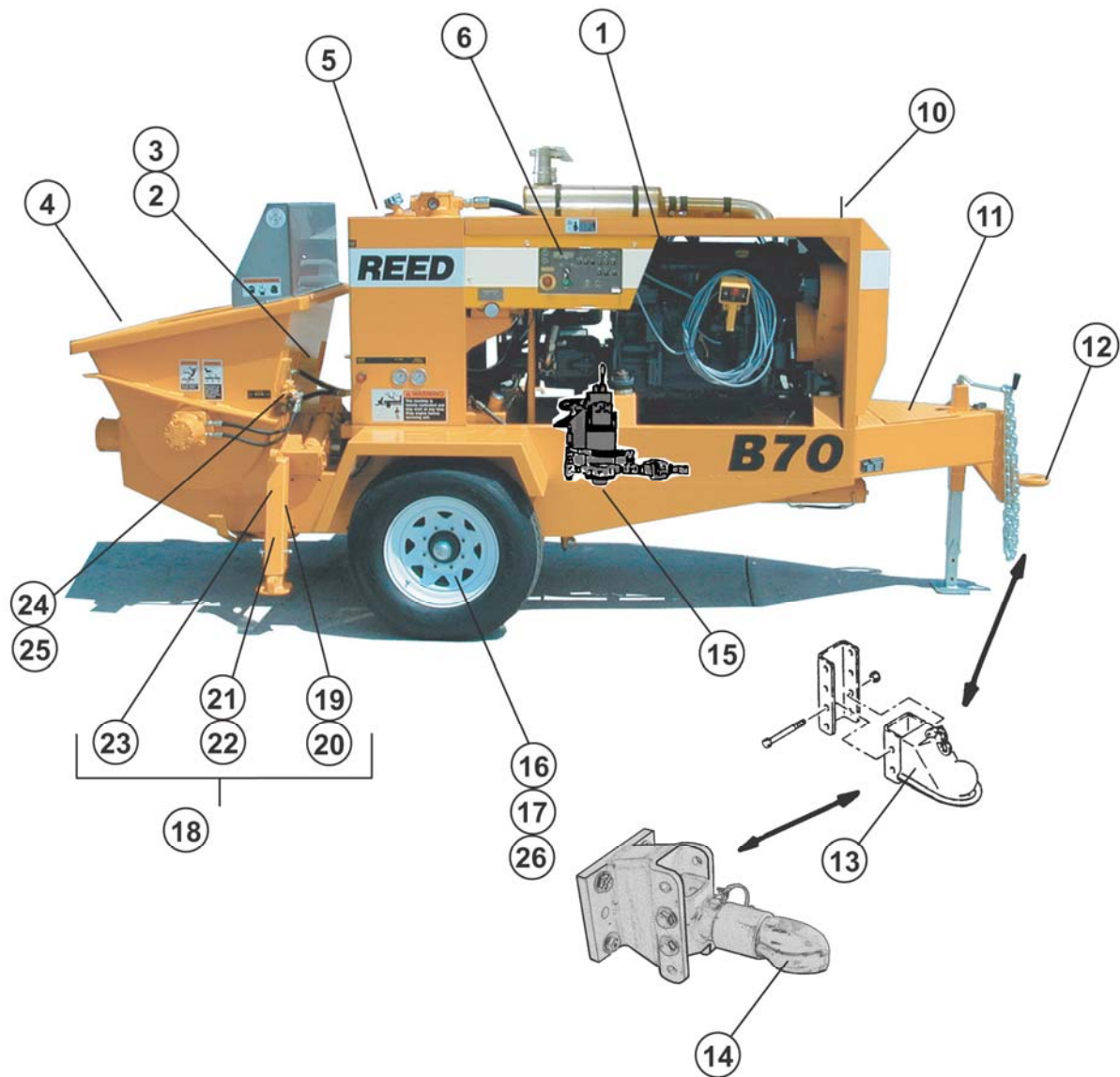
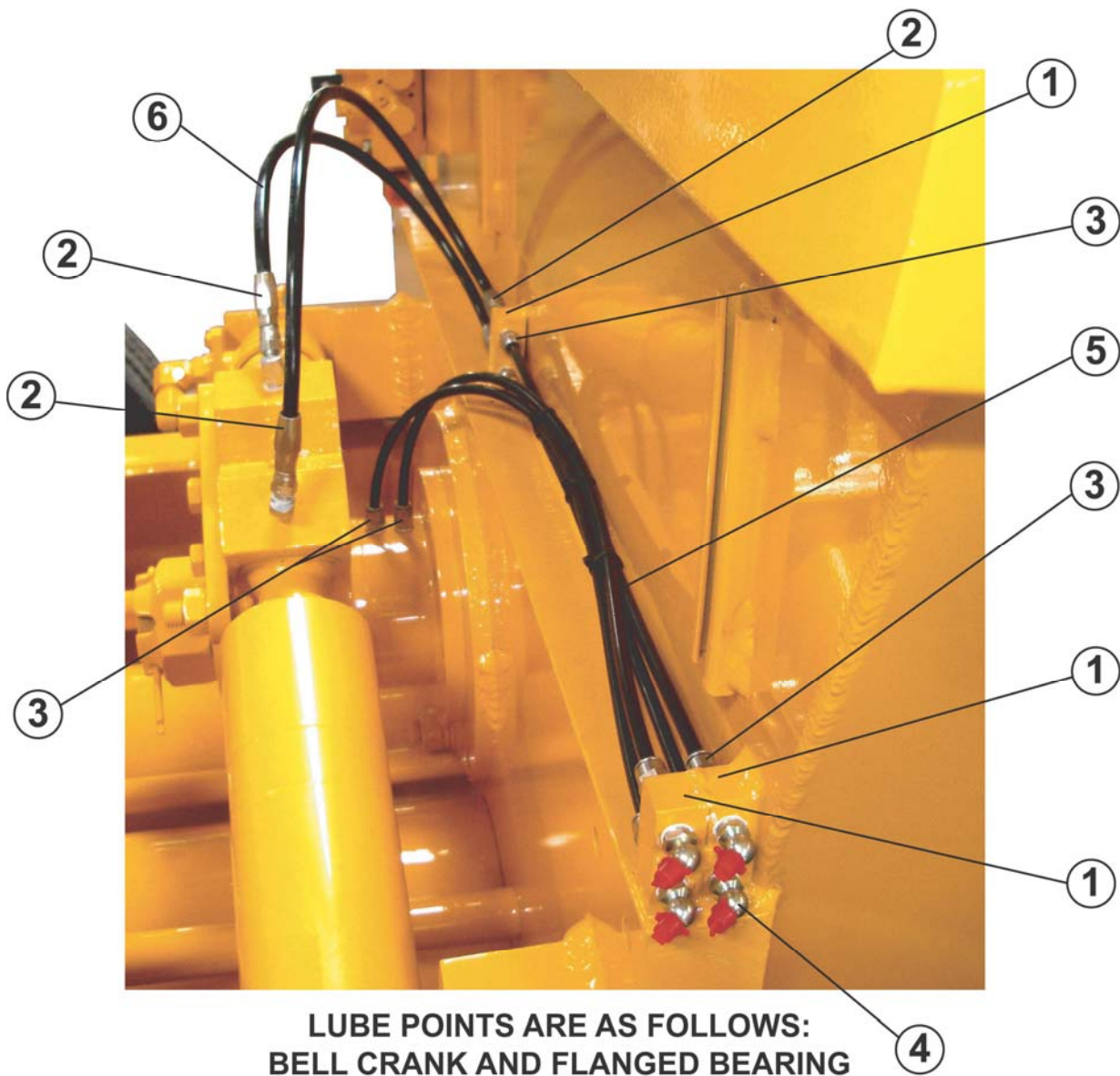


FIGURE 00	TABLE OF CONTENTS
FIGURE 01	OPTIONAL INSTALLATION
FIGURE 02	CENTRALIZED LUBE BLOCK ASSEMBLY
FIGURE 03	AUTOLUBE 12 VOLT LUBE PUMP ASSEMBLY
FIGURE 04	12 VOLT LUBE PUMP ASSEMBLY
FIGURE 05	HOPPER VIBRATOR ASSEMBLY
FIGURE 06	ACCUMULATOR CHARGE KIT
FIGURE 07	OPTIONAL TOOL KIT ASSEMBLY
FIGURE 08	SURGE BRAKES ASSEMBLY-PINTLE HITCH
FIGURE 09	WATER PUMP INSTALLATION
FIGURE 10	WATER PUMP CONTROL VALVE ASSEMBLY
FIGURE 11	WATER PUMP MOTOR ASSEMBLY
FIGURE 12	WATER PUMP ASSEMBLY
FIGURE 13	NON-OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 14	OPERATOR SIDE HYDRAULIC BRAKE ASSEMBLY
FIGURE 15	HYDRAULIC OUTRIGGER CYLINDER ASSEMBLY
FIGURE 16	1 SPOOL CONTROL VALVE ASSEMBLY
FIGURE 17	1 SPOOL CONTROL VALVE SUB-ASSEMBLY
FIGURE 18	2 SPOOL CONTROL VALVE ASSEMBLY
FIGURE 19	2 SPOOL CONTROL VALVE SUB-ASSEMBLY
FIGURE 20	TIRE & WHEEL ASSEMBLY - ALUMINUM
FIGURE 21	50 FEET STROKE COUNTER REMOTE CONTROLLER



ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-01	Installation, Optional (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	80-02	• Assembly, Centralized Lube (See Group 80, Figure 02 for DET)	1
3	80-03	• Assembly, AUTOLUBE 12 Volt Lube Pump (See Group 80, Figure 03 for DET)	1
4	80-05	• Assembly, Hopper Vibration (See Group 80, Figure 05 for DET)	1
-5	87859	• Assembly, Optional Lifting	1
-6	87346-2	• Assembly, Stroke Counter (Part of Control Box)	1
-7	(Special Order)	• Assembly, Side Security Doors	1
8	71460	• Kit, Accumulator Charge (See Group 80, Figure 06 for DET)	1
9	30-11	• Kit, Bladder Repair (See Group 30, Figure 11 for REF)	1
10	87348-1	• Assembly, Radio Remote Control (See Group 50, Figure 05 for REF)	1
11	79020	• Assembly, Optional Tool Kit (See Group 80, Figure 07 for DET)	1
12	80-08	• Assembly, Surge Brake-Pintle Hitch (See Group 80, Figure 08 for DET)	1
-13	87497	• Assembly, Surge Brake-2" Ball Coupler	1
-14	87482	• Assembly, Adjustable Ball Coupler 2 – 5/16"	1
15	86400	• Installation, Water Pump (See Group 80, Figure 09 for DET)	1
16	80-13	• Assembly, Non-Operator Side Hydraulic Brake (See Group 80, Figure 13 for DET)	1
17	80-14	• Assembly, Operator Side Hydraulic Brake (See Group 80, Figure 14 for DET)	1
-18	86334	• Group, Hydraulic Outrigger	1
19	85685	• • Assembly, Tube	1
20	85686	• • Assembly, Tube	1
21	85659-010	• • Assembly, Hose (See Schematic Section, Figure 05 for REF)	4
-22	86728-008	• • Elbow, 90	4
-22A	800919	• • Decal, Warning-"Stand Clear of Outriggers"	2
-22B	801902-020	• • Tube Clamp	4
23	86574	• • Assembly, Hydraulic Outrigger Cylinder (See Group 80, Figure 15 for DET)	2
24	80-16	• Assembly, 1 Spool Valve (See Group 80, Figure 16 for DET)	1
25	80-18	• Assembly, 2 Spool Valve (See Group 80, Figure 18 for DET)	1
26	80-20	• Assembly, Tire & Wheel - Aluminum (See Group 80, Figure 20 for DET)	1
-27	80-21	• Assembly, 50 Feet Remote Control Stroke Counter (See Group 80, Figure 21 for DET)	1
-28	(Special Order)	• Assembly, 100 Feet Remote Control Stroke Counter (See Group 80, Figure 22 for DET)	1
DASH (-) ITEM NOT ILLUSTRATED			





CENTRALIZED LUBE BLOCK ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 02
PAGE 02

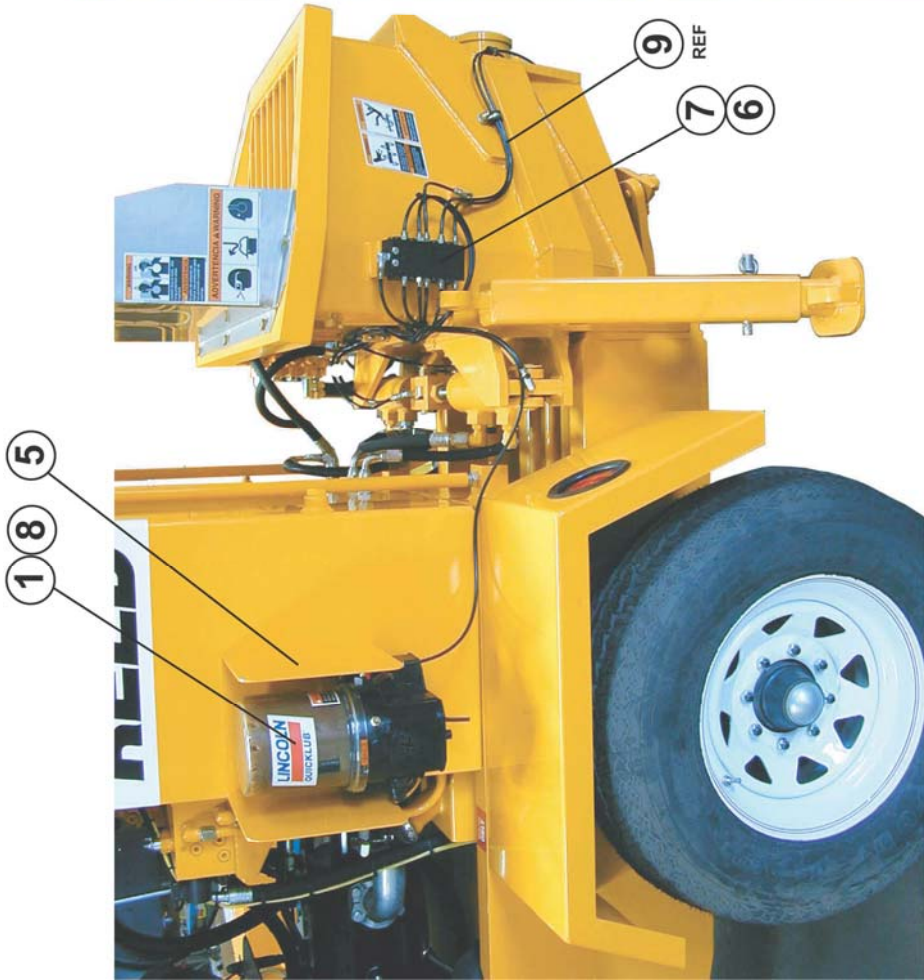
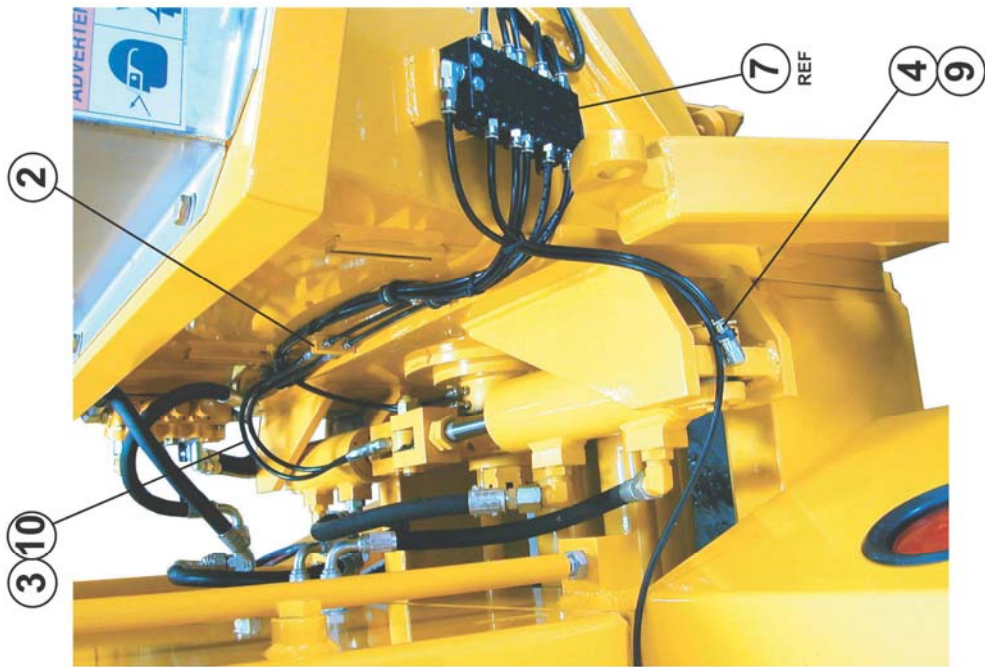
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
A	87539	Assembly, Centralized Lube Block (See Group 80, Figure 01 for NHA)	Ref
1	87437	• Block, Union-Lincoln Lube	3
2	87628	• Hose Coupling	4
3	87629	• Fitting, Hose	8
-4		• Fitting, Lube 45-1/8 NPT	4
-5		• Hose, Plastic-1/4" O.D. Tubing	A/R
-6		• Hose, Plastic-5/16" O.D. Tubing	A/R
		DASH (-) ITEM NOT ILLUSTRATED	

REVISION:



AUTOLUBE 12 VOLT PUMP ASSEMBLY
(PLASTIC TUBING)

B70
PARTS
GROUP 80
FIGURE 03
PAGE 01



LUBE POINTS ARE AS FOLLOWS:
BELL CRANK, FLANGED BEARING
SWING CYLINDERS, AGITATOR BEARINGS
AND OUTLET FLANGE



**AUTOLUBE 12 VOLT PUMP ASSEMBLY
(PLASTIC TUBING)**

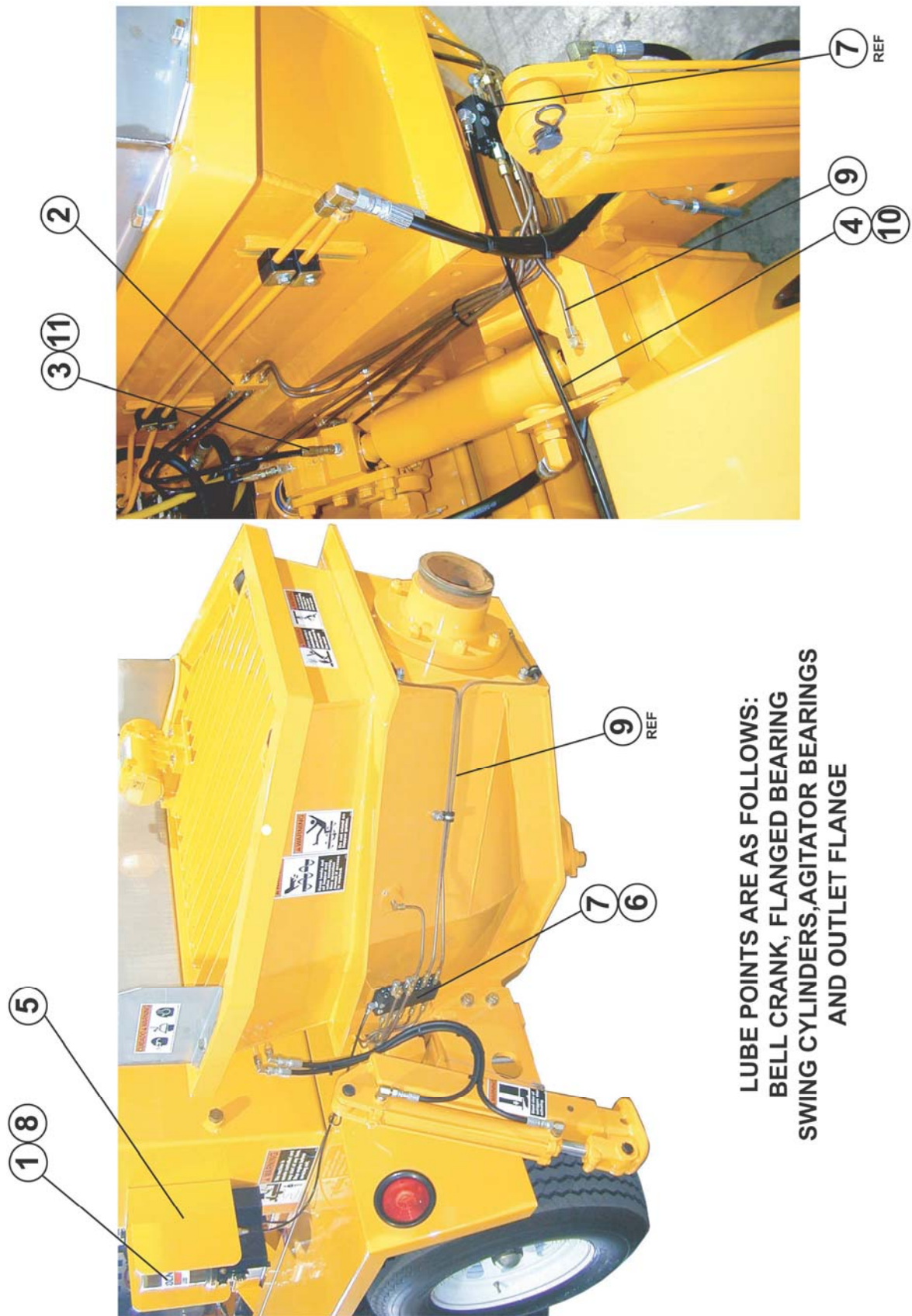
B70
PARTS
GROUP 80
FIGURE 03
PAGE 02

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
A	87476	Assembly, AUTOLUBE 12 Volt-Plastic Tubing (See Group 80, Figure 01 for NHA)	Ref
1	87193	• Lube Pump Assy-12V (Plastic Tubing)	1
2	87437	• Block, Union-Lincoln Lube	1
3	87628	• Hose Coupling	4
4	87629	• Fitting, Hose	22
5	87257	• Guard	1
6	87475	• Bracket, Lube Block Mount	1
7		• Block, Divider Valve-18 Outlets	1
8		• Valve, Pressure Relief	1
9		• Hose, Plastic-1/4" O.D.	A/R
10		• Hose, Plastic-5/16" O.D.	A/R
		DASH (-) ITEM NOT ILLUSTRATED	



AUTOLUBE 12 VOLT LUBE ASSEMBLY
(STEEL TUBING)

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PARTS
GROUP 80
FIGURE 03
PAGE 03





AUTOLUBE 12 VOLT LUBE ASSEMBLY (STEEL TUBING)

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PARTS
GROUP 80
FIGURE 03
PAGE 04

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
A	87485	Assembly, AUTOLUBE 12 Volt-Steel Tubing (See Group 80, Figure 01 for NHA)	Ref
1	87484	• Lube Pump Assy-12V (Steel Tubing)	1
2	87437	• Block, Union-Lincoln Lube	1
3	87628	• Hose Coupling	4
4	87629	• Fitting, Hose	2
5	87257	• Guard	1
6	87475	• Bracket, Lube Block Mount	1
7		• Block, Divider Valve-18 Outlets	1
8		• Valve, Pressure Relief	1
9		• Tubing, Steel-1/4" O.D.	A/R
10		• Hose, Plastic-1/4" O.D.	A/R
11		• Hose, Plastic-5/16" O.D.	A/R
		DASH (-) ITEM NOT ILLUSTRATED	

REVISION:

12 VOLT LUBE PUMP ASSEMBLY

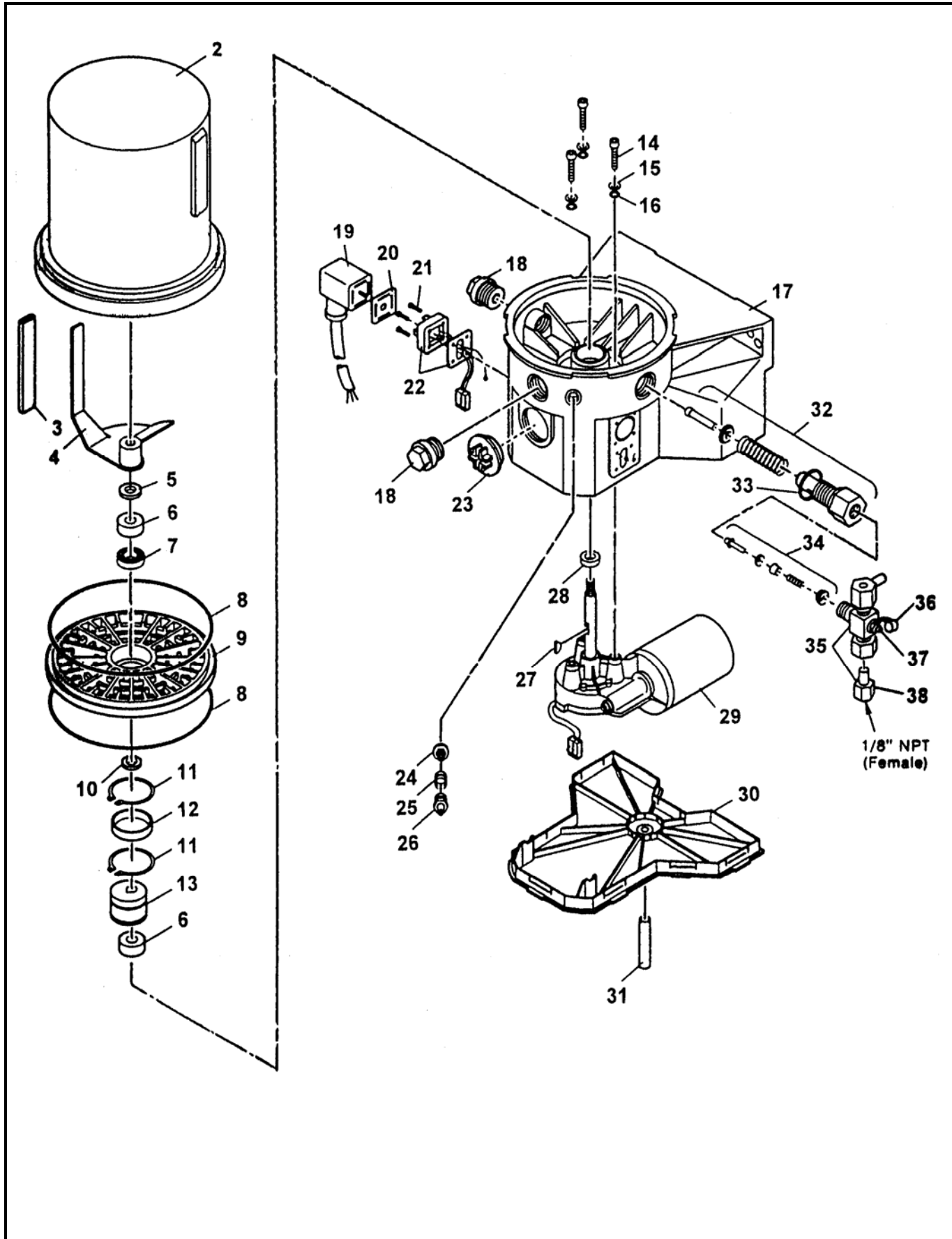
B70

PARTS

GROUP 80

FIGURE 04

PAGE 01



REVISION:

12 VOLT LUBE PUMP ASSEMBLY

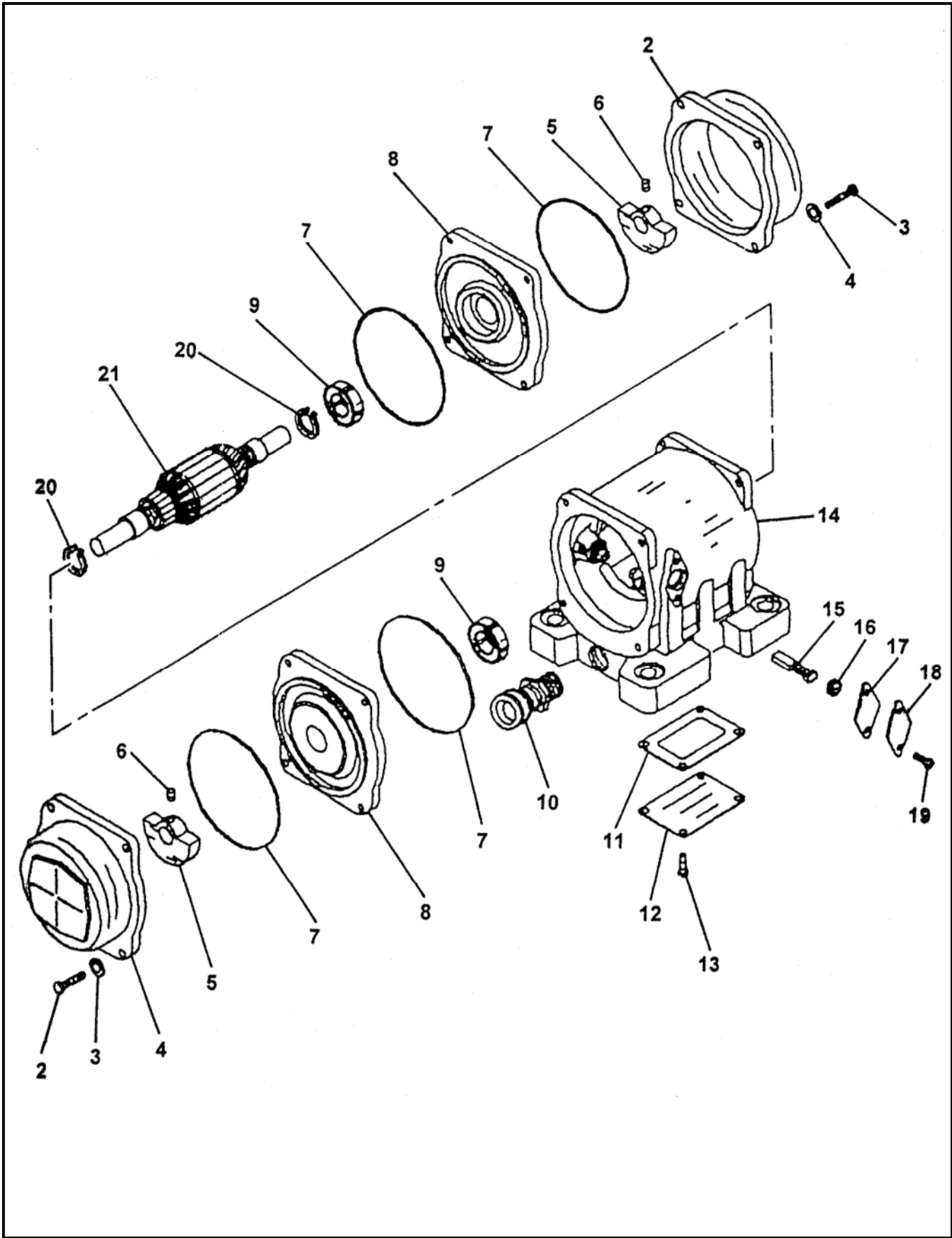
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	78736	Assembly, Lube Pump (See Group 80, Figure 01 for NHA)	Ref
2		• Reservoir	1
3		• House	1
4		• Paddle, Stirring	1
5		• Washer	1
6		• Ring, Bearing	2
7		• Bearing	1
8		• O-Ring	2
9		• Plate, Intermediate	1
10		• Shim	1
11		• Ring, Snap	2
12		• 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 Relies	1
36		• Cap, Grease	1
37		• Fitting, Grease	1
38		• Assembly, Adapter for Relief	1

DASH (-) ITEM NOT ILLUSTRATED



HOPPER VIBRATOR ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 05
PAGE 03



REVISION:

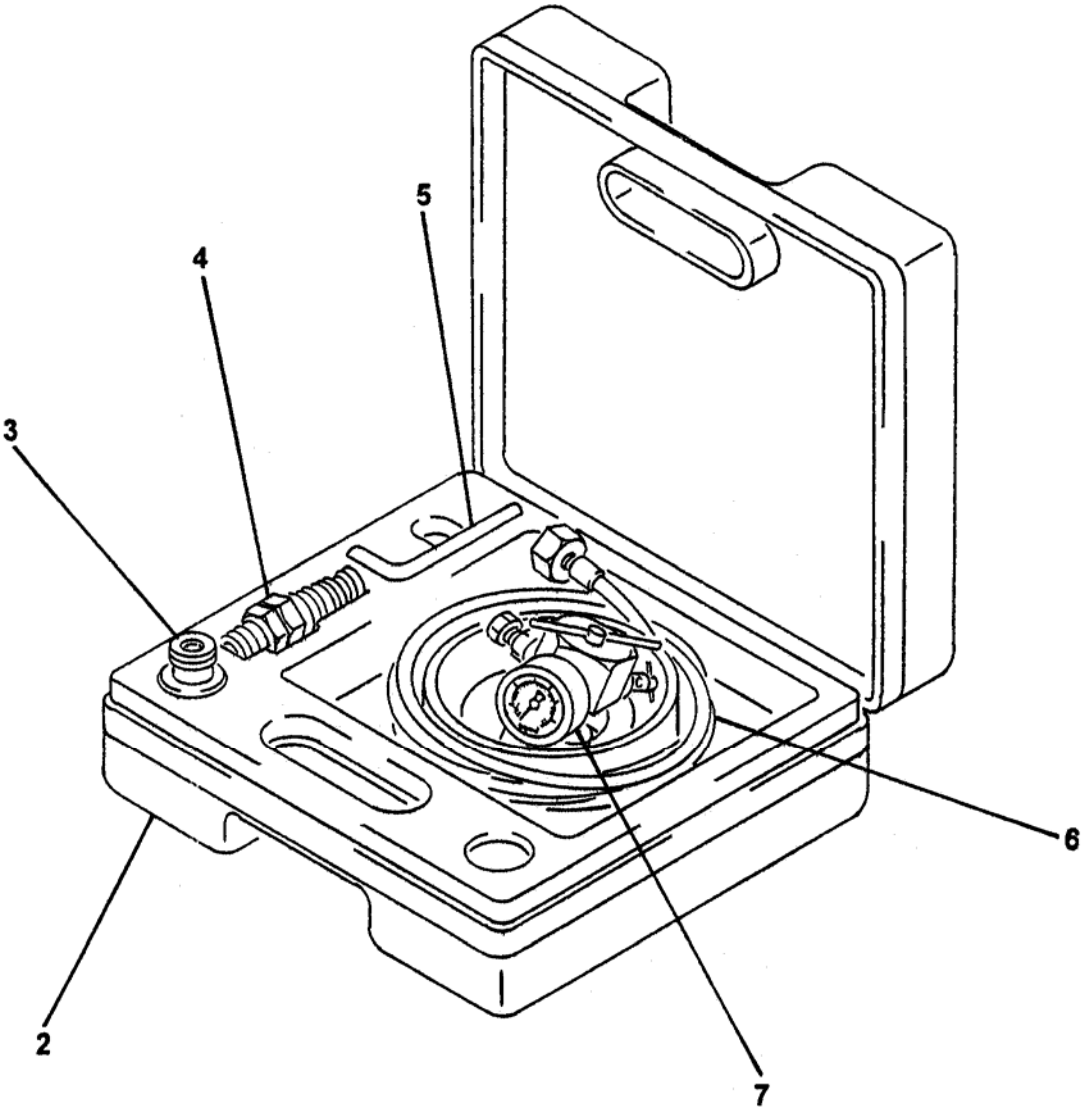
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	71429	Assembly, Hopper Vibrator (See Group 80, Figure 01 for NHA)	Ref
2		• Cap, End	2
3		• Bolt (attaching parts)	8
4		• Washer, Lock (attaching parts)	8
5		• Weight	2
6		• Screw, Set (attaching parts)	2
7		• O-Ring	4
8		• Bell, End	2
9		• Bearing	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



ACCUMULATOR CHARGE KIT

B70
PARTS
GROUP 80
FIGURE 06
PAGE 01





ACCUMULATOR CHARGE KIT

B70
PARTS
GROUP 80
FIGURE 06
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

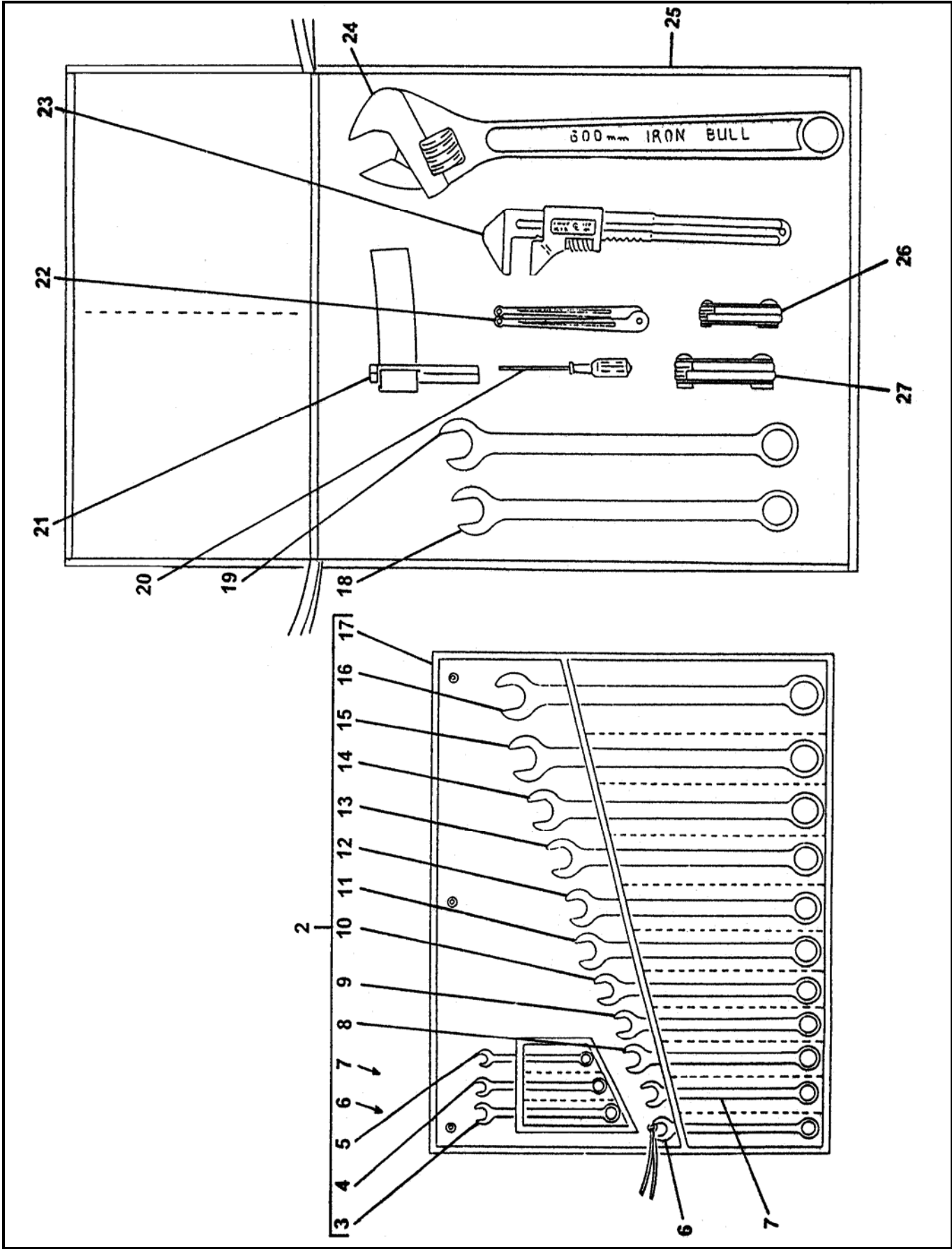
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



OPTIONAL TOOL KIT ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 07
PAGE 01



REVISION:

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

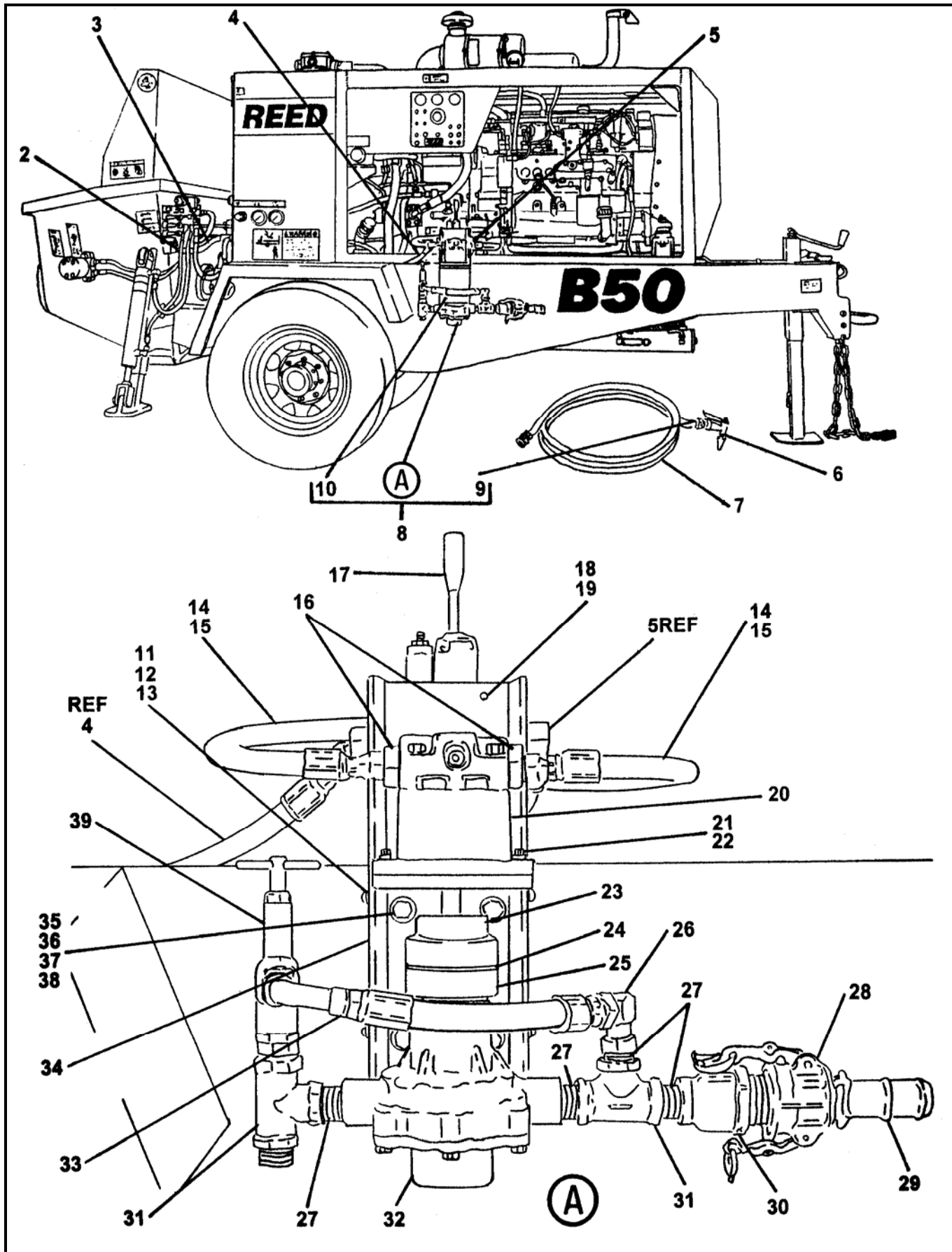
REVISION:

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	87602	Assembly, Surge Brakes-B20 Pintle Hitch (3" Eye) (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
-30	86915	• Actuator, Surge Brake-6000 LBS	1
-31	71051	• Eye-Lunette 3"	1
-32	71052	• Hydraulic Brake Kit-12" X 2"	1
-33	71030	• Torsion Spring-Brake Kit	1
-34	87601	• Bracket, Surge Brake Actuator Mounting	1
		DASH (-) ITEM NOT ILLUSTRATED	



WATER PUMP INSTALLATION

B70
PARTS
GROUP 80
FIGURE 09
PAGE 01



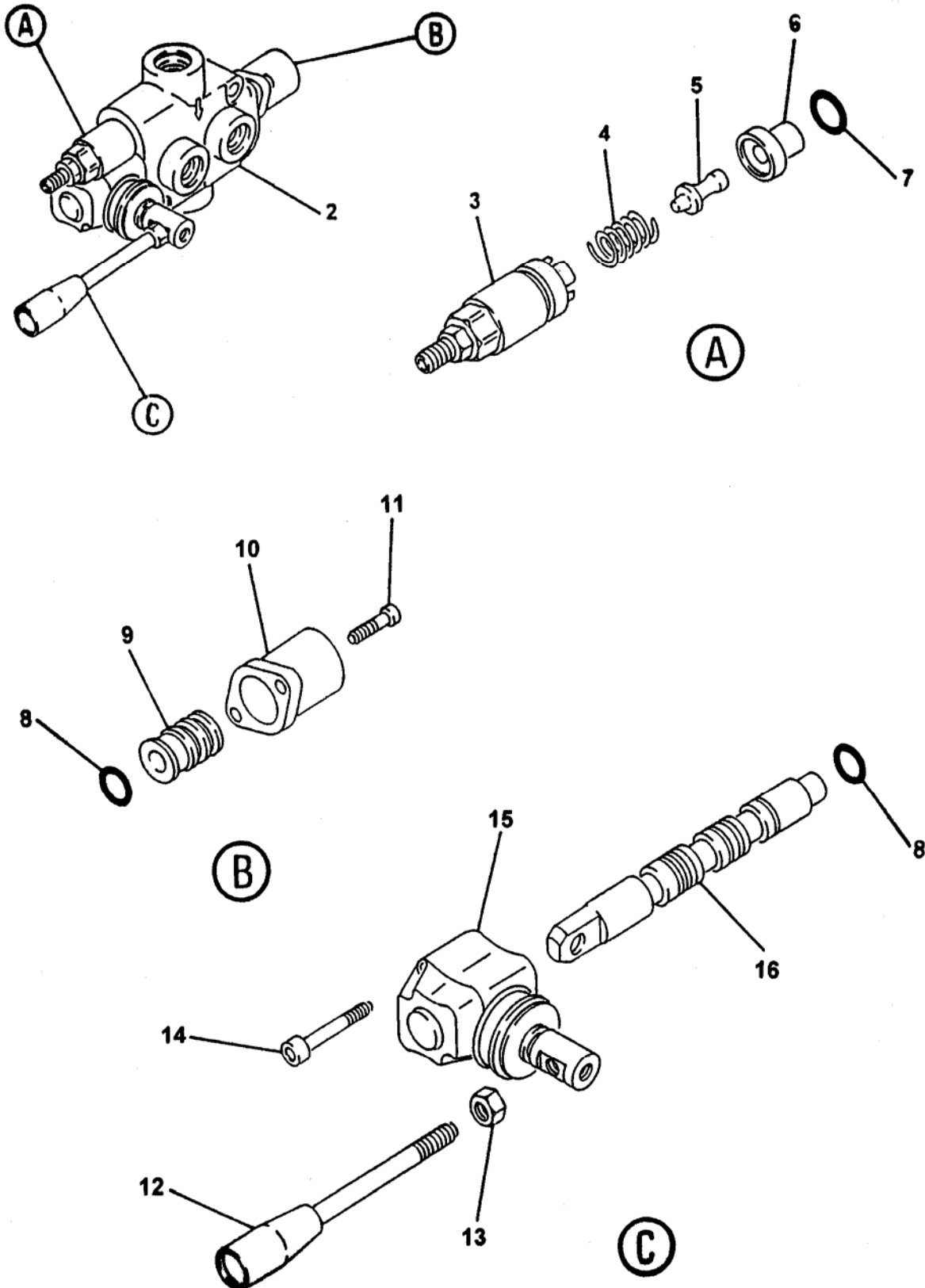
REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86400	Installation, Water Pump (See Group 80, Figure 01 for NHA)	Ref
2	86384	• Sleeve, Power Beyond	1
3		• Assembly, Hose	1
4		• Assembly, Hose	1
5		• Assembly, Hose	1
6	800098	• Nozzle, Garden Hose	1
7	86267	• Hose, Garden 20 FT	1
8	86200	• Kit, Wash Pump	1
9	800371	• • Fitting, Garden Hose	1
10	86199	• • Cover, Wash Pump	1
11		• • Screw (attaching parts)	4
12		• • Washer, SPL Lock (attaching parts)	4
13		• • Washer, Flat (attaching parts)	4
14		• • Fitting, 90	2
15	85658-002	• • Assembly, Hose	2
16		• • Fitting, STR	2
17	86397	• • Assembly, Water Pump Control Valve (See Group 80, Figure 10 for DET)	1
18		• • Bolt (attaching parts)	2
19		• • Washer, SPL Lock (attaching parts)	2
20	78152	• • Assembly, Water Pump Motor (See Group 80, Figure 11 for DET)	1
21		• • Bolt, Hex (attaching parts)	2
22		• • Washer, SPL Lock (attaching parts)	2
23	78153	• • Coupling, Wash Motor	1
24	78155	• • Spider	1
25	78154	• • Coupling, Wash Pump	1
26		• • Fitting, 90	1
27	40047	• • Nipple, Close, Pipe	5
28	10947	• • Coupling, Female Cam / Groove	1
29	10948	• • Coupling, Male Cam / Groove	1
30	86398	• • Reducer, Bell	1
31	10228	• • Tee	2
32	78157	• • Assembly, Water Pump (See Group 80, Figure 12 for DET)	1
33	85657-022	• • Assembly, Hose	1
34	86196	• • Weldment, Wash Pump Base	1
35		• • Bolt, Hex (attaching parts)	4
36		• • Washer, Flat (attaching parts)	8
37		• • Washer, SPL Lock (attaching parts)	4
38		• • Nut, Lock (attaching parts)	4
39	78128	• • Valve, Relief	1

DASH (-) ITEM NOT ILLUSTRATED

WATER PUMP CONTROL VALVE ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 10
PAGE 01





WATER PUMP CONTROL VALVE ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 10
PAGE 02

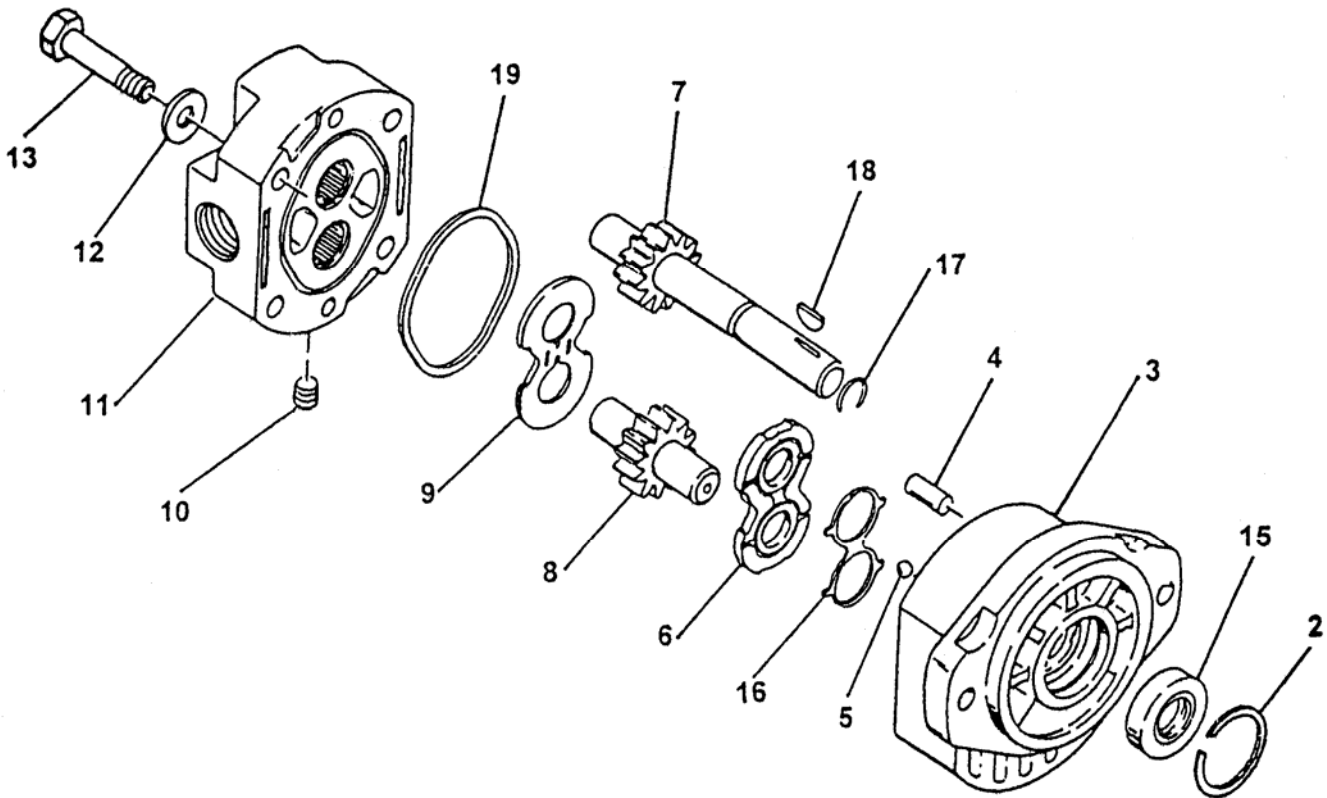
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86397	Assembly, Water Pump Control Valve (See Group 80, Figure 09 for NHA)	Ref
2		• Body, Valve	1
3		• Kit, Screw	1
4		• Spring	1
5		• Pin, Screw Kit	1
6		• Ring	1
7		• O-Ring	1
8		• O-Ring	2
9		• Kit, Spool Control	1
10		• Cap, Spool	1
11		• Screw, SOC (attaching Parts)	2
12		• Handle, Remixer Valve	1
13		• Nut (attaching parts)	1
14		• Screw, SOC	2
15		• Lever, L	1
16		• Spool	1

DASH (-) ITEM NOT ILLUSTRATED



WATER PUMP MOTOR ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 11
PAGE 01



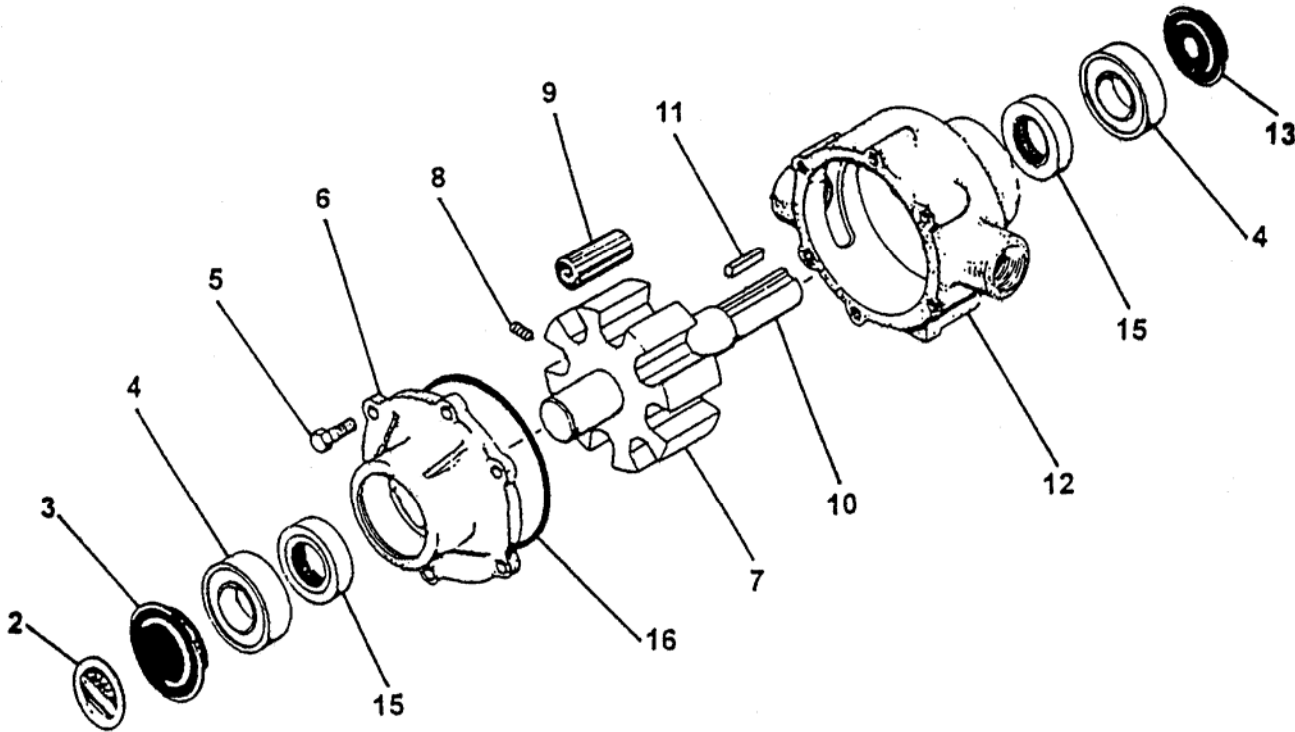
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	78152	Assembly, Wash Pump Motor (See Group 80, Figure 09 for NHA)	Ref
2		• Retainer	1
3		• Assembly, Body	1
4		• Pin, Dowel	2
5		• Bearing, Ball	2
6		• Plate, Wear	1
7		• Gear, Driven Wear	1
8		• Gear, Driven	1
9		• Plate, Thrust	1
10		• Plug, 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



WATER PUMP ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 12
PAGE 01



REVISION:

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

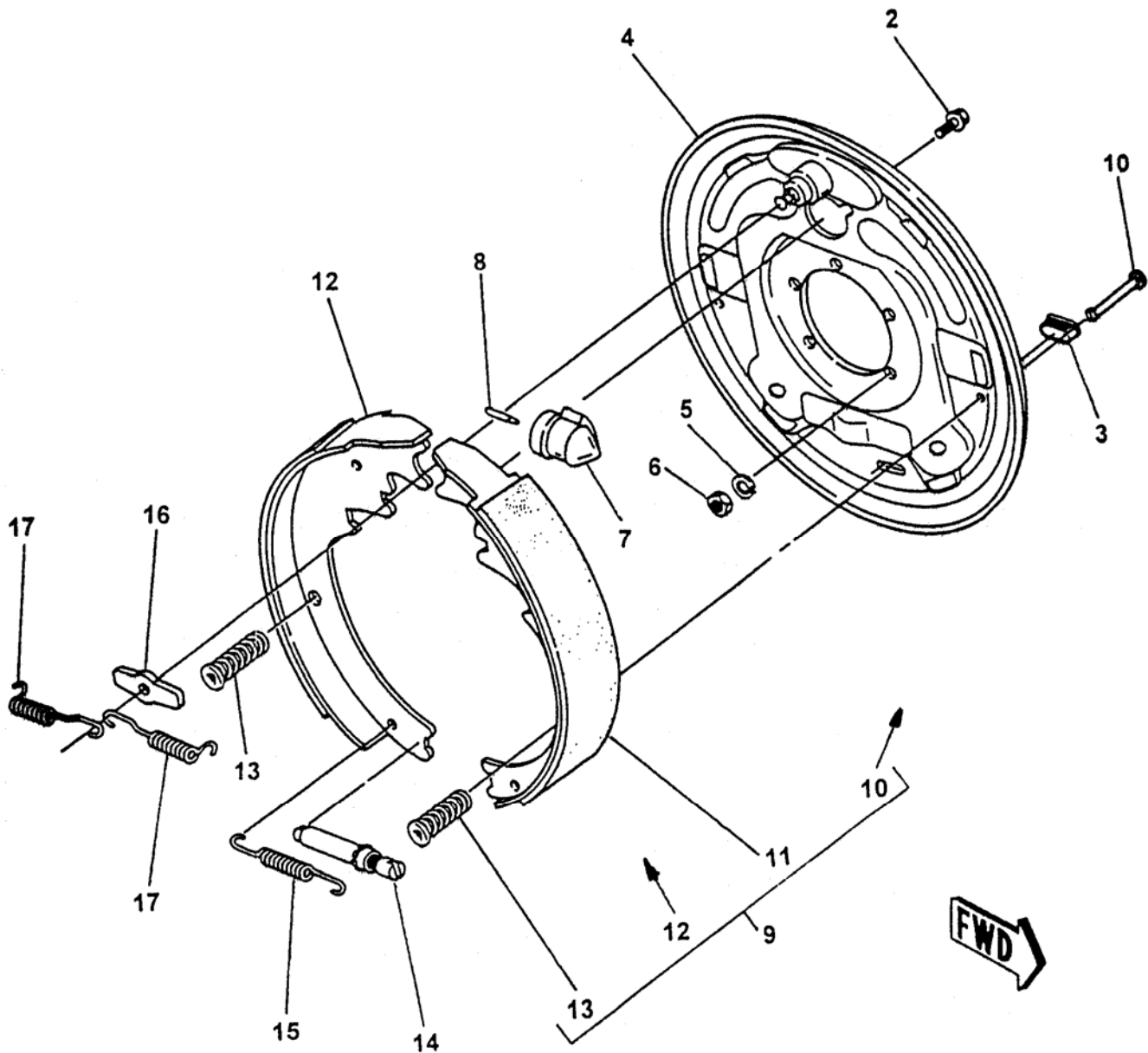
DASH (-) ITEM NOT ILLUSTRATED

REVISION:

**NON-OPERATOR SIDE
HYDRAULIC BRAKE ASSEMBLY**

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-12	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**

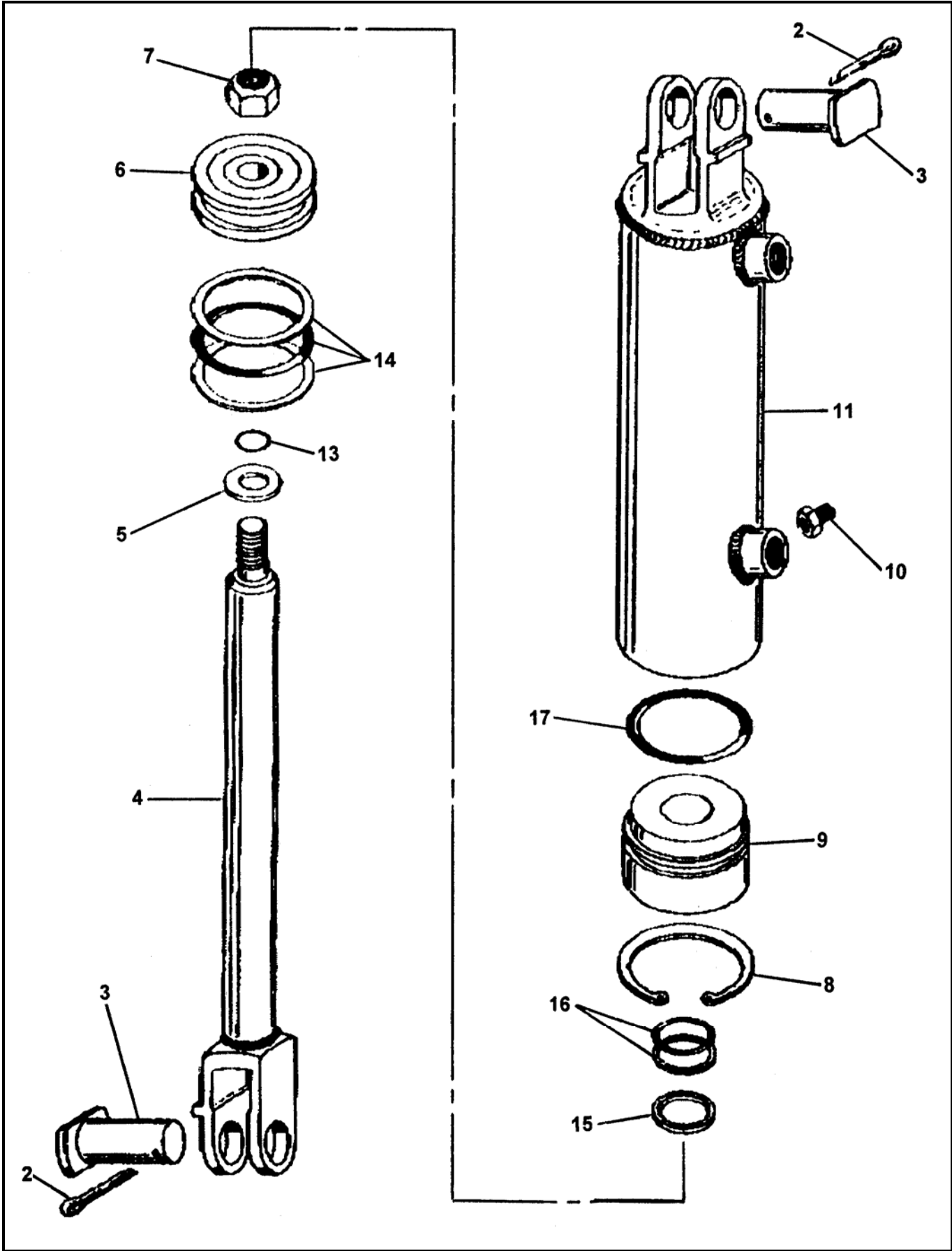
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-13	Assembly, Operator Side Hydraulic Brake (See Group 80, Figure 01 for NHA)	Ref
2		• Screw, with Washer	1
3		• Plug	2
4		• Plate, Backing	1
5		• Washer, Lock (attaching parts)	5
6		• Nut, Brake Mounting (attaching parts)	5
7		• Cylinder, Operator 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



HYDRAULIC OUTRIGGER
CYLINDER ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 15
PAGE 01



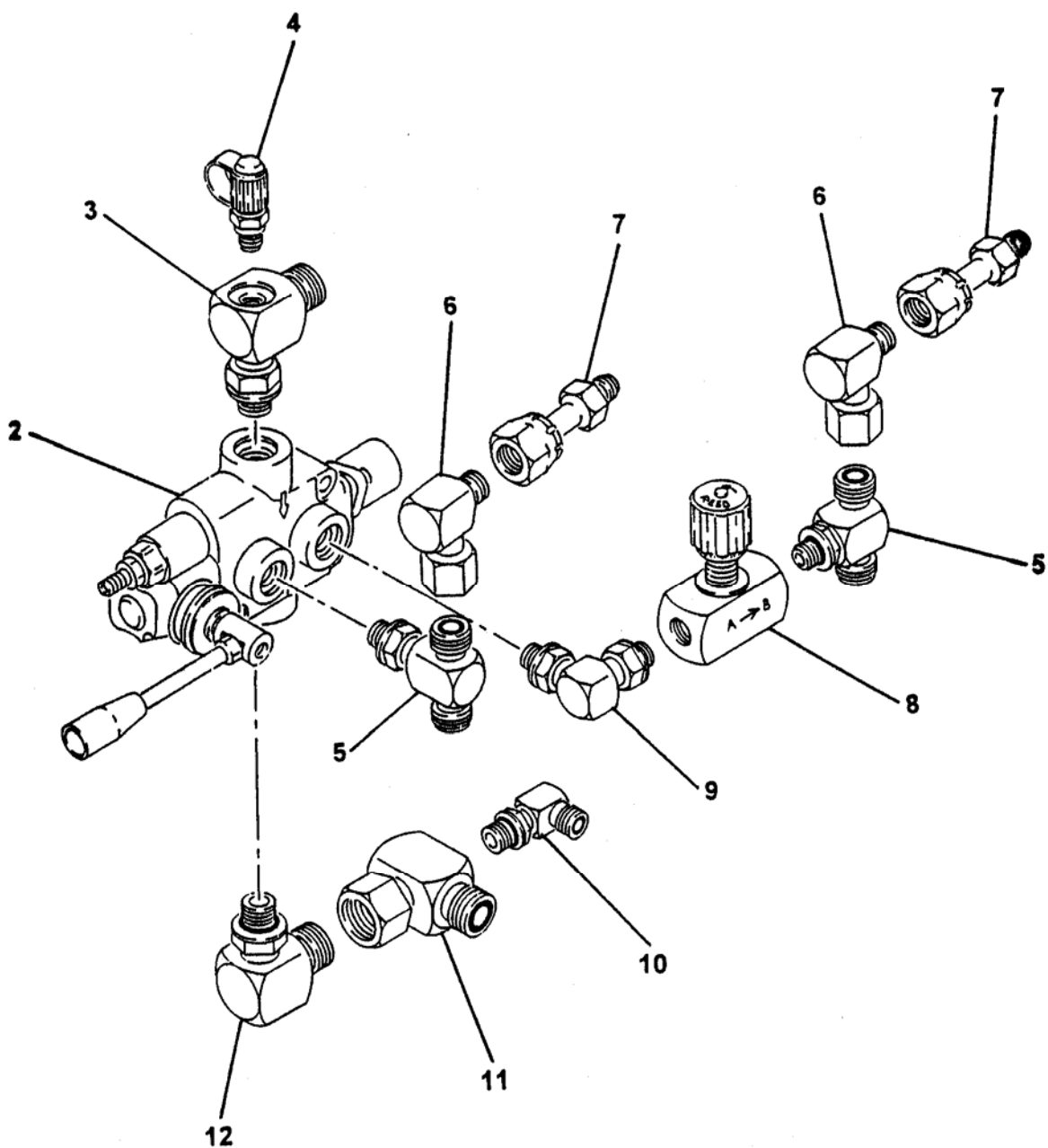
REVISION:

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	86574	Assembly, Hydraulic Outrigger Cylinder (See Group 80, 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	86574-SK	• 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	



1 SPOOL CONTROL
VALVE ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 16
PAGE 01



**1 SPOOL CONTROL
VALVE ASSEMBLY**

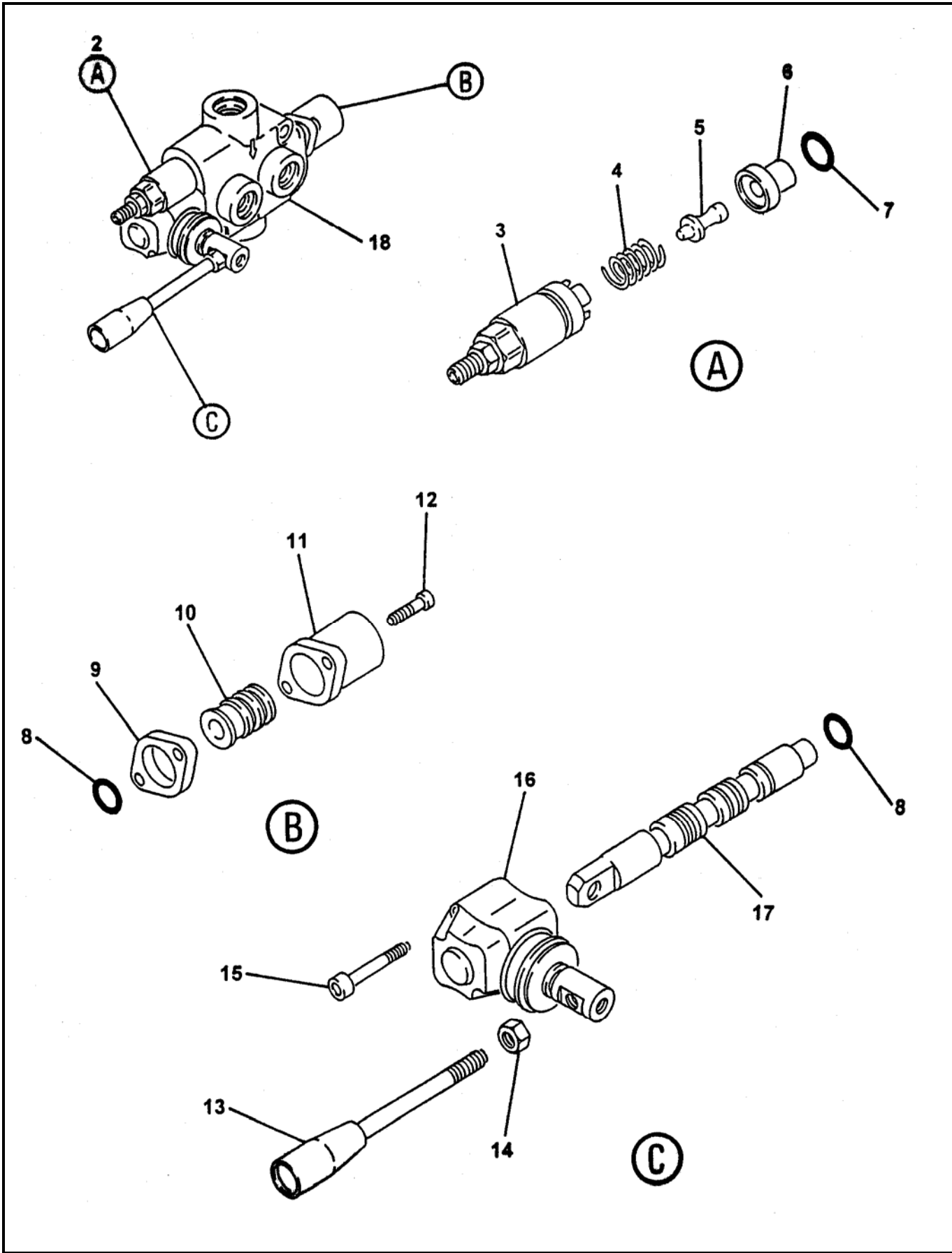
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-16	Assembly, 1 Spool Control Valve (See Group 80, Figure 01 for NHA)	Ref
2	74584	• Sub-Assembly, 1 Spool Control Valve (See Group 80, Figure 17 for DET)	1
3		• Tee, Special Drill	1
4	78593	• Fitting, Mini Check (Port)	1
5		• Tee	2
6		• Fitting, 90	2
7		• Fitting, Connector	2
8		• Controller, Check	1
9		• Fitting, 90	1
10		• Fitting, 90	1
11		• Tee, Special Drill	1
12		• Fitting, 90	1

DASH (-) ITEM NOT ILLUSTRATED



1 SPOOL CONTROL
VALVE SUB-ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 17
PAGE 01



REVISION:

**1 SPOOL CONTROL
VALVE SUB-ASSEMBLY**

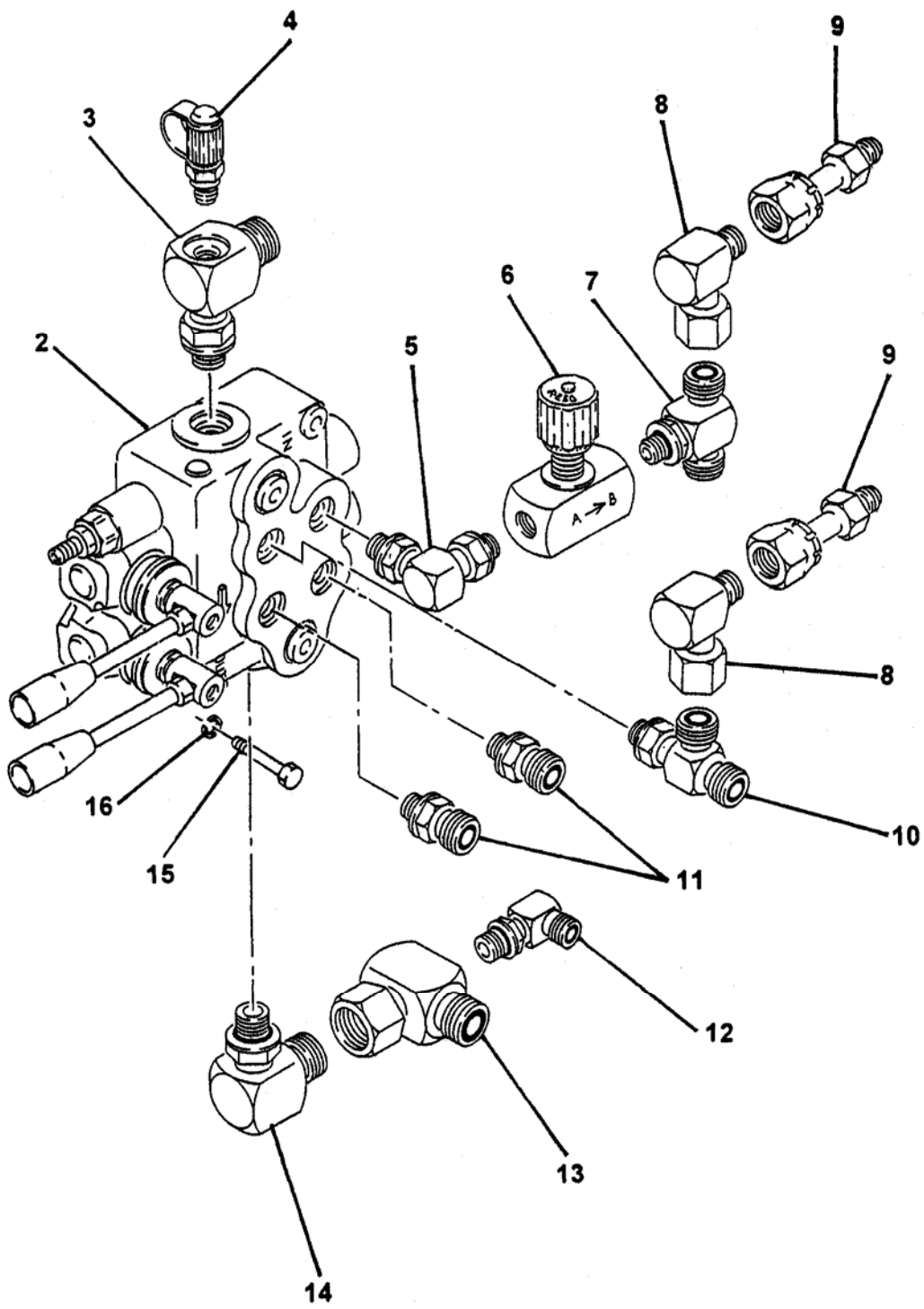
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74584	Sub-Assembly, 1 Spool Control Valve (See Group 80, Figure 16 for NHA)	Ref
2	85706	• Cartridge, Relief	1
3		• • Kit, Screw	1
4		• • Spring	1
5		• • Pin, Screw Kit	1
6		• • Ring	1
7		• • O-Ring	1
8		• O-Ring	2
9		• Spacer	1
10		• Kit, Spool 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
18		• Body, Valve	1

DASH (-) ITEM NOT ILLUSTRATED



2 SPOOL CONTROL
VALVE ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 18
PAGE 01



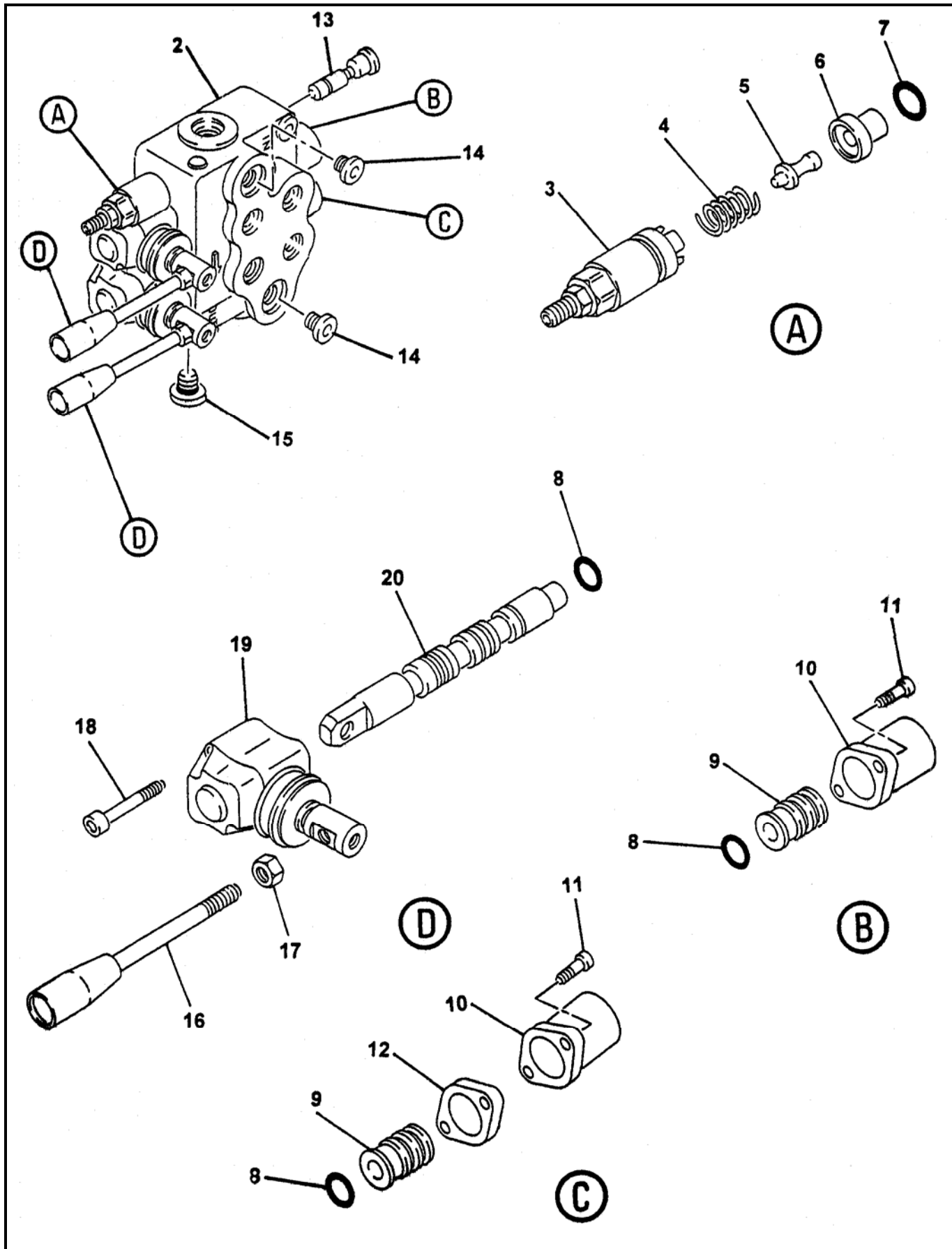
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	80-18	Assembly, 2 Spool Control Valve (See Group 80, Figure 01 for NHA)	Ref
2	74585	• Sub-Assembly, 2 Spool Control Valve (See Group 80, Figure 20 for DET)	1
3		• Tee, Special Drill	1
4	78593	• Fitting, Mini Check (Port)	1
5		• Fitting, 90	1
6		• Controller, Check	1
7		• Tee	1
8		• Fitting	2
9		• Fitting, Connector	2
10		• Tee	1
11		• Fitting, 90	2
12		• Fitting, 90	1
13		• Tee, Special Drill	1
14		• Fitting, 90	1
15		• Bolt, Hex	2
16		• Washer, SPL Lock	2

DASH (-) ITEM NOT ILLUSTRATED



2 SPOOL CONTROL VALVE SUB-ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 19
PAGE 01



REVISION:

**2 SPOOL CONTROL
VALVE SUB-ASSEMBLY**

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	74585	Sub-Assembly, 2 Spool Control Valve (See Group 80, Figure 18 for NHA)	Ref
2	85706	• Cartridge, Relief	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
21		• Body, Valve	1

DASH (-) ITEM NOT ILLUSTRATED



TIRE & WHEEL ASSEMBLY - ALUMINUM

B70
PARTS
GROUP 80
FIGURE 20
PAGE 01





TIRE & WHEEL ASSEMBLY - ALUMINUM

B70
PARTS
GROUP 80
FIGURE 20
PAGE 02

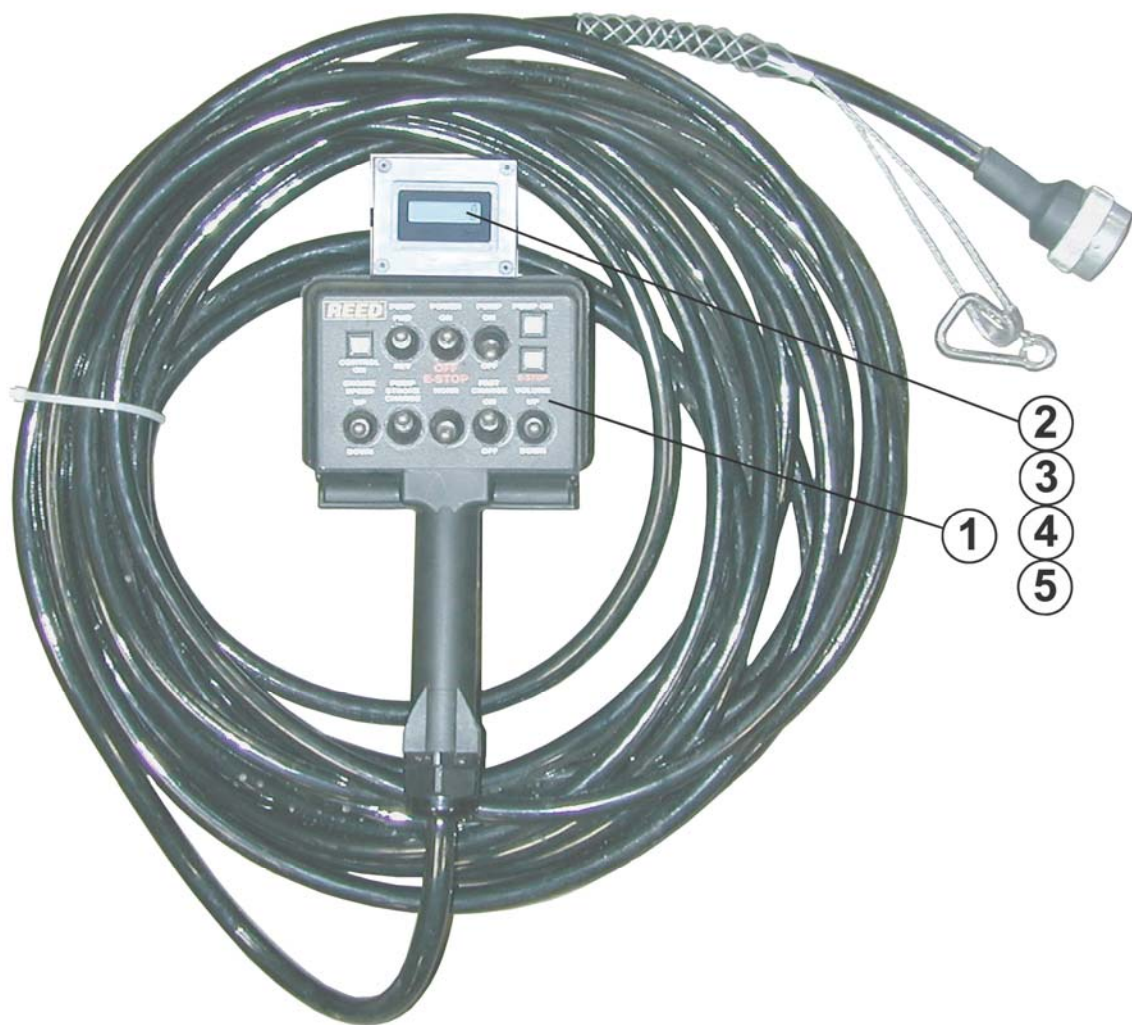
ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
A	86923-1	Assembly, Tire & Wheel-Aluminum-215/75R17.5H (See Group 80, Figure 01 for NHA)	Ref
1	NPN	• Wheel-Aluminum	1
2	NPN	• Tire-215/75R17.5H	1
		DASH (-) ITEM NOT ILLUSTRATED	

REVISION:



50 FEET STROKE COUNTER
CABLE REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 21
PAGE 01





50 FEET STROKE COUNTER CABLE REMOTE CONTROL ASSEMBLY

B70
PARTS
GROUP 80
FIGURE 21
PAGE 02

ITEM NO.	REED 'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
A	87753-1	Assembly, 50 Feet Cable Remote Control with Stroke Counter (See Group 80, Figure 01 for NHA)	Ref
1	87347-1	• Control, Remote Cable (50 Feet)	1
2	72330	• Counter, Stroke	1
3	74388	• Diode, Stroke Counter	2
4	87784	• Box, Machined	1
5	87785	• Cover, Box	1
		DASH (-) ITEM NOT ILLUSTRATED	

REVISION: