

**REED PNEUMATIC SPRAYING MACHINE MODEL LOVA SERIES 4
ILLUSTRATED PARTS MANUAL** CONTAINS THE FOLLOWING GROUPS
AND FIGURES:



**SHOWN MODEL: LOVA™ SERIES IV
16 AM REFRACTORY HOPPER**

**REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 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 **LOVA™** PARTS MANUAL
- FIGURE 02** HOW TO ORDER PARTS

GROUP 10 SMALL AIR MOTOR DRIVE (8 AM) INSTALLATION

- FIGURE 00** TABLE OF CONTENTS
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- FIGURE 02** 8 AM TALL PREMIX HOPPER FINAL INSTALLATION
- FIGURE 03** 8 AM SHORT PREMIX HOPPER FINAL INSTALLATION
- FIGURE 04** 8 AM REFRACTORY HOPPER FINAL INSTALLATION
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GROUP 20 LARGE AIR MOTOR DRIVE (16 AM) INSTALLATION

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GROUP 30 BASE GEAR INSTALLATION

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FIGURE 02	TALL PREMIX HOPPER AND PAD INSTALLATION
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FIGURE 02	8 AM AIR INLET INSTALLATION FOR REFRACTORY HOPPER
FIGURE 03	16 AM AIR INLET INSTALLATION
FIGURE 04	16 AM AIR INLET INSTALLATION FOR REFRACTORY HOPPER
FIGURE 05	8 AM AIR MOTOR ASSEMBLY
FIGURE 06	16 AM AIR MOTOR ASSEMBLY
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FIGURE 18	2 INCH LINER TYPE LARGE AGGREGATE, 1-1/4 AIR INLET PAD BACKUP ASSEMBLY



MODEL LOVA PNEUMATIC SPRAYING MACHINE HOW TO USE PART MANUAL

LOVA
PARTS
GROUP 00
FIGURE 01
PAGE 01

I. PURPOSE

This parts manual is prepared, issued and / or revised by **REED**, for the exclusive use of its customers and is intended for use in provisioning, requisitioning, storing and issuing replaceable **REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4**.

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 LOVA™ ILLUSTRATED PARTS MANUAL
10	SMALL AIR MOTOR DRIVE (8 AM) INSTALLATION
20	LARGE AIR MOTOR DRIVE (16 AM) INSTALLATION
30	BASE GEAR INSTALLATION
40	HOPPER AND PAD INSTALLATION
50	AIR INLET AND VALVE INSTALLATION
60	ACCESSORIES INSTALLATION
70	OPTIONAL INSTALLATION

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

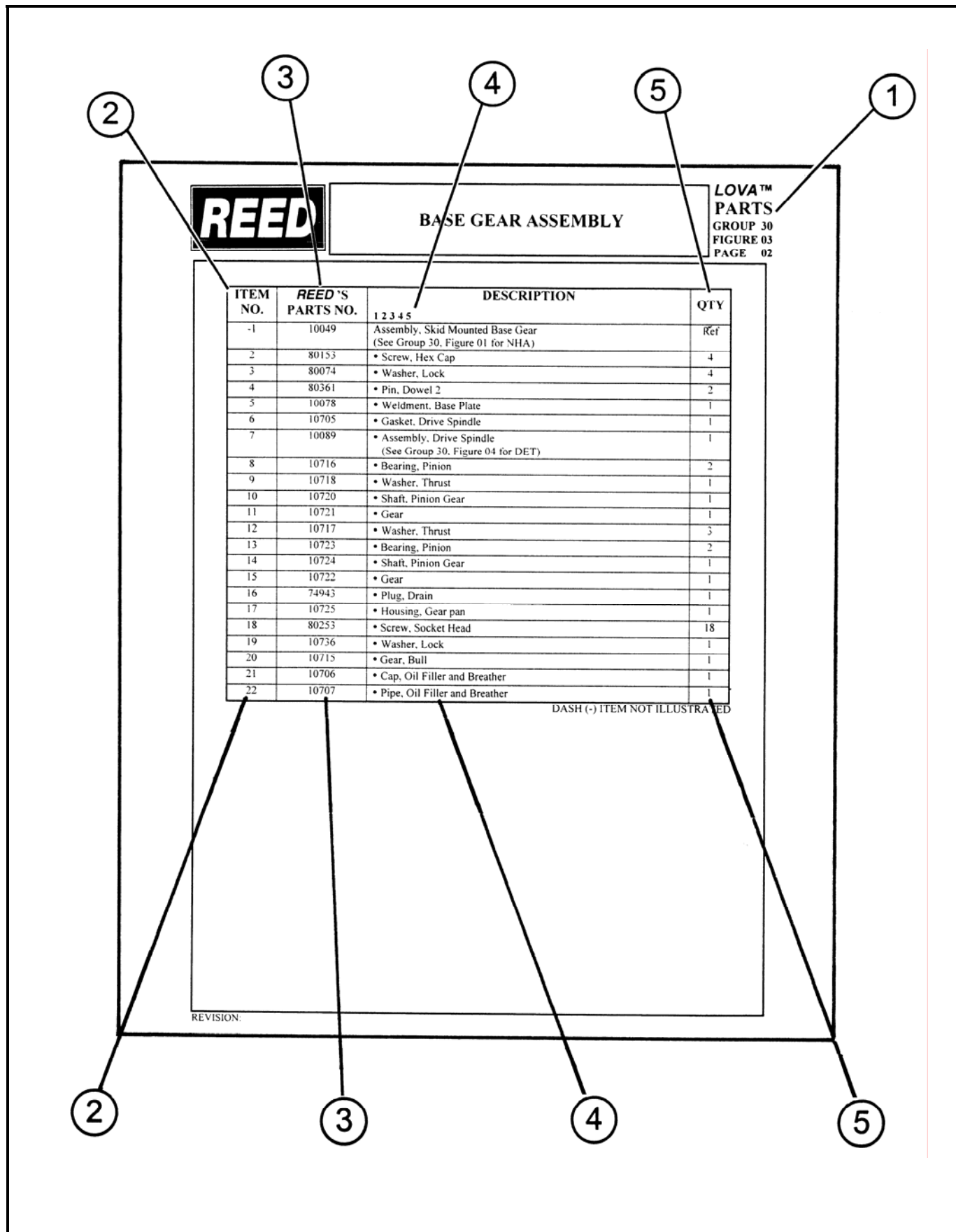
D. **PAGE** numbers follow to the right of each figure number.

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



MODEL LOVA PNEUMATIC SPRAYING MACHINE
HOW TO USE PART MANUAL

LOVA
PARTS
GROUP 00
FIGURE 01
PAGE 03

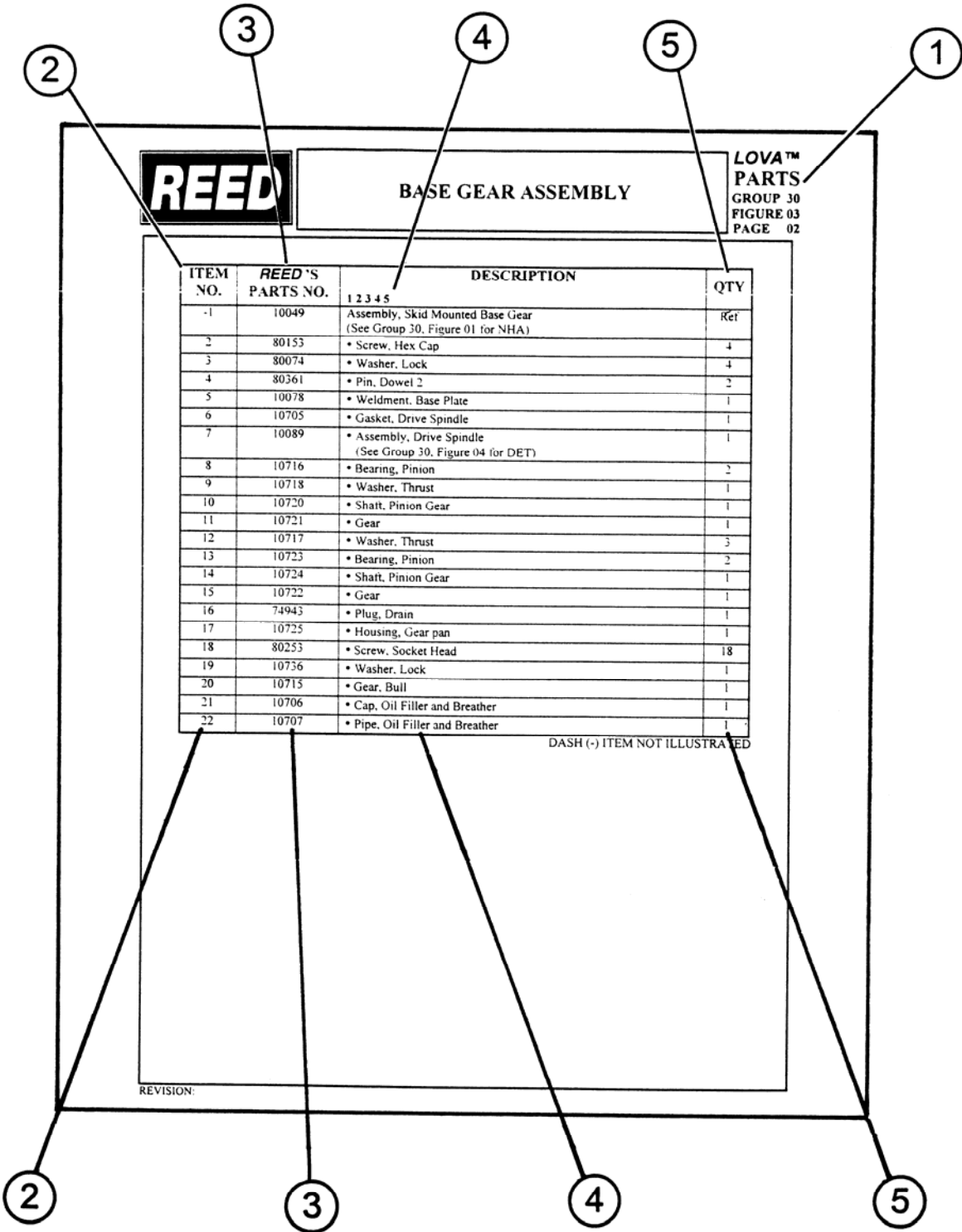


REVISION:



MODEL LOVA PNEUMATIC SPRAYING MACHINE
HOW TO ORDER PARTS

LOVA
PARTS
GROUP 00
FIGURE 01
PAGE 03



REVISION:

4. DESCRIPTION

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

1 2 3 4 5

Assembly (or Installation)

- Detail part of assembly
- Sub-assembly
- Attaching parts for sub-assembly
- ● Detail part of sub-assembly
- ● Sub-sub-assembly
- ● Attaching parts for sub-sub-assembly
- ● ● Detail part of sub-sub-assembly
- ● ● Sub-sub-sub-assembly
- ● ● Attaching parts of sub-sub-sub-assembly
- ● ● ● Detail part of sub-sub-sub-assembly

- B. “See Group 20, Figure 01 For **NHA**”
Identifies the illustrated parts chapter location; indicates where the Next Higher Assembly (**NHA**) of the item shown.
- C. “See Group 60, Figure 07 For **DET**”
Identifies the illustrated parts chapter location; indicates where the item and its Detailed Breakdown (**DET**) is shown.
- D. “See Group 30, Figure 05 for **REF**” or “See Vendor Chapter for **REF**”
Identifies the illustrated parts chapter where the part is, and if listed and illustrated in Vendor Chapter. It is used as a cross-reference (**REF**).

5. QUANTITY

- A. Reference (**REF**) indicates the items that is listed previously in the Next Higher Assembly (**NHA**) and then again in this figure.
- B. As Required (**A/R**) indicates the parts that is used in a quantity as required.
- C. A number entry indicates the quantity of the part used in its next higher application.
6. Functionally related assemblies are illustrated in phantom(_____) but not listed on the detail parts list page.

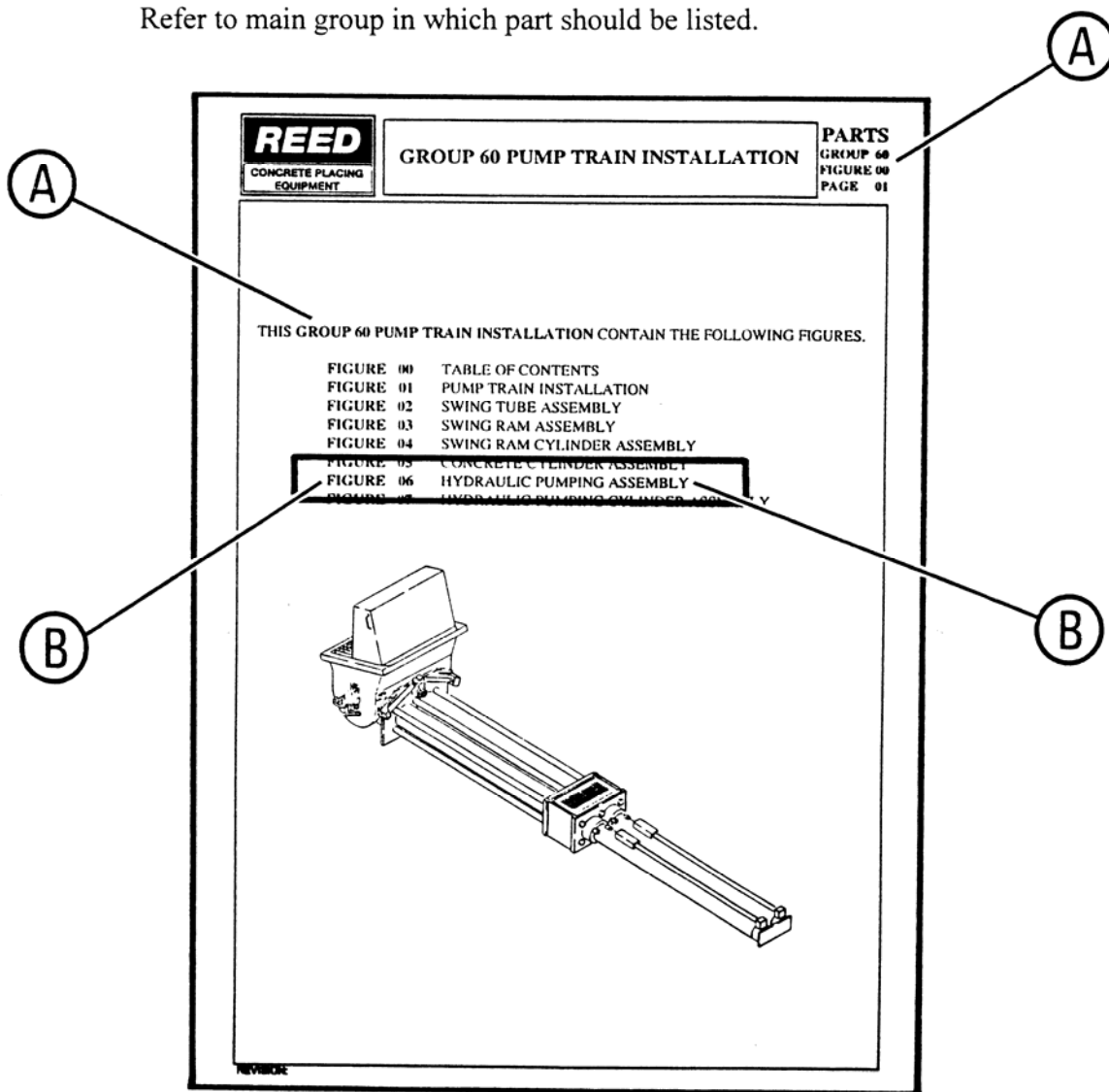
1. Always give serial number of *PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4* (Refer to each unit nameplate shown below). NOTE: This manual is being released to cover unit starting with serial number **98-3787-8-4R** to current production. Some components used on earlier units differ from current productions. Where this occurs, the part is identified by a serial number.

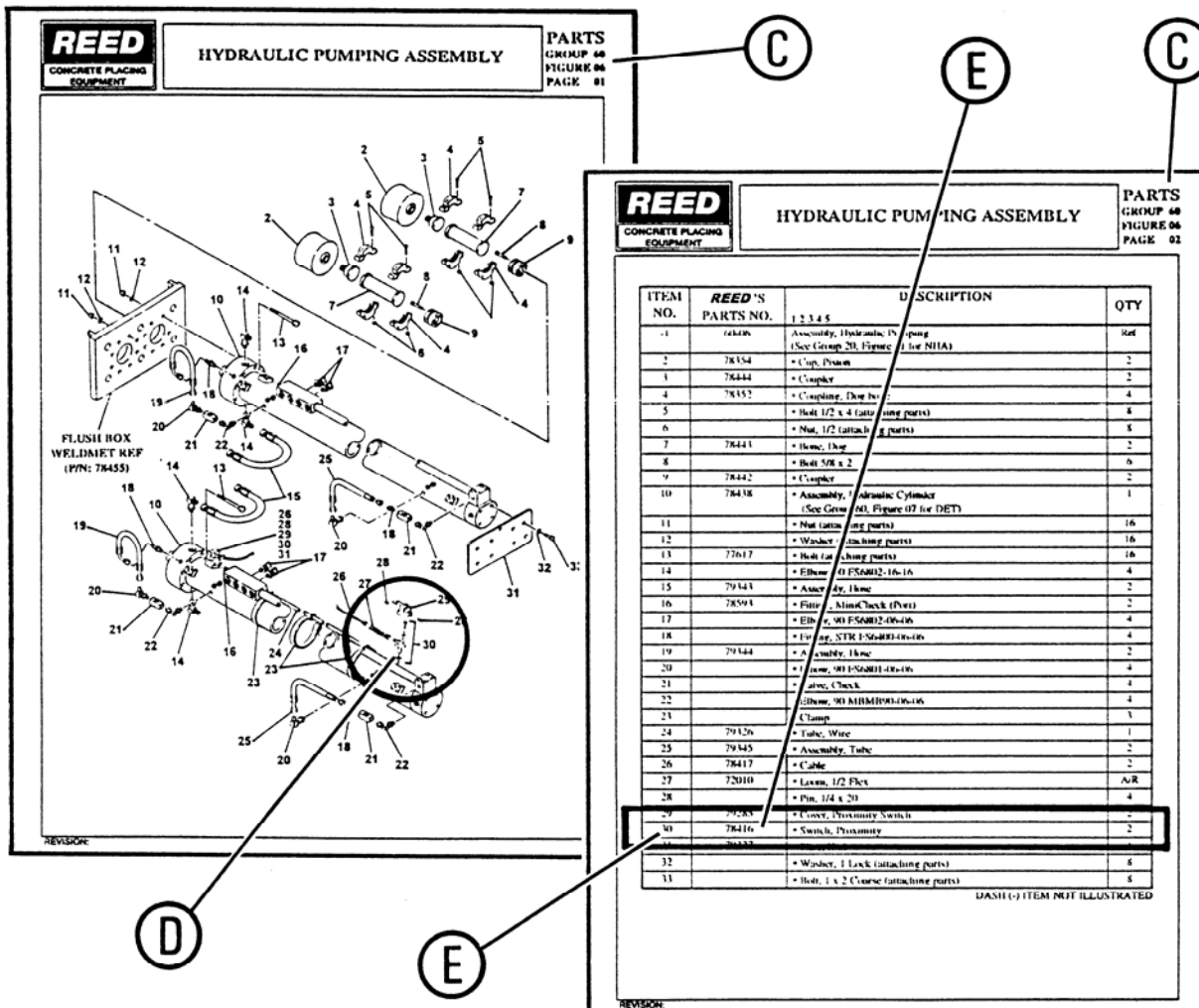
REED 13822 OAKS AVENUE CHINO, CA 90710 USA		U.S. PAT. 5,150,991 5,645,379 AND PATS. PENDING	CE
MODEL NO.			
SERIAL NO.			
HP		VOLTAGE	
HZ		AMPS	

13095D

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.
- C. Turn to corresponding page, find the group and figure.
- D. Check your required part and its attaching parts and matches 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.



MODEL LOVA PNEUMATIC SPRAYING MACHINE
HOW TO USE PART MANUAL

LOVA
PARTS
GROUP 00
FIGURE 03
PAGE 01

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

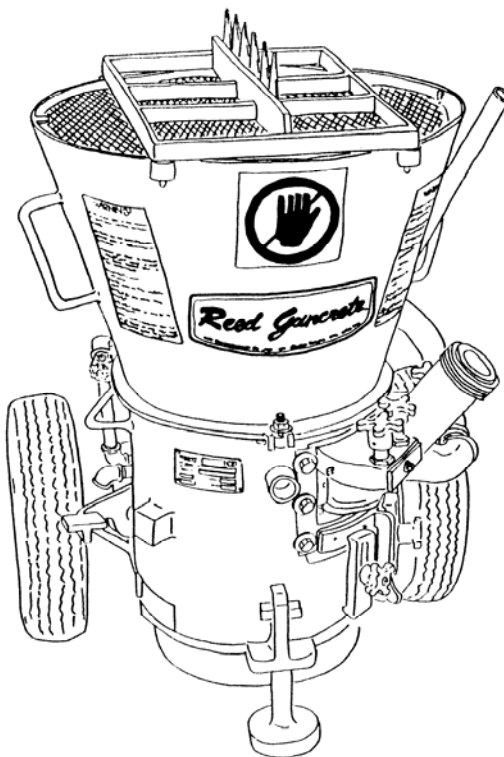
C. BY PHONE

(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 PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED PARTS MANUAL GROUP 10 SMALL AIR MOTOR DRIVE (8 AM) INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	8 AM STANDARD HOPPER FINAL INSTALLATION
FIGURE 02	8 AM TALL PREMIX HOPPER FINAL INSTALLATION
FIGURE 03	8 AM SHORT PREMIX HOPPER FINAL INSTALLATION
FIGURE 04	8 AM REFRACTORY HOPPER FINAL INSTALLATION
FIGURE 05	SMALL AIR MOTOR DRIVE UNIT DECAL ASSEMBLY

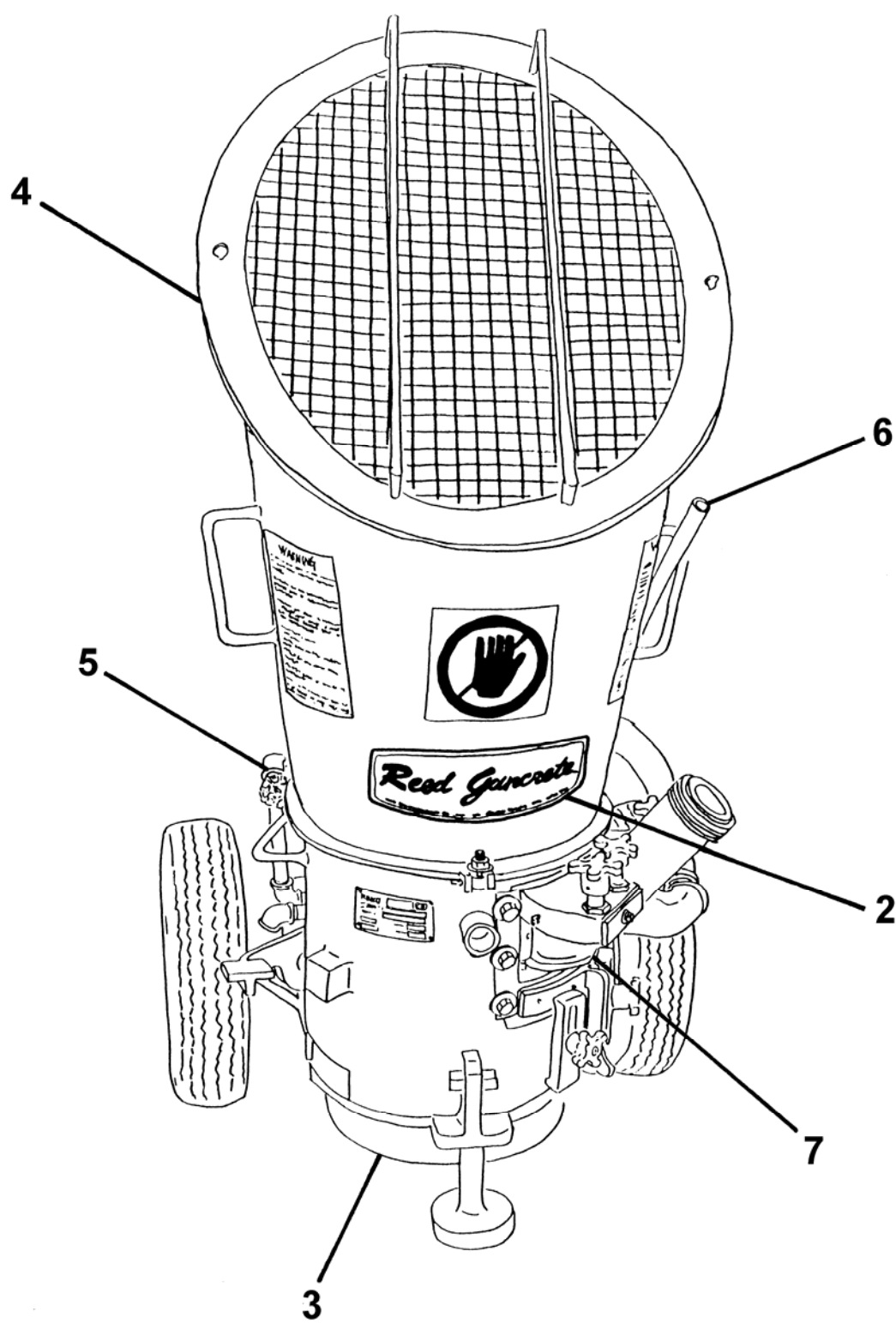


**SHOWN MODEL: LOVA™ SERIES 4
8 AM SHORT PREMIX HOPPER**



SMALL AIR MOTOR DRIVE (8AM)
STANDARD HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 01
PAGE 01



REVISION:



SMALL AIR MOTOR DRIVE (8AM)
STANDARD HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1001	Installation, Small Air Motor Drive (8 Am) Standard Hopper Final	Ref
2	10-05	• Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-01	• Installation, Standard Hopper and Pad (See Group 40, Figure 01 for DET)	1
5	50-01	• Installation, 8 Am Air Inlet (See Group 50, Figure 01 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

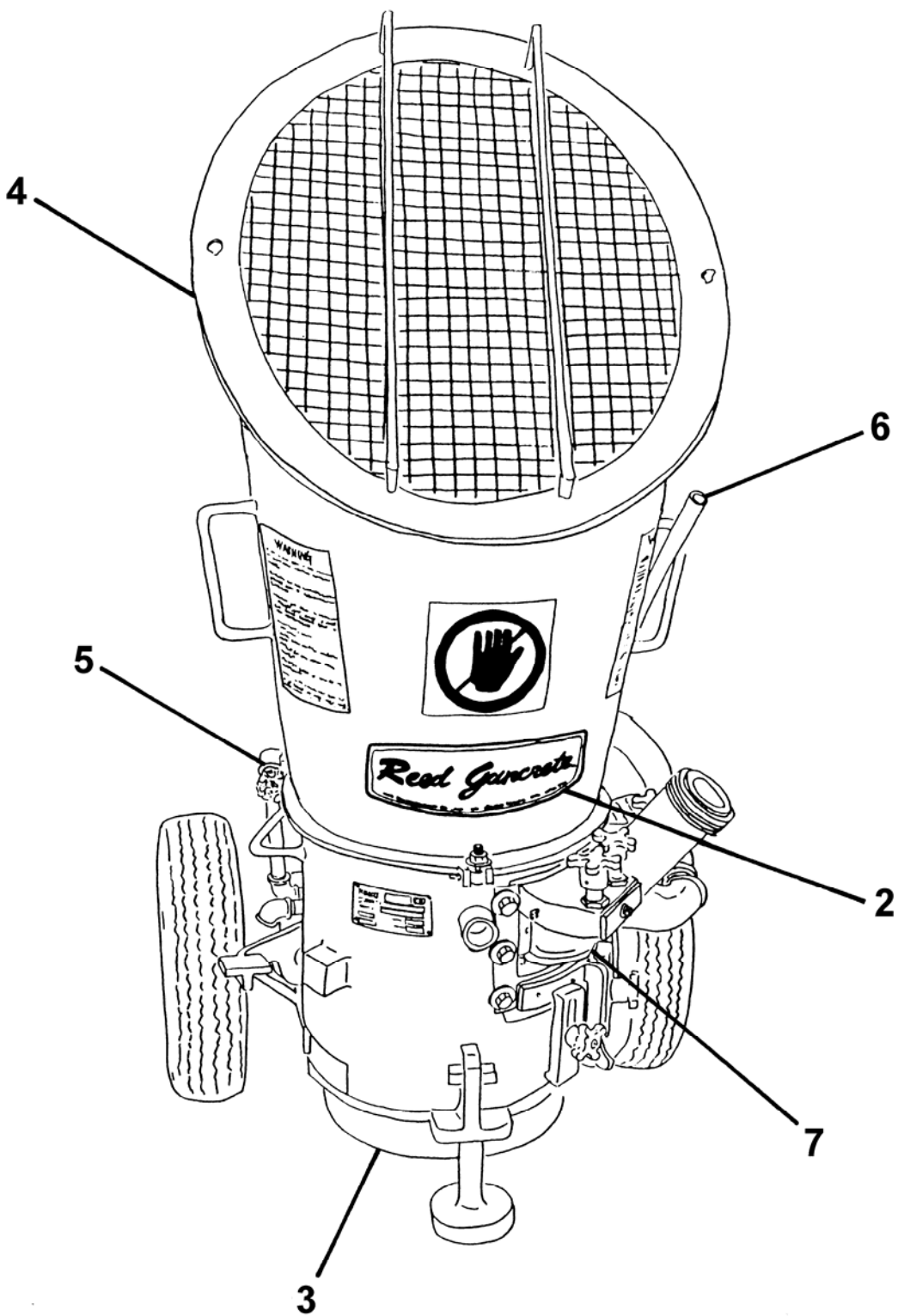
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



SMALL AIR MOTOR DRIVE (8AM)
TALL PREMIX HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 02
PAGE 01





**SMALL AIR MOTOR DRIVE (8AM)
TALL PREMIX HOPPER
FINAL INSTALLATION**

**LOVA
PARTS**
GROUP 10
FIGURE 02
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1015	Installation, Small Air Motor Drive (8 Am) Tall Premix Hopper Final	Ref
2	10-05	• Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-02	• Installation, Premix Hopper and Pad (See Group 40, Figure 02 for DET)	1
5	50-01	• Installation, 8 Am Air Inlet (See Group 50, Figure 01 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

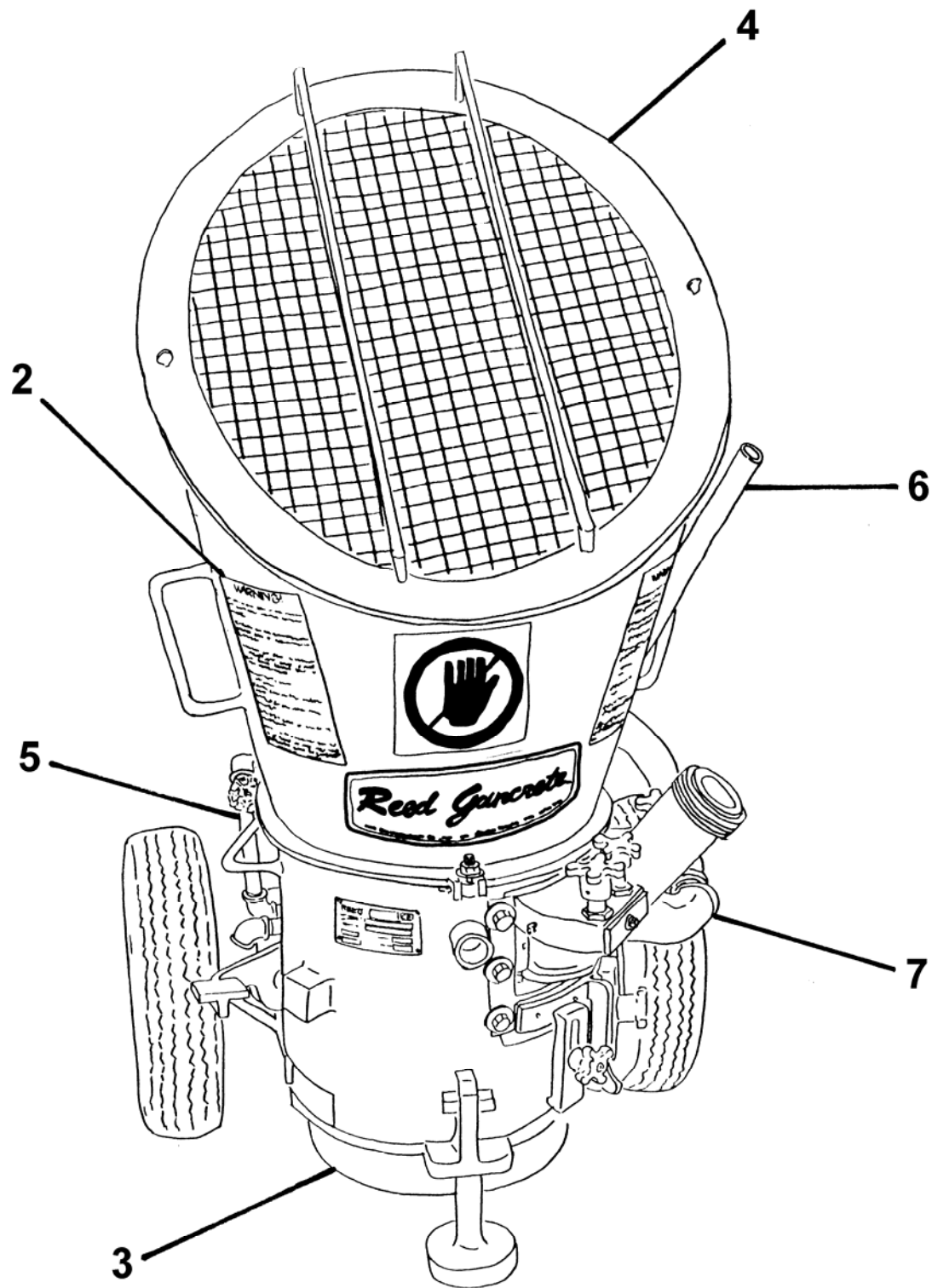
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



SMALL AIR MOTOR DRIVE (8AM)
SHORT PREMIX HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 03
PAGE 01





**SMALL AIR MOTOR DRIVE (8AM)
SHORT PREMIX HOPPER
FINAL INSTALLATION**

**LOVA
PARTS**
GROUP 10
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1025	Installation, Small Air Motor Drive (8 Am) Short Premix Hopper Final	Ref
2	10-05	• Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-03	• Installation, Shor Hopper and Pad (See Group 40, Figure 03 for DET)	1
5	50-01	• Installation, 8 AM Air Inlet (See Group 50, Figure 01 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

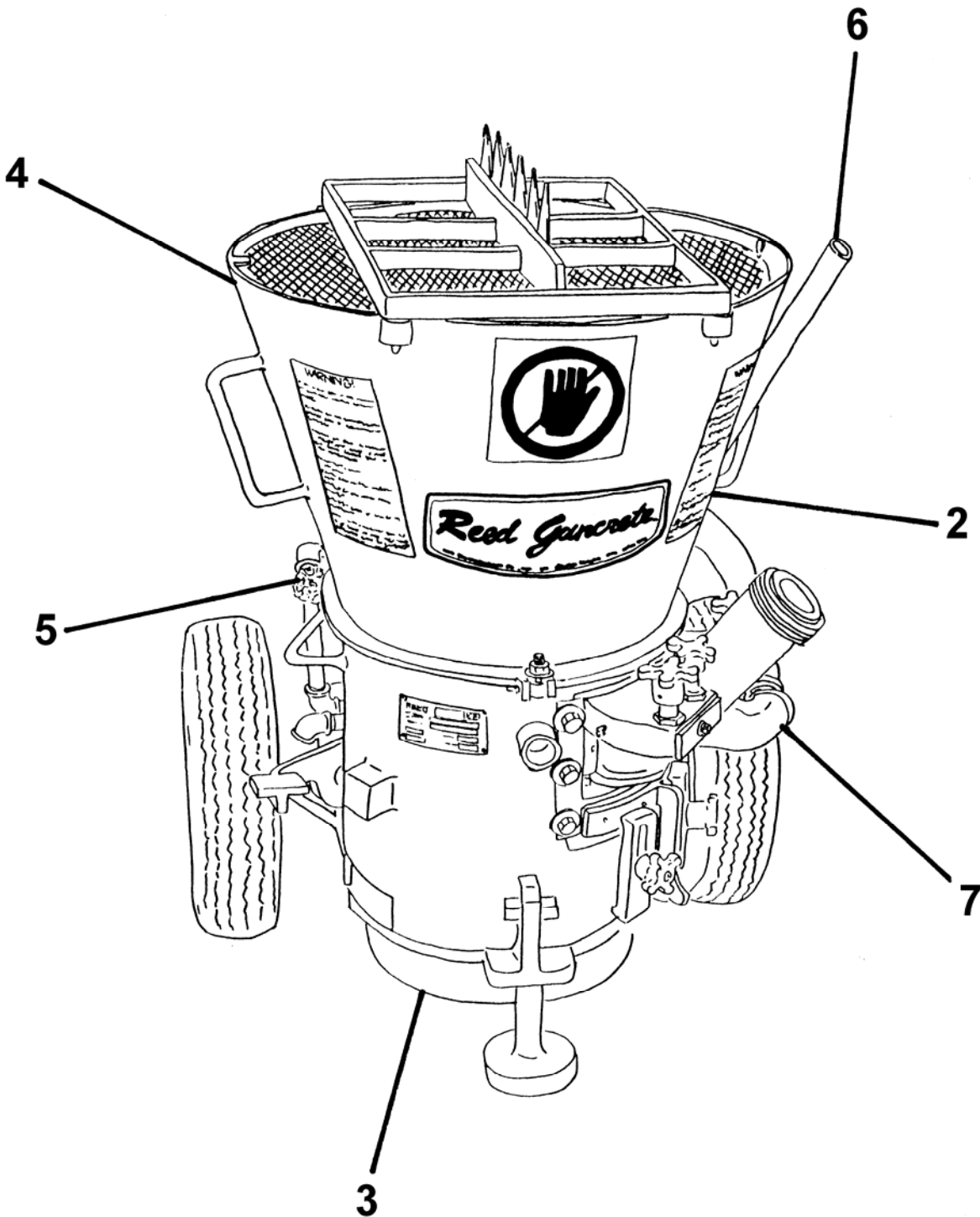
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



SMALL AIR MOTOR DRIVE (8AM)
REFRACTORY HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 04
PAGE 01





SMALL AIR MOTOR (8AM)
REFRACTORY HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 10
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1050	Installation, Small Air Motor Drive (8 Am) Refractory Hopper Final	Ref
2	10-05	• Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-04	• Installation, Refractory Hopper and Pad (See Group 40, Figure 04 for DET)	1
5	50-02	• Installation, 8 Am Air Inlet for Refractory Hopper (See Group 50, Figure 02 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

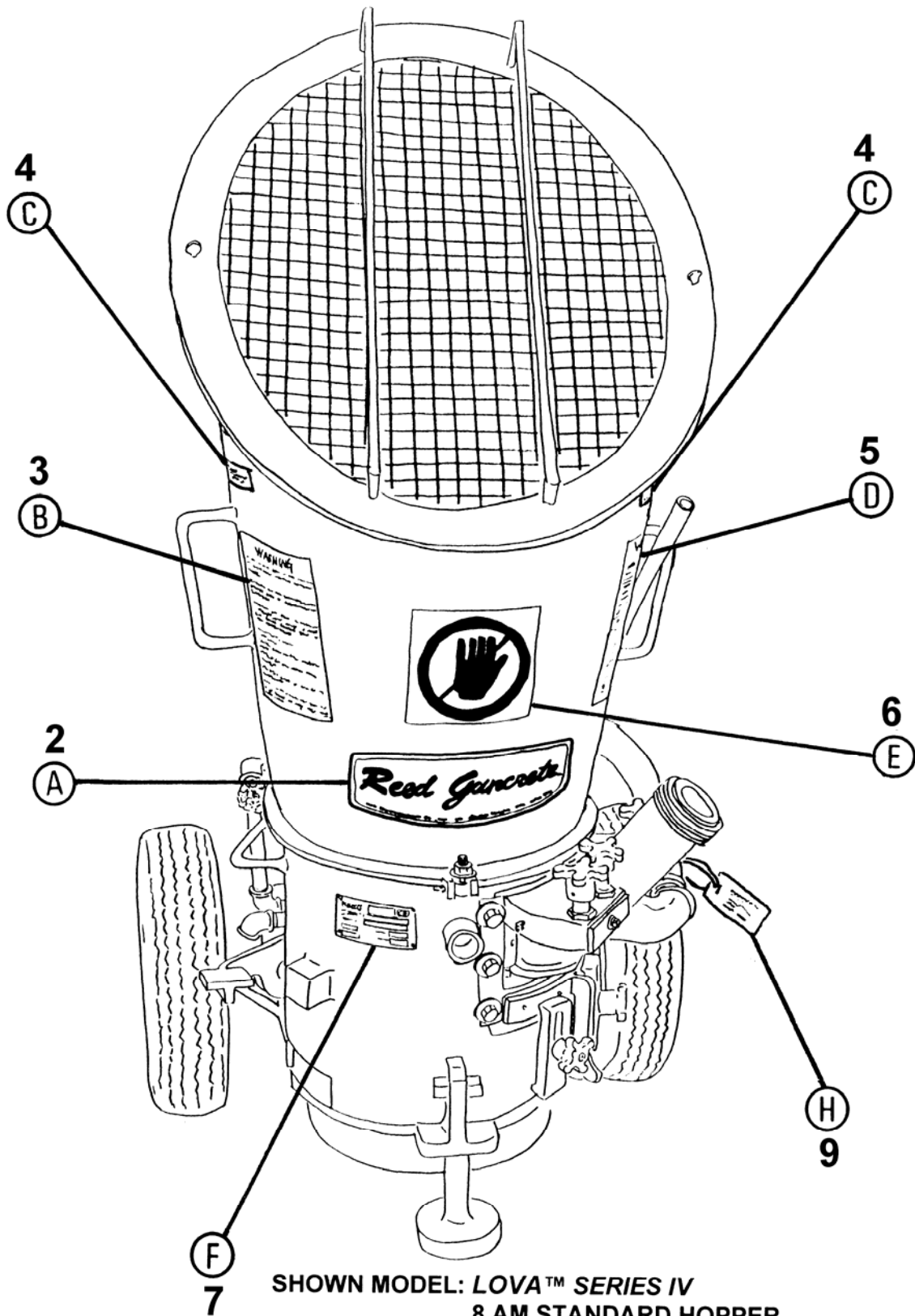
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



SMALL AIR MOTOR (8AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 10
FIGURE 05
PAGE 01



REVISION:



SMALL AIR MOTOR DRIVE (8AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 10
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10-05	Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10833	• Decal, REED Guncrete	2
3	10840	• Decal, WARNING , The Inside Hopper of this Machine has	1
4	10842	• Decal, CAUTION , Do Not Lift this Machine by Hopper Handle	2
5	10839	• Decal, WARNING , The Wear Pad Area of this Machine is	1
6	75005	• Decal, DANGER , Do not Put Your Hands	2
7	13095	• Nameplate, Guns Serial Number	1
-8	10838	• Decal, WARNING , Safety Glasses	1
9	13274	• Tag, Excessive Bowl RPM May Create Premature Pad Wear and	1
-10	13273	• Tag, Machine Operator Must Set Oil Lubricator Flow,	1
-11		• Ty-Rap	2

12 13308 DECAL KIT-LOVA

DASH (-) ITEM NOT ILLUSTRATED



(A)

2

WARNING!

The inside 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 hopper.

The screen on the hopper is bolted in a closed position to restrict access. If maintenance must be performed inside the hopper, proceed as follows:

- (1) Shut off power source.
air / electric
- (2) Disconnect air feed line or electrical cord.
- (3) Remove bolts securing the hopper screen.

Work inside the hopper may now be performed safely.

Upon completion of the work, replace the bolts and secure the hopper screen in a closed position. Reconnect air feed line or electrical cord and restore power.

(B)

3

CAUTION DO NOT LIFT
THIS MACHINE BY HOPPER HANDLES.
USE SLINGS UNDER MACHINE.

4

C

WARNING!

The wear pad area of this machine is extremely dangerous when the wear pad and pad back-up assembly are removed.

It is essential that strict safety procedures be followed before performing any work in the wear pad area.

If maintenance must be performed in this area then proceed as follows:

5

(1) Shut off power.
air / electric

(2) Disconnect air feed line or electric
cord.

D

Work in the wear pad area can now be performed safely.

Upon completion of this work, reconnect air feed line or electrical cord, and restore power.



SMALL AIR MOTOR (8AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 10
FIGURE 05
PAGE 05



6

(E)

REED 13822 OAKS AVENUE CHINO, CA 90710 USA		U.S. PAT. 5,150,991 5,645,379 AND PATS. PENDING		CE	
MODEL NO.					
SERIAL NO.					
HP		VOLTAGE			
HZ		AMPS			
13095D					

7

(F)

WARNING
ALWAYS WEAR SAFETY GLASSES
WHEN OPERATING THIS MACHINE

8

(G)

EXCESSIVE BOWL RPM MAY
CREATE PREMATURE PAD
WEAR AND EXCESSIVE DUST
COLLECTION (TO INCREASE
OUTPUT, FIRST INCREASE
CONVEYANCE AIR THEN BOWL
RPM).

9

(H)



SMALL AIR MOTOR (8AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 10
FIGURE 05
PAGE 06

**MACHINE OPERATOR MUST
SET OIL LUBRICATOR FLOW,
VALVES AND PAD ADJUSTING
STUDS, AT START UP AND AS
NEEDED DURING USE.**

10

ⓐ

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10-05	Assembly, Small Air Motor Drive (8 Am) Unit Decal (See Group 10, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10833	• Decal, REED Guncrete	2
3	10840	• Decal, WARNING , The Inside Hopper of this Machine has	1
4	10842	• Decal, CAUTION , Do Not Lift this Machine by Hopper Handle	2
5	10839	• Decal, WARNING , The Wear Pad Area of this Machine is	1
6	75005	• Decal, DANGER , Do not Put Your Hands	2
7	13095	• Nameplate, Guns Serial Number	1
-8	10838	• Decal, WARNING , Safety Glasses	1
9	13274	• Tag, Excessive Bowl RPM May Create Premature Pad Wear and	1
-10	13273	• Tag, Machine Operator Must Set Oil Lubricator Flow,	1
-11		• Ty-Rap	2

DASH (-) ITEM NOT ILLUSTRATED

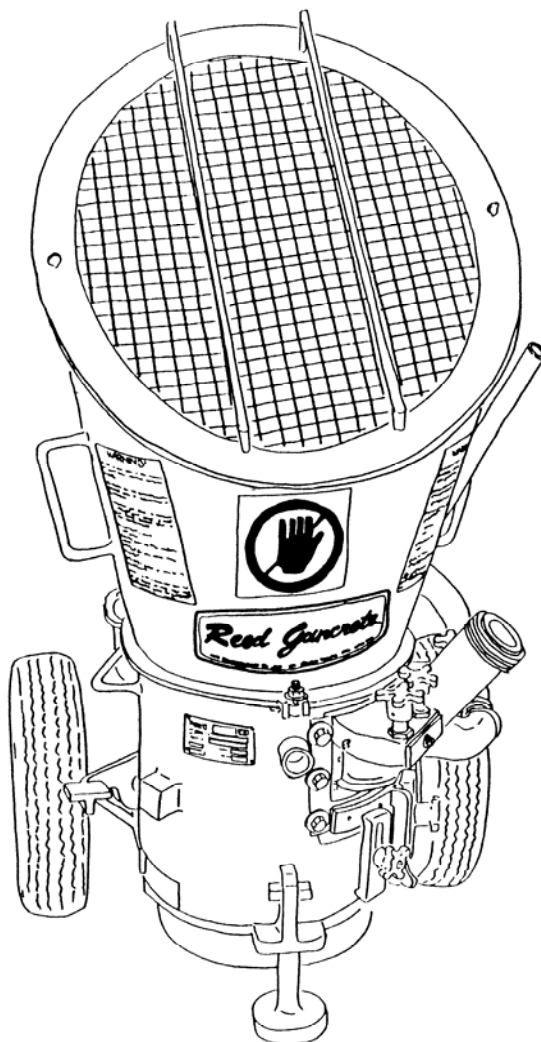


MODEL *LOVA* PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 10
FIGURE 06
PAGE 01

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REVISION:



**SHOWN MODEL: LOVA™ SERIES 4
16 AM SHORT PREMIX HOPPER**

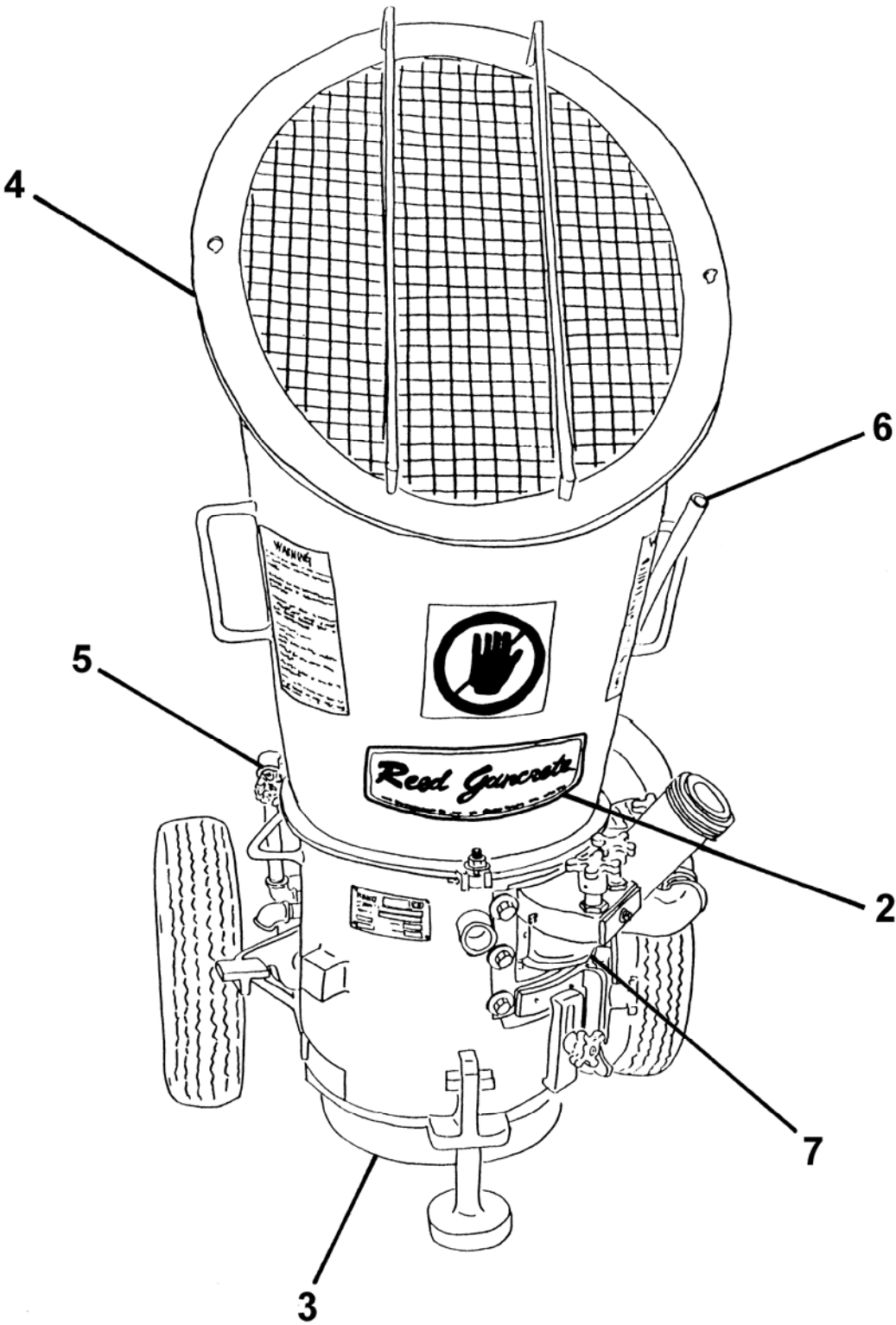
**REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED
PARTS MANUAL GROUP 20 LARGE AIR MOTOR DRIVE (16 AM) INSTALLATION
CONTAINS THE FOLLOWING FIGURES:**

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	16 AM STANDARD HOPPER FINAL INSTALLATION
FIGURE 02	16 AM TALL PREMIX HOPPER FINAL INSTALLATION
FIGURE 03	16 AM SHORT PREMIX HOPPER FINAL INSTALLATION
FIGURE 04	16 AM REFRACTORY HOPPER FINAL INSTALLATION
FIGURE 05	LARGE AIR MOTOR DRIVE UNIT DECAL ASSEMBLY



LARGE AIR MOTOR DRIVE (16AM)
STANDARD HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 20
FIGURE 01
PAGE 01



REVISION:



**LARGE AIR MOTOR DRIVE (16AM)
STANDARD HOPPER
FINAL INSTALLATION**

**LOVA
PARTS**
GROUP 20
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1200	Installation, Large Air Motor Drive (16 Am) Standard Hopper Final	Ref
2	20-05	• Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-01	• Installation, Standard Hopper and Pad (See Group 40, Figure 01 for DET)	1
5	50-03	• Installation, 16 Am Air Inlet (See Group 50, Figure 03 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

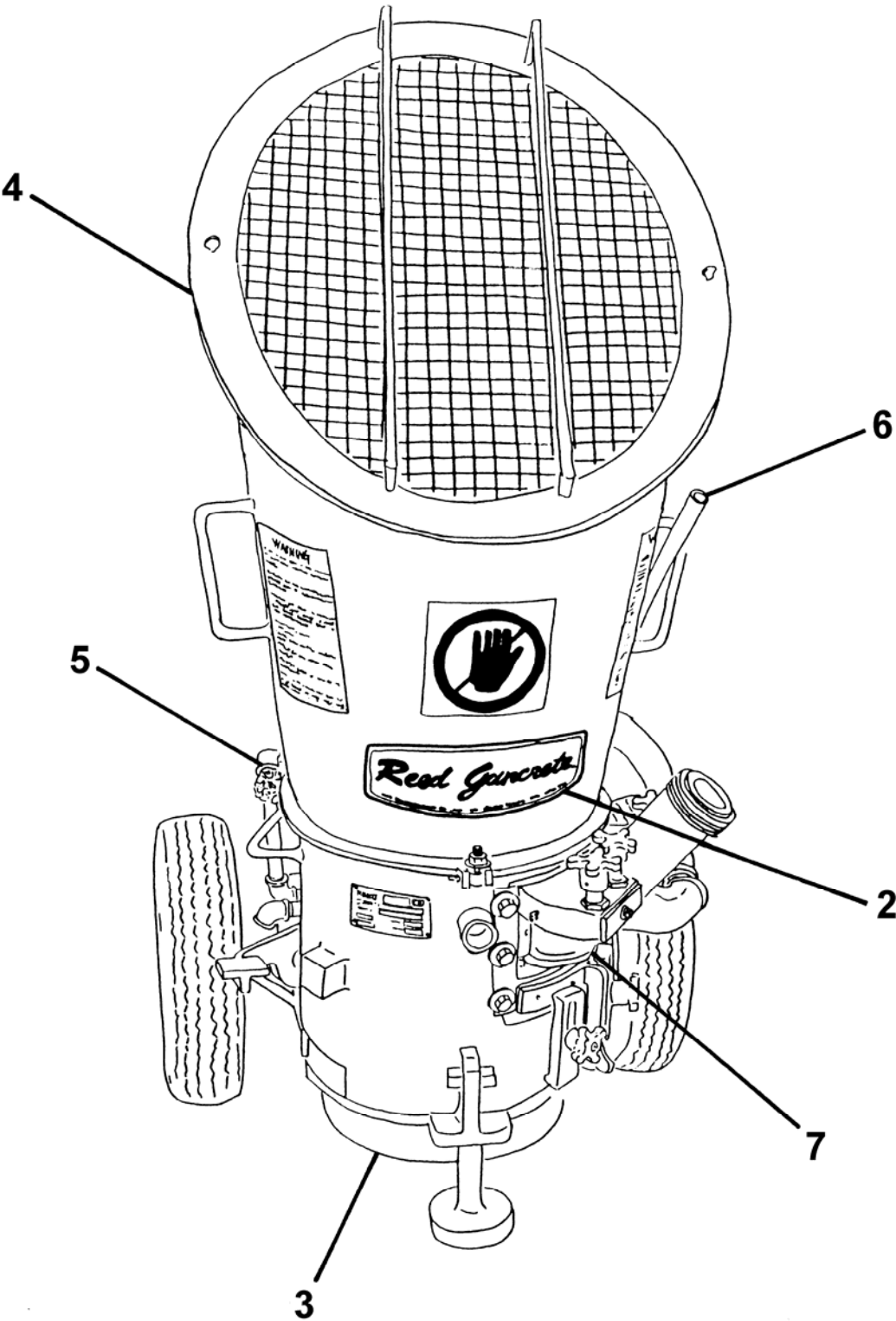
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



LARGE AIR MOTOR DRIVE (16AM)
TALL PREMIX HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 20
FIGURE 02
PAGE 01



REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1206	Installation, Large Air Motor Drive (16 Am) Tall Premix Hopper Final	Ref
2	20-05	• Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-02	• Installation, Premix Hopper and Pad (See Group 40, Figure 02 for DET)	1
5	50-03	• Installation, 16 Am Air Inlet (See Group 50, Figure 03 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

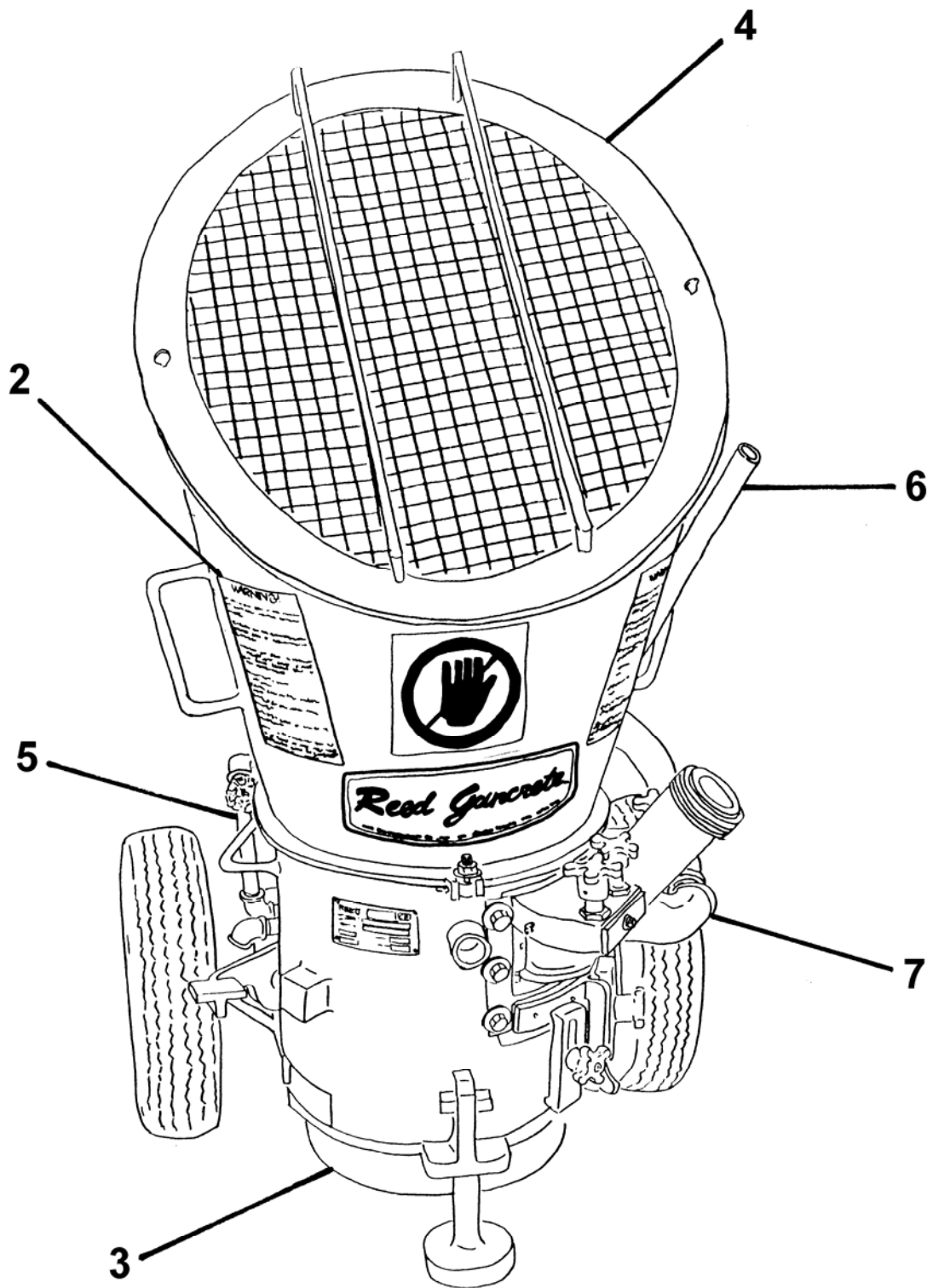
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



LARGE AIR MOTOR DRIVE (16AM)
SHORT PREMIX HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 20
FIGURE 03
PAGE 01



REVISION:



**LARGE AIR MOTOR DRIVE (16AM)
SHORT PREMIX HOPPER
FINAL INSTALLATION**

**LOVA
PARTS**
GROUP 20
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1212	Installation, Large Air Motor Drive (16 Am) Short Premix Hopper Final	Ref
2	20-05	• Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-03	• Installation, Short Hopper and Pad (See Group 40, Figure 03 for DET)	1
5	50-03	• Installation, 16 Am Air Inlet (See Group 50, Figure 03 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

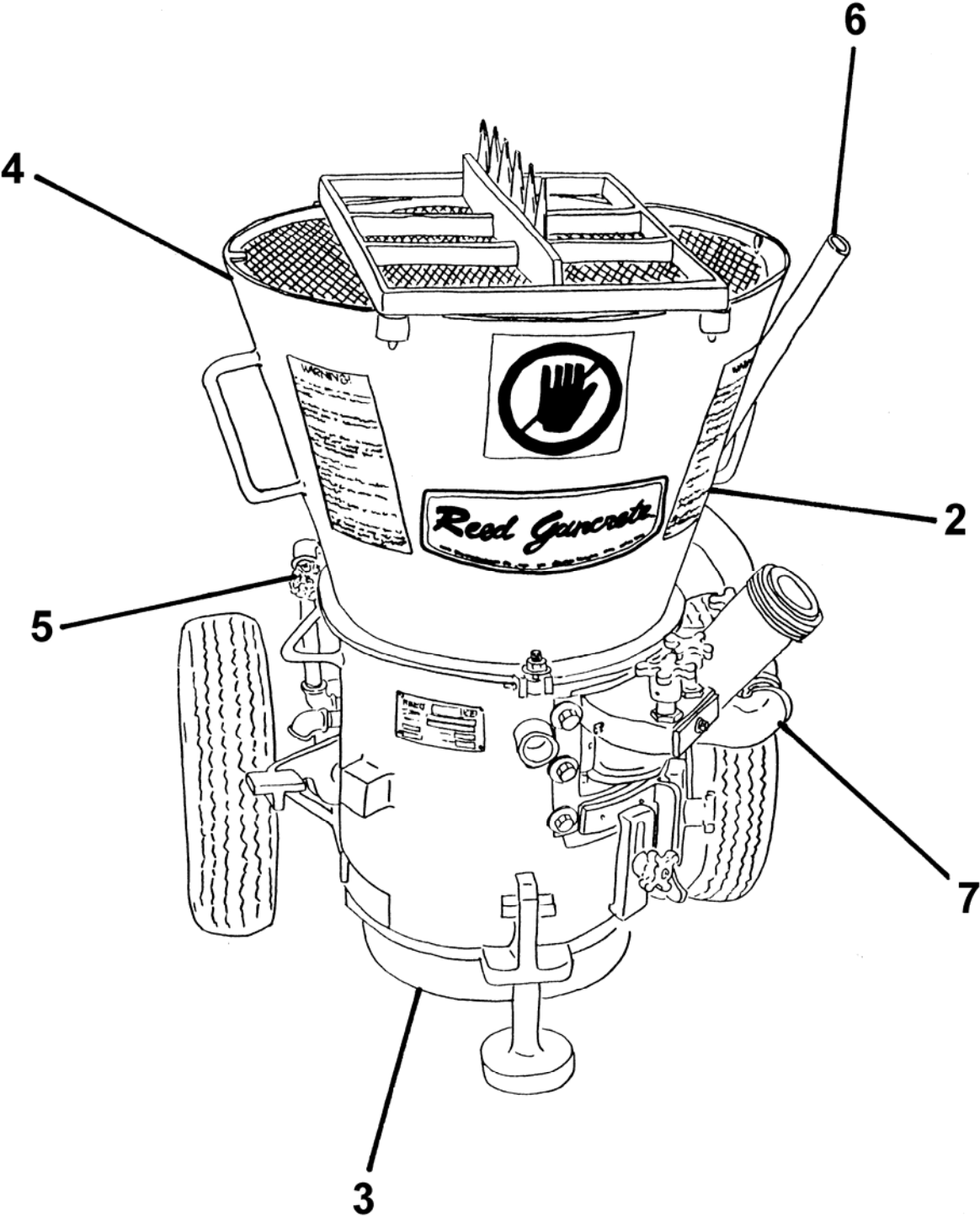
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



LARGE AIR MOTOR DRIVE (16AM)
REFRACTORY HOPPER
FINAL INSTALLATION

LOVA
PARTS
GROUP 20
FIGURE 04
PAGE 01





**LARGE AIR MOTOR (16AM)
REFRACTORY HOPPER
FINAL INSTALLATION**

**LOVA
PARTS**
GROUP 20
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	1260	Installation, Large Air Motor Drive (16 Am) Refractory Hopper Final	Ref
2	20-05	• Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 05 for DET)	1
3	30-01	• Installation, Base (See Group 30, Figure 01 for DET)	1
4	40-04	• Installation, Refractory Hopper and Pad (See Group 40, Figure 04 for DET)	1
5	50-04	• Installation, 16 Am Air Inlet for Refractory Hopper (See Group 50, Figure 04 for DET)	1
6	60-01	• Installation, Accessories (See Group 60, Figure 01 for DET)	1
7	70-01	• Installation, Optional (See Group 70, Figure 01 for DET)	1

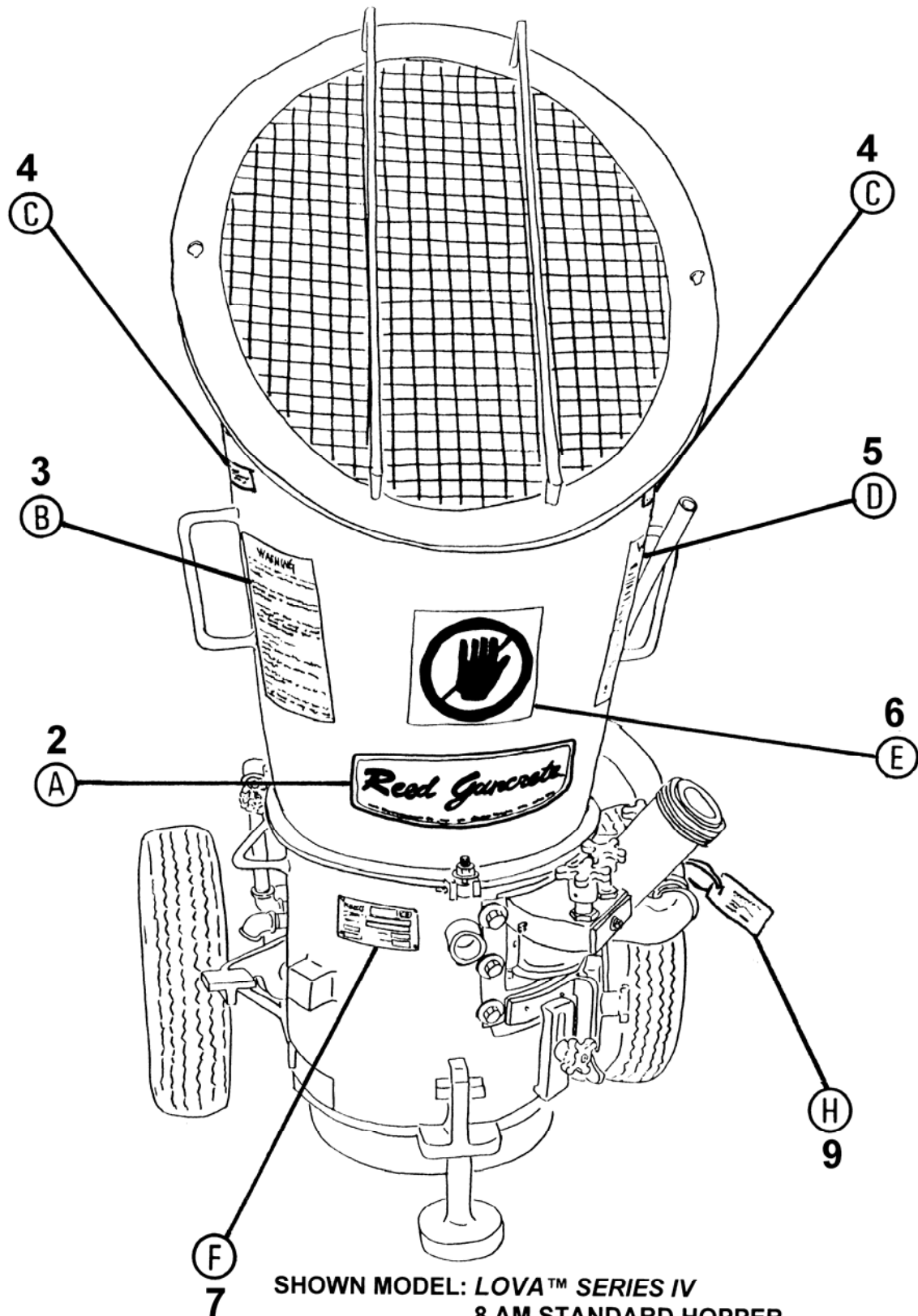
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



LARGE AIR MOTOR (16AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 20
FIGURE 05
PAGE 01



REVISION:



LARGE AIR MOTOR DRIVE (16AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 20
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-05	Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10833	• Decal, REED Guncrete	2
3	10840	• Decal, WARNING , The Inside Hopper of this Machine has	1
4	10842	• Decal, CAUTION , Do Not Lift this Machine by Hopper Handle	2
5	10839	• Decal, WARNING , The Wear Pad Area of this Machine is	1
6	75005	• Decal, DANGER , Do not Put Your Hands	2
7	13095	• Nameplate, Guns Serial Number	1
-8	10838	• Decal, WARNING , Safety Glasses	1
9	13274	• Tag, Excessive Bowl RPM May Create Premature Pad Wear and	1
-10	13273	• Tag, Machine Operator Must Set Oil Lubricator Flow,	1
-11		• Ty-Rap	2

12 13308 DECAL KIT

DASH (-) ITEM NOT ILLUSTRATED



(A)

2

REVISION:

WARNING!

The inside 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 hopper.

The screen on the hopper is bolted in a closed position to restrict access. If maintenance must be performed inside the hopper, proceed as follows:

- (1) Shut off power source.
air / electric
- (2) Disconnect air feed line or electrical cord.
- (3) Remove bolts securing the hopper screen.

Work inside the hopper may now be performed safely.

Upon completion of the work, replace the bolts and secure the hopper screen in a closed position. Reconnect air feed line or electrical cord and restore power.

(B)

3

CAUTION DO NOT LIFT
THIS MACHINE BY HOPPER HANDLES.
USE SLINGS UNDER MACHINE.

4

C

WARNING!

The wear pad area of this machine is extremely dangerous when the wear pad and pad back-up assembly are removed.

It is essential that strict safety procedures be followed before performing any work in the wear pad area.

If maintenance must be performed in this area then proceed as follows:

5

(1) Shut off power.
air / electric

(2) Disconnect air feed line or electric
cord.

D

Work in the wear pad area can now be performed safely.

Upon completion of this work, reconnect air feed line or electrical cord, and restore power.



LARGE AIR MOTOR (16AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 20
FIGURE 05
PAGE 05



6

(E)

REED 13822 OAKS AVENUE CHINO, CA 90710 USA		U.S. PAT. 5,150,991 5,645,379 AND PATS. PENDING		CE	
MODEL NO.					
SERIAL NO.					
HP		VOLTAGE			
HZ		AMPS			
13095D					

7

(F)

WARNING
ALWAYS WEAR SAFETY GLASSES
WHEN OPERATING THIS MACHINE

8

(G)

EXCESSIVE BOWL RPM MAY
CREATE PREMATURE PAD
WEAR AND EXCESSIVE DUST
COLLECTION (TO INCREASE
OUTPUT, FIRST INCREASE
CONVEYANCE AIR THEN BOWL
RPM).

9

(H)



LARGE AIR MOTOR (16AM)
DECAL ASSEMBLY

LOVA
PARTS
GROUP 20
FIGURE 05
PAGE 06

MACHINE OPERATOR MUST
SET OIL LUBRICATOR FLOW,
VALVES AND PAD ADJUSTING
STUDS, AT START UP AND AS
NEEDED DURING USE.

10

J

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20-05	Assembly, Large Air Motor Drive (16 Am) Unit Decal (See Group 20, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10833	• Decal, REED Guncrete	2
3	10840	• Decal, WARNING , The Inside Hopper of this Machine has	1
4	10842	• Decal, CAUTION , Do Not Lift this Machine by Hopper Handle	2
5	10839	• Decal, WARNING , The Wear Pad Area of this Machine is	1
6	75005	• Decal, DANGER , Do not Put Your Hands	2
7	13095	• Nameplate, Guns Serial Number	1
-8	10838	• Decal, WARNING , Safety Glasses	1
9	13274	• Tag, Excessive Bowl RPM May Create Premature Pad Wear and	1
-10	13273	• Tag, Machine Operator Must Set Oil Lubricator Flow,	1
-11		• Ty-Rap	2

DASH (-) ITEM NOT ILLUSTRATED



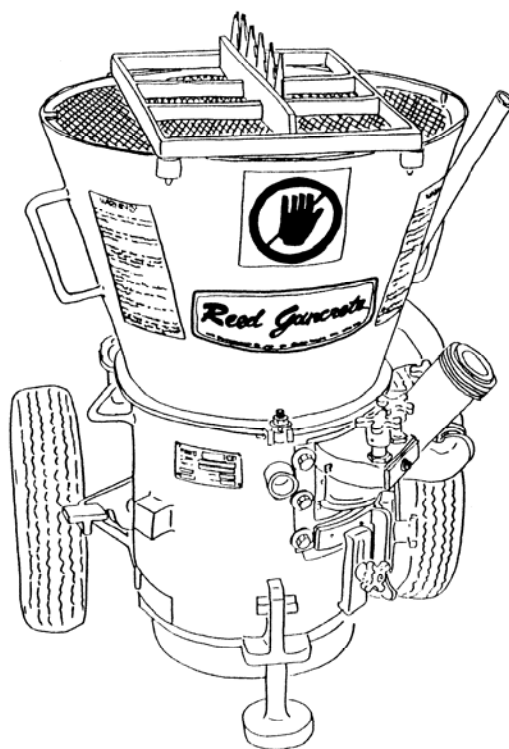
MODEL *LOVA* PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 20
FIGURE 06
PAGE 01

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REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED PARTS MANUAL GROUP 30 BASE GEAR INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	BASE GEAR INSTALLATION
FIGURE 02	BASE GEAR ASSEMBLY
FIGURE 03	DRIVE SPINDLE ASSEMBLY

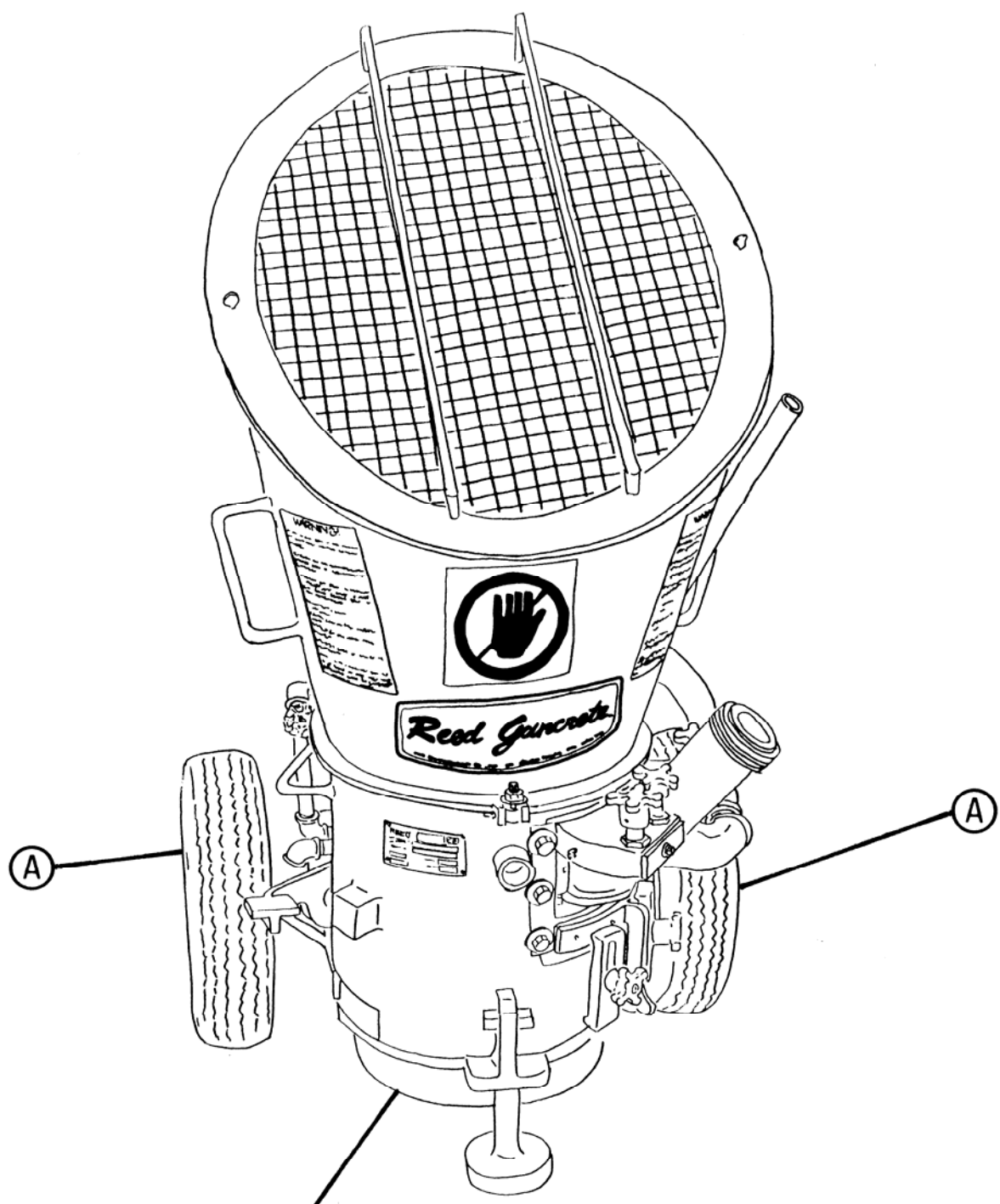


**SHOWN MODEL: LOVA™ SERIES IV
16 AM REFRACTORY HOPPER**

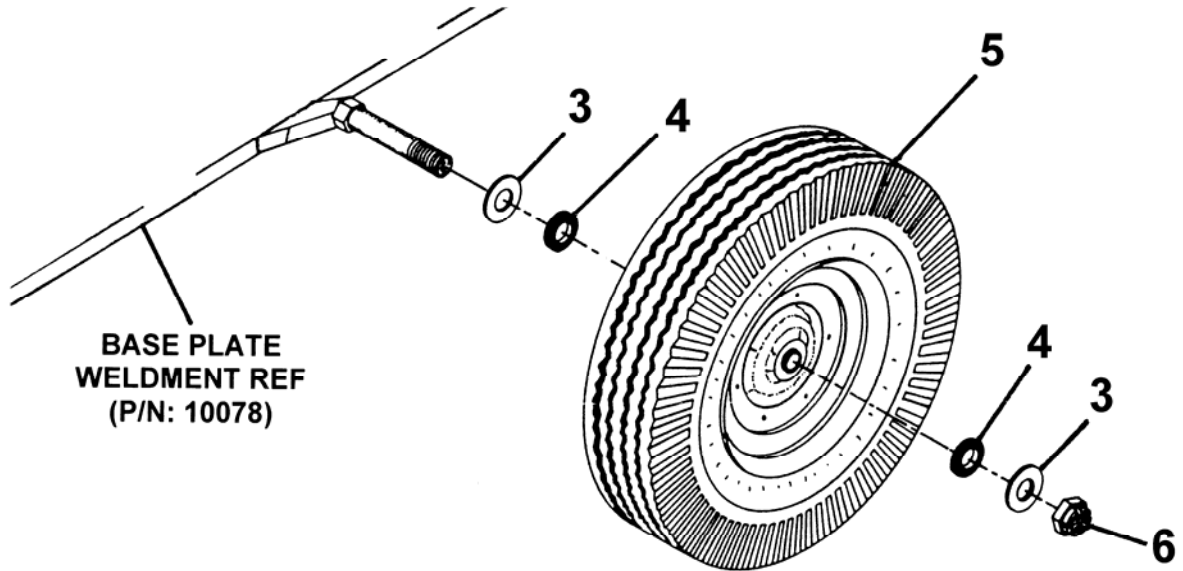


BASE GEAR INSTALLATION

LOVA
PARTS
GROUP 30
FIGURE 01
PAGE 01



2 SHOWN MODEL: LOVA™ SERIES 4
8 AM SHORT PREMIX HOPPER

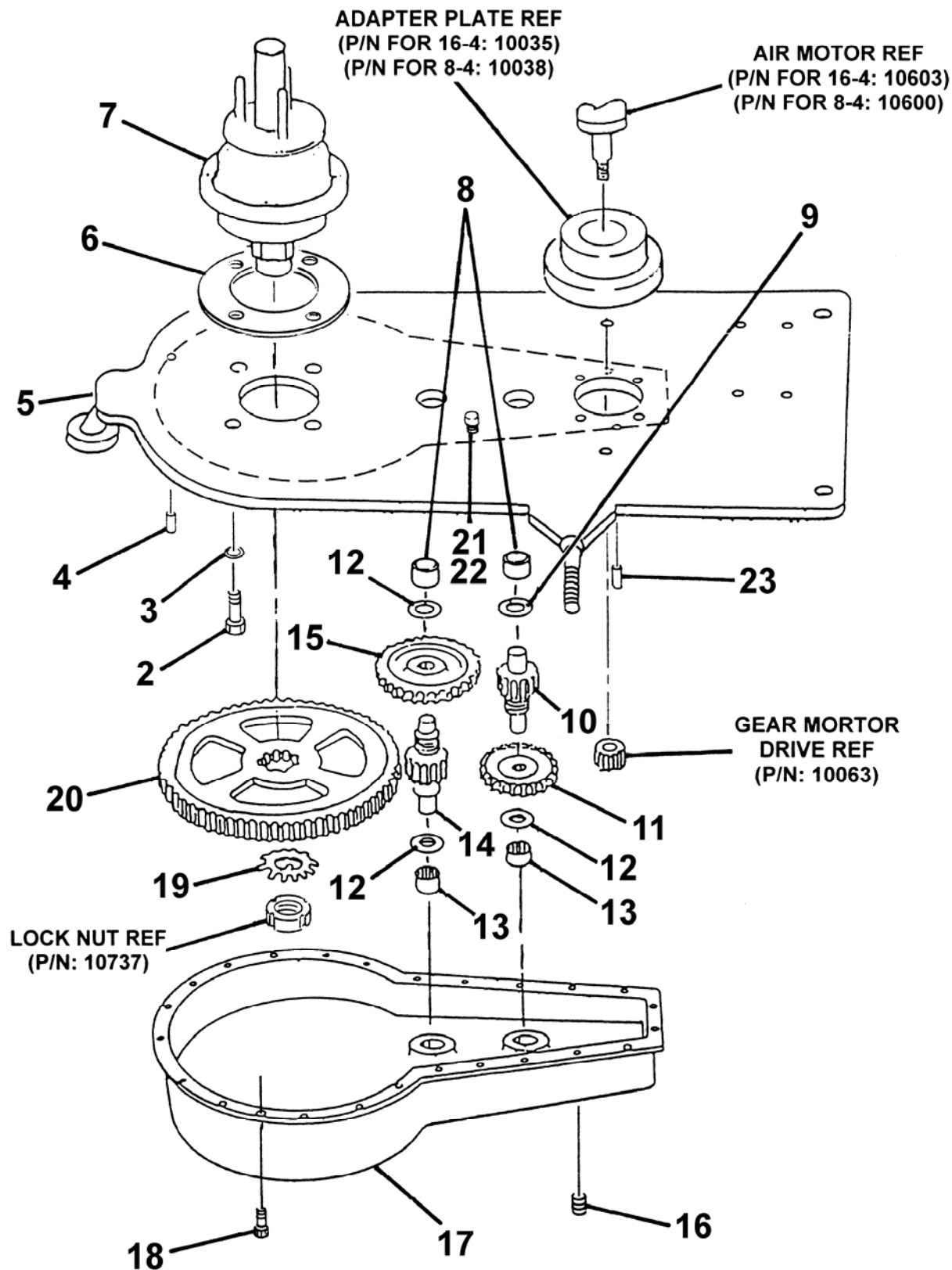


(A)

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
-1	30-01	1 2 3 4 5 Installation, Base Gear (See Group 10, Figure 01, 02, 03, 04, Group 20, Figure 01, 02, 03, and 04 for NHA)	Ref
2	10049	• Assembly, Base Gear (See Group 30, Figure 02 for DET)	1
3		• Washer, Flat	8
4	10714	• Washer, Felt	8
5	10713	• Assembly, Wheel and Tire	2
-5A	13321	• • Beating, Wheel	1
6	10738	• Nut, Flex Lock	4

DASH (-) ITEM NOT ILLUSTRATED

BASE GEAR ASSEMBLY



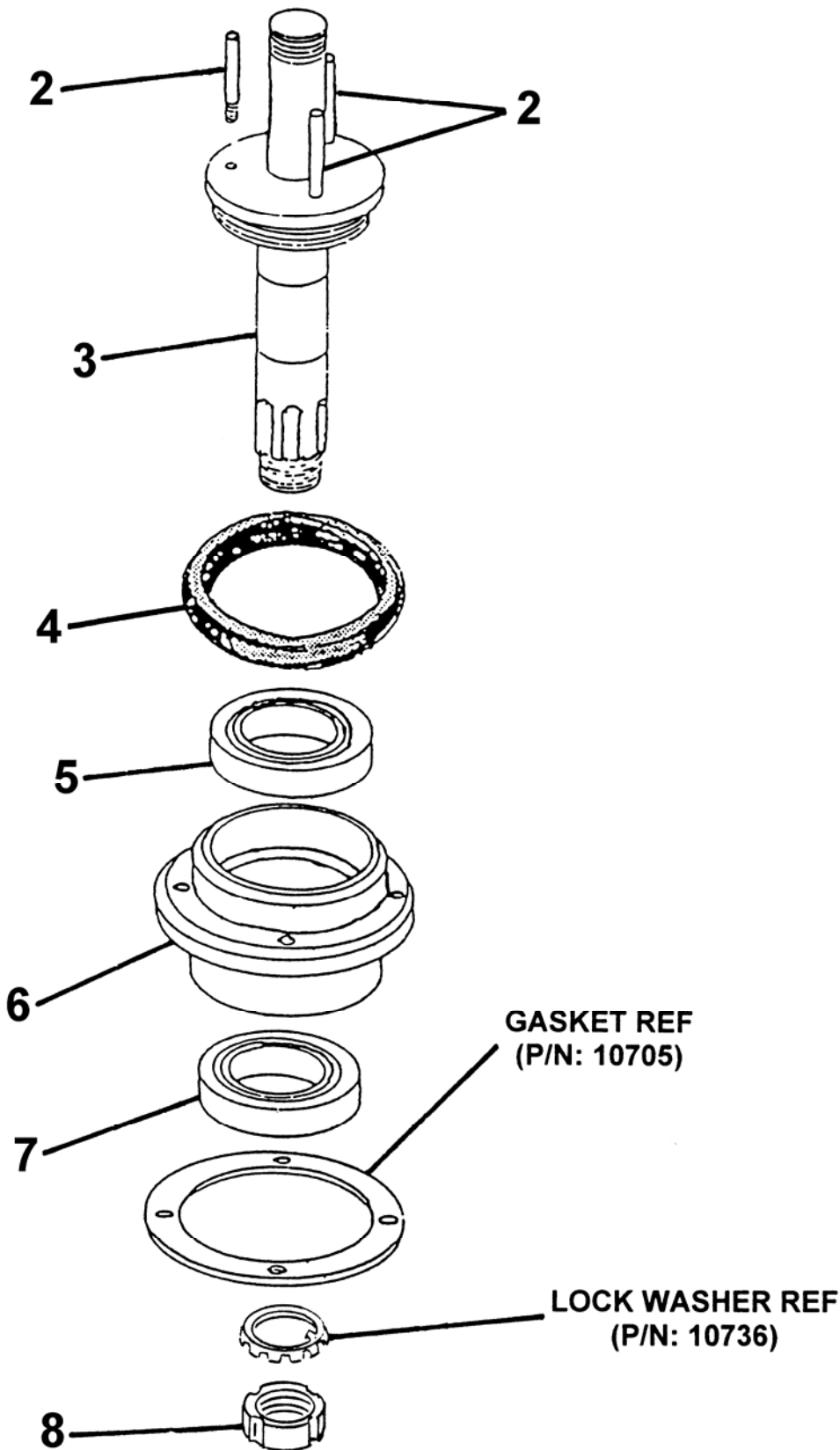
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10049	Assembly, Base Gear (See Group 30, Figure 01 for NHA)	Ref
2	80153	• Screw, Hex Cap	4
3	80074	• Washer, Lock	4
4	80361	• Pin, Dowel 2	2
5	10078	• Weldment, Base Plate	1
6	10705	• Gasket, Drive Spindle	1
7	10089	• Assembly, Drive Spindle (See Group 30, Figure 03 for DET)	1
8	10716	• Bearing, Pinion	2
9	10718	• Washer, Thrust	1
10	10720	• Shaft, Pinion Gear	1
11	10721	• Gear	1
12	10717	• Washer, Thrust	3
13	10723	• Bearing, Pinion	2
14	10724	• Shaft, Pinion Gear	1
15	10722	• Gear	1
16	74943	• Plug, Drain	1
17	10725	• Housing, Gear pan	1
18	80253	• Screw, Socket Head	18
19	10736	• Washer, Lock	1
20	10715	• Gear, Bull	1
21	10706	• Cap, Oil Filler and Breather	1
22	10707	• Pipe, Oil Filler and Breather	1

DASH (-) ITEM NOT ILLUSTRATED



DRIVE SPINDLE ASSEMBLY

LOVA
PARTS
GROUP 30
FIGURE 03
PAGE 01



REVISION:



DRIVE SPINDLE ASSEMBLY

LOVA
PARTS
GROUP 30
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10089	Assembly, Drive Spindle (See Group 30, Figure 02 for NHA)	Ref
2	10728	• Stud, Spindle	3
3	10729	• Hub, Splined Spindle	1
4	10701	• Seal, Spindle	1
5	10702	• Bearing, Upper Spindle	1
6	10703	• Housing, Grey Iron	1
7	10704	• Bearing, Lower Spindle	1
8	10737	• Nut, Lock	1

DASH (-) ITEM NOT ILLUSTRATED

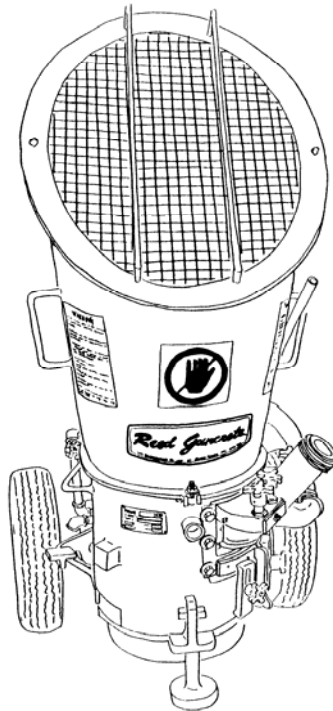
REVISION:



MODEL *LOVA* PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 30
FIGURE 04
PAGE 01

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**SHOWN MODEL: LOVA™ SERIES 4
8 AM TALL PREMIX HOPPER**

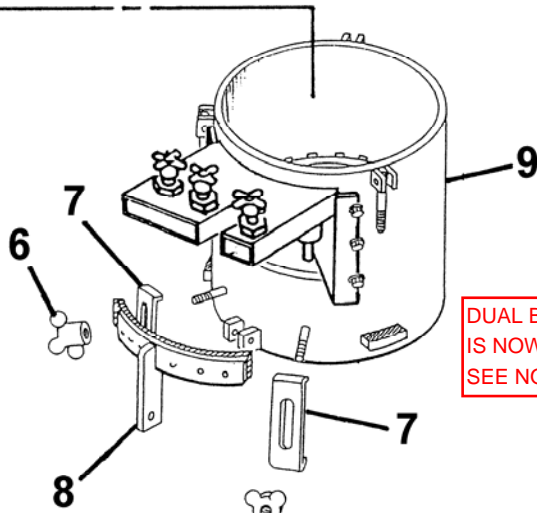
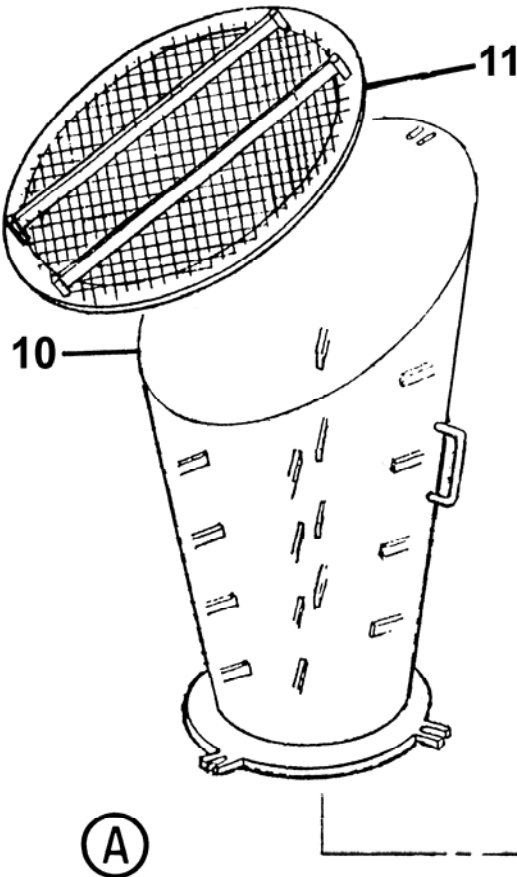
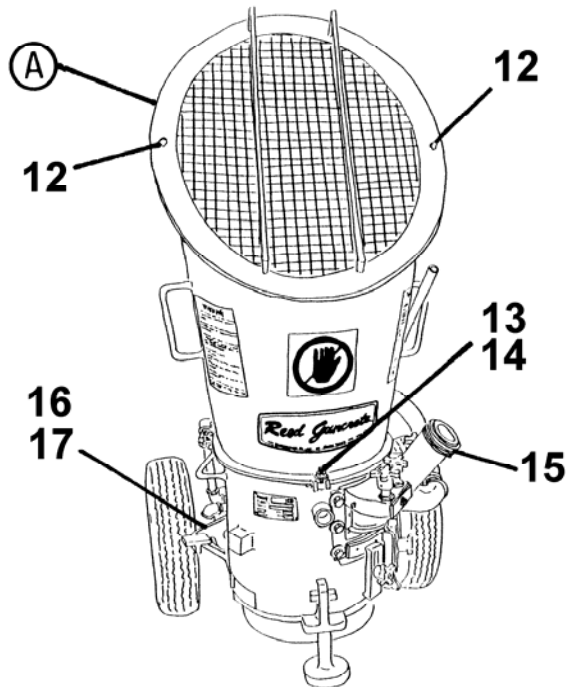
REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED PARTS MANUAL GROUP 40 HOPPER AND PAD INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	STANDARD HOPPER AND PAD INSTALLATION
FIGURE 02	TALL PREMIX HOPPER AND PAD INSTALLATION
FIGURE 03	SHORT PREMIX HOPPER AND PAD INSTALLATION
FIGURE 04	REFRACTORY HOPPER AND PAD INSTALLATION
FIGURE 05	FEED WHEEL PAD HOUSING INSTALLATION
FIGURE 06	PAD HOUSING ASSEMBLY
FIGURE 07	KNOB GUIDE ASSEMBLY
FIGURE 08	PAD ADJUSTING STUD ASSEMBLY
FIGURE 09	12 POCKET WITH DIVIDER FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 10	2 INCH SOLID LARGE AGGREGATE PAD BACKUP ASSEMBLY

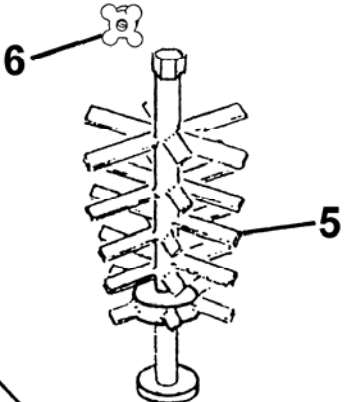


STANDARD HOPPER
AND PAD INSTALLATION

LOVA
PARTS
GROUP 40
FIGURE 01
PAGE 01



DUAL BOLT VERSION
IS NOW OBSOLETE.
SEE NOTES BELOW.



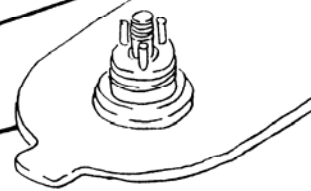
WEAR
PLATE
REF



FEED
BOWL
REF



BASE GEAR
ASSEMBLY REF
(P/N: 10049)



REVISION:

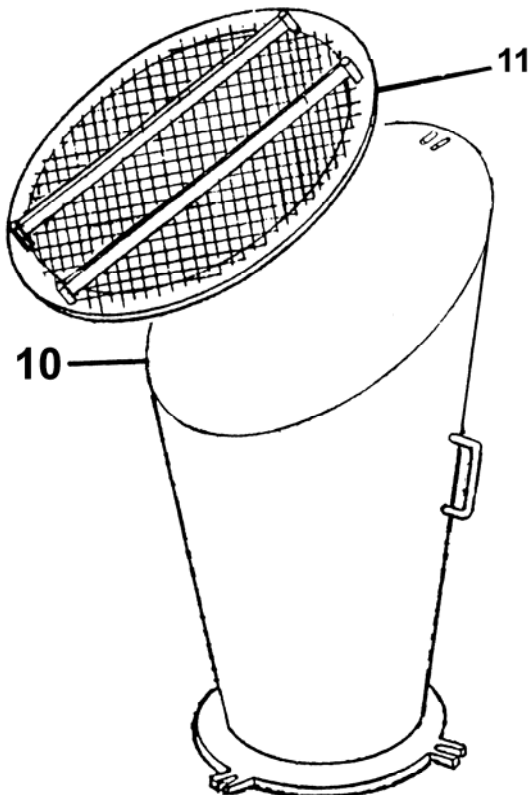
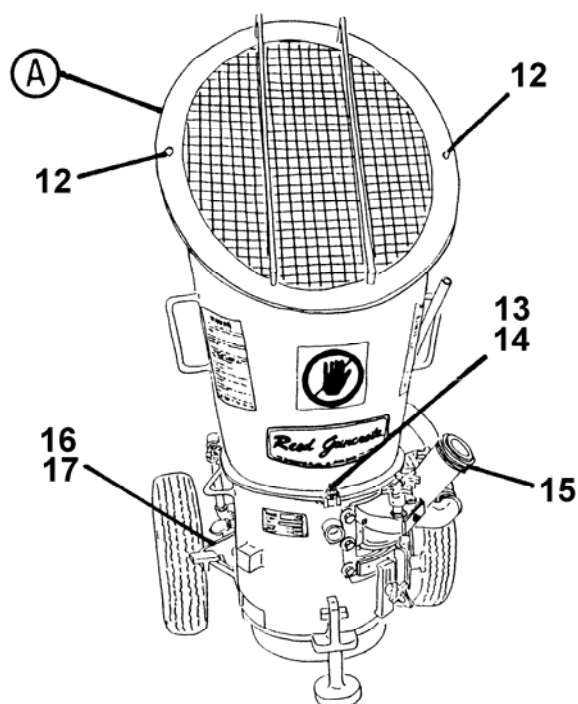
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-01	Assembly, Standard Hopper and Pad (See Group 10, Figure 01 and Group 20, Figure 01 for NHA)	Ref
2	10826	• Plate, Thick Riser	A/R
3	10827	• Plate, Thin Riser	A/R
4	10825	• Plate, Medium Riser	A/R
5	10812	• Weldment, 30 Blade Agitator	1
6	20075	• Knob, Pad Clamp	2
7	20072	• Clamp, Block Pad	2
8	10039	• Weldment, Pad Clamp	1
9	10071	OBSOLETE. SEE NOTES BELOW	1
10	10902	• Weldment, Standard Mixer Hopper	2
11	10906	• Weldment, 8 AM 1" Mesh Screen	1
	10905	• Weldment, 16 AM 1" Mesh Screen	1
12	Thumb Screw with Flat Head for Hand Screwing Hopper Screen - No Part Number (NPN) 20154 Swing Bolt (with holes drilled in them) x 3 + 80297 Pin (goes into Swing Bolt) 80005 Nut (the washer is a "no part number" 5/8" washer - not included)		x 2
13			x 3
14			x 3
15	40-09	• Installation, 12 Pocket with Divider Feed Wheel and Pad Backup (See Group 40, Figure 09 for DET)	1
16	10731	• Weldment, Kicker Bar and Foot Pedal	1
17	10735	• Bolt, Shoulder	1

DASH (-) ITEM NOT ILLUSTRATED

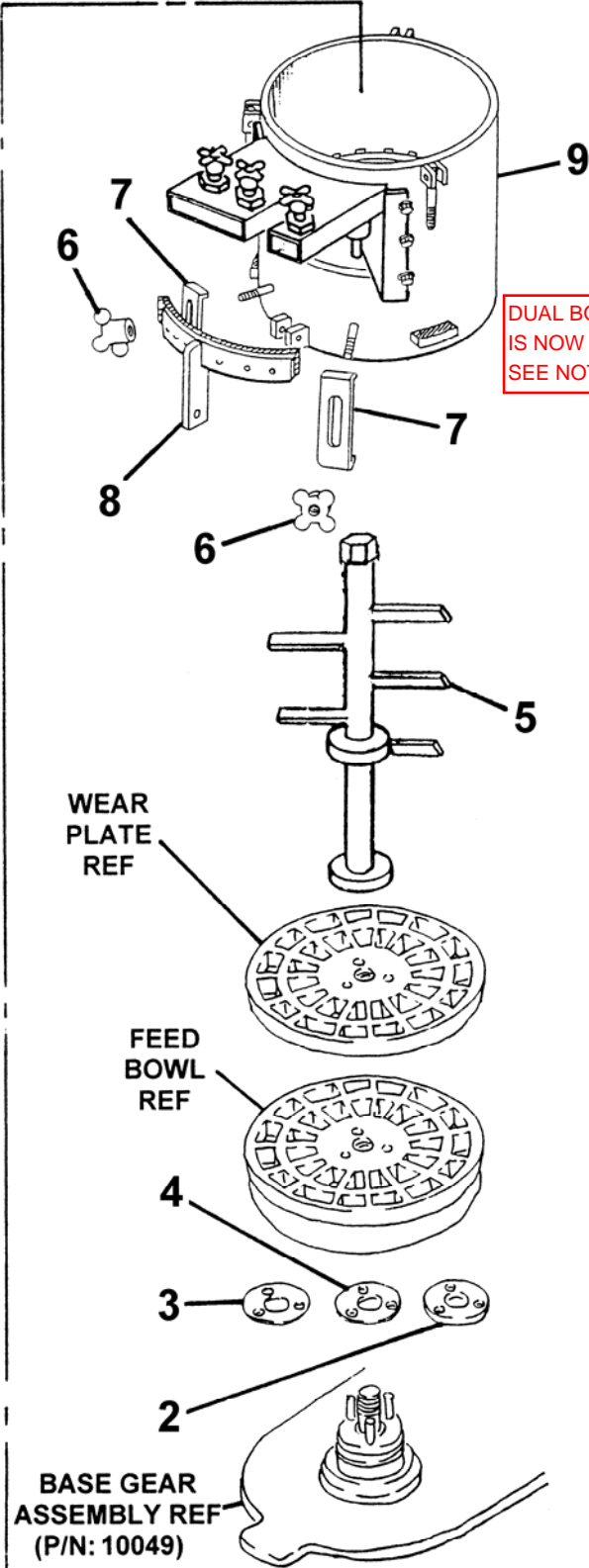


TALL PREMIX HOPPER
AND PAD INSTALLATION

LOVA
PARTS
GROUP 40
FIGURE 02
PAGE 01



A



DUAL BOLT VERSION
IS NOW OBSOLETE.
SEE NOTES BELOW.

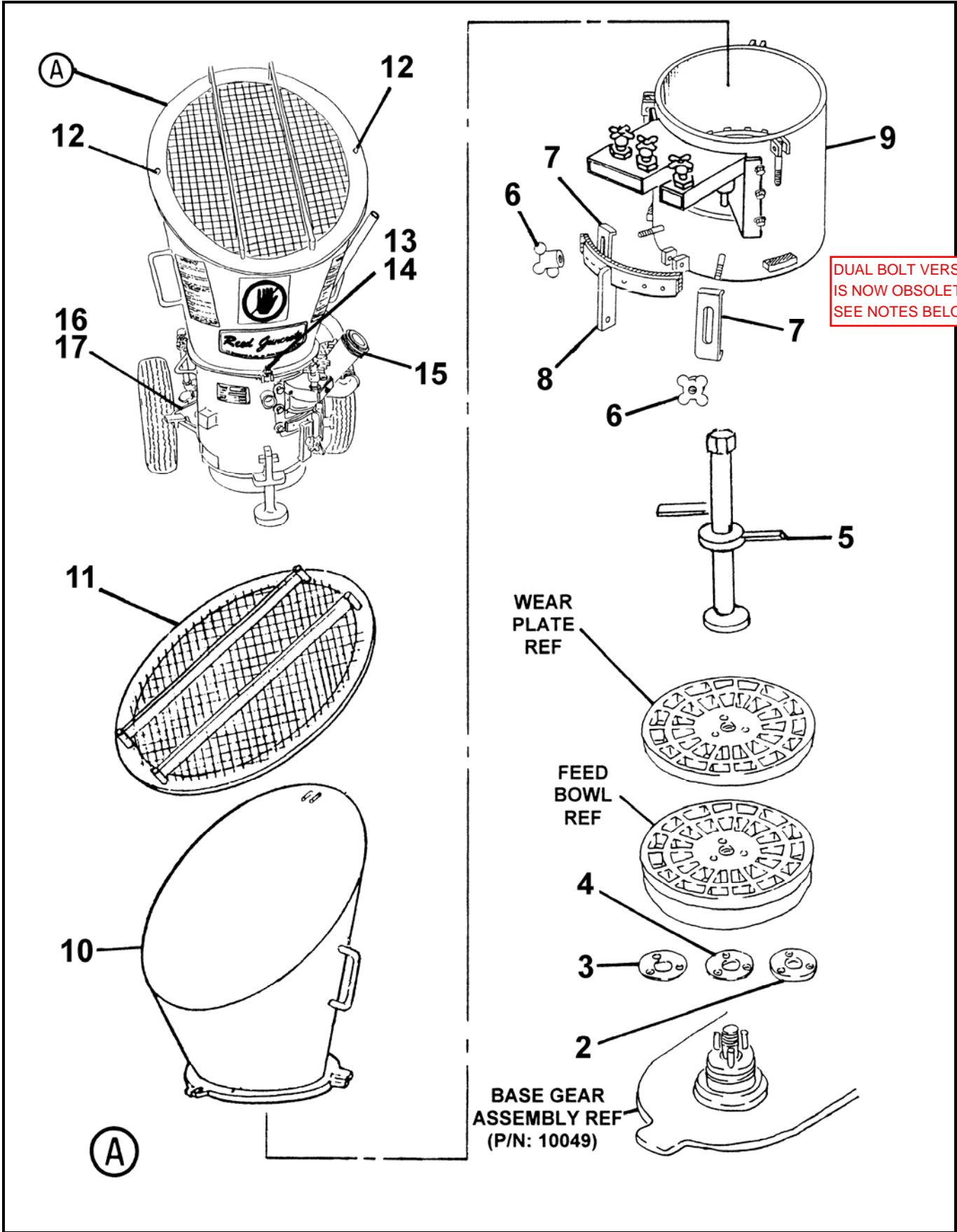
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-02	Assembly, Tall Premix Hopper and Pad (See Group 10, Figure 02 and Group 20, Figure 02 for NHA)	Ref
2	10826	• Plate, Thick Riser	A/R
3	10827	• Plate, Thin Riser	A/R
4	10825	• Plate, Medium Riser	A/R
5	10810	• Weldment, 2 Blade Agitator	1
6	20075	• Knob, Pad Clamp	2
7	20072	• Clamp, Block Pad	2
8	10039	• Weldment, Pad Clamp	1
9	10071	OBSOLETE. SEE NOTES BELOW	1
10	10901	• Weldment, Tall Premix Hopper	2
11	10906	• Weldment, 8 AM 1" Mesh Screen	1
	10905	• Weldment, 16 AM 1" Mesh Screen	1
12	Thumb Screw with Flat Head for Hand Screwing Hopper Screen - No Part Number (NPN) x 2 20154 Swing Bolt (with holes drilled in them) x 3 + 80297 Pin (goes into Swing Bolt) x 3 80005 Nut (the washer is a "no part number" 5/8" washer - not included) x 3		
13			
14			
15	40-09	• Installation, 12 Pocket with Divider Feed Wheel and Pad Backup (See Group 40, Figure 09 for DET)	1
16	10731	• Weldment, Kicker Bar and Foot Pedal	1
17	10735	• Bolt, Shoulder	1

DASH (-) ITEM NOT ILLUSTRATED



SHORT PREMIX HOPPER
AND PAD INSTALLATION

LOVA
PARTS
GROUP 40
FIGURE 03
PAGE 01



REVISION:

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-03	Assembly, Short Premix Hopper and Pad (See Group 10, Figure 03 and Group 20, Figure 03 for NHA)	Ref
2	10826	• Plate, Thick Riser	A/R
3	10827	• Plate, Thin Riser	A/R
4	10825	• Plate, Medium Riser	A/R
5	10810	• Weldment, 2 Blade Agitator	1
6	20075	• Knob, Pad Clamp	2
7	20072	• Clamp, Block Pad	2
8	10039	• Weldment, Pad Clamp	1
9	10071	OBSOLETE. SEE NOTES BELOW	1
10	10900	• Weldment, Short Premix Hopper	2
11	10906	• Weldment, 8 AM 1" Mesh Screen	1
	10905	• Weldment, 16 AM 1" Mesh Screen	1
12	Thumb Screw with Flat Head for Hand Screwing Hopper Screen - No Part Number (NPN)		x 2
13	20154	Swing Bolt (with holes drilled in them) x 3 + 80297 Pin (goes into Swing Bolt)	x 3
14	80005	Nut (the washer is a "no part number" 5/8" washer - not included)	x 3
15	40-09	• Installation, 12 Pocket with Divider Feed Wheel and Pad Backup (See Group 40, Figure 09 for DET)	1
16	10731	• Weldment, Kicker Bar and Foot Pedal	1
17	10735	• Bolt, Shoulder	1

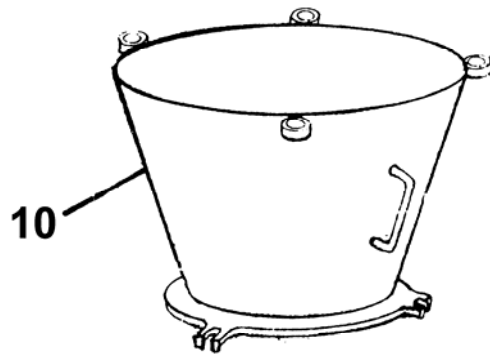
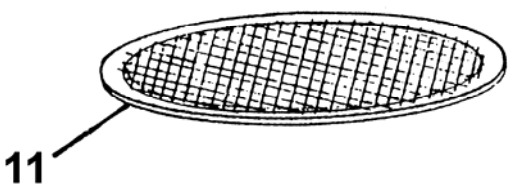
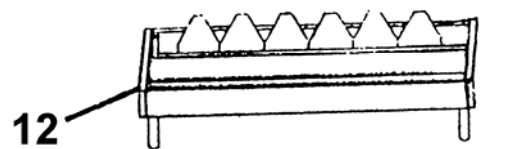
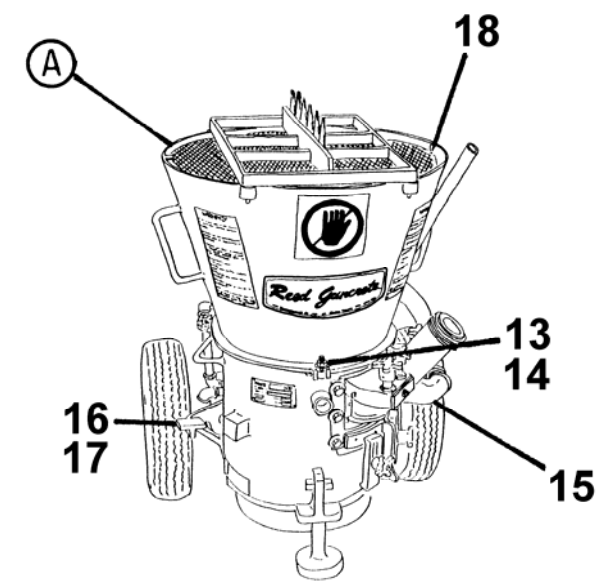
DASH (-) ITEM NOT ILLUSTRATED



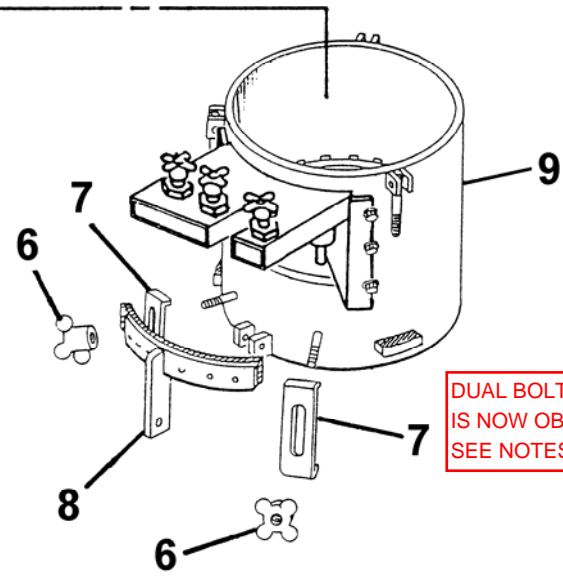
REFRACTORY HOPPER
AND PAD INSTALLATION

LOVA
PARTS

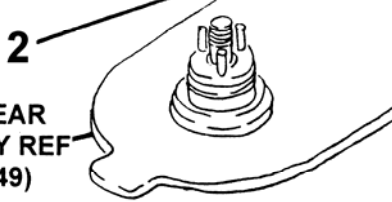
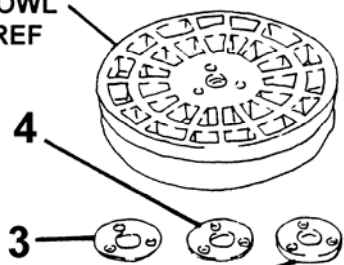
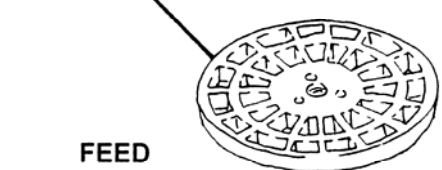
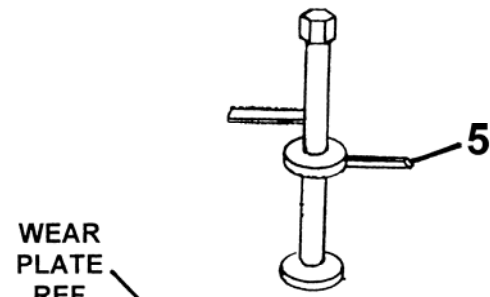
GROUP 40
FIGURE 04
PAGE 01



A



DUAL BOLT VERSION
IS NOW OBSOLETE.
SEE NOTES BELOW.



REVISION:



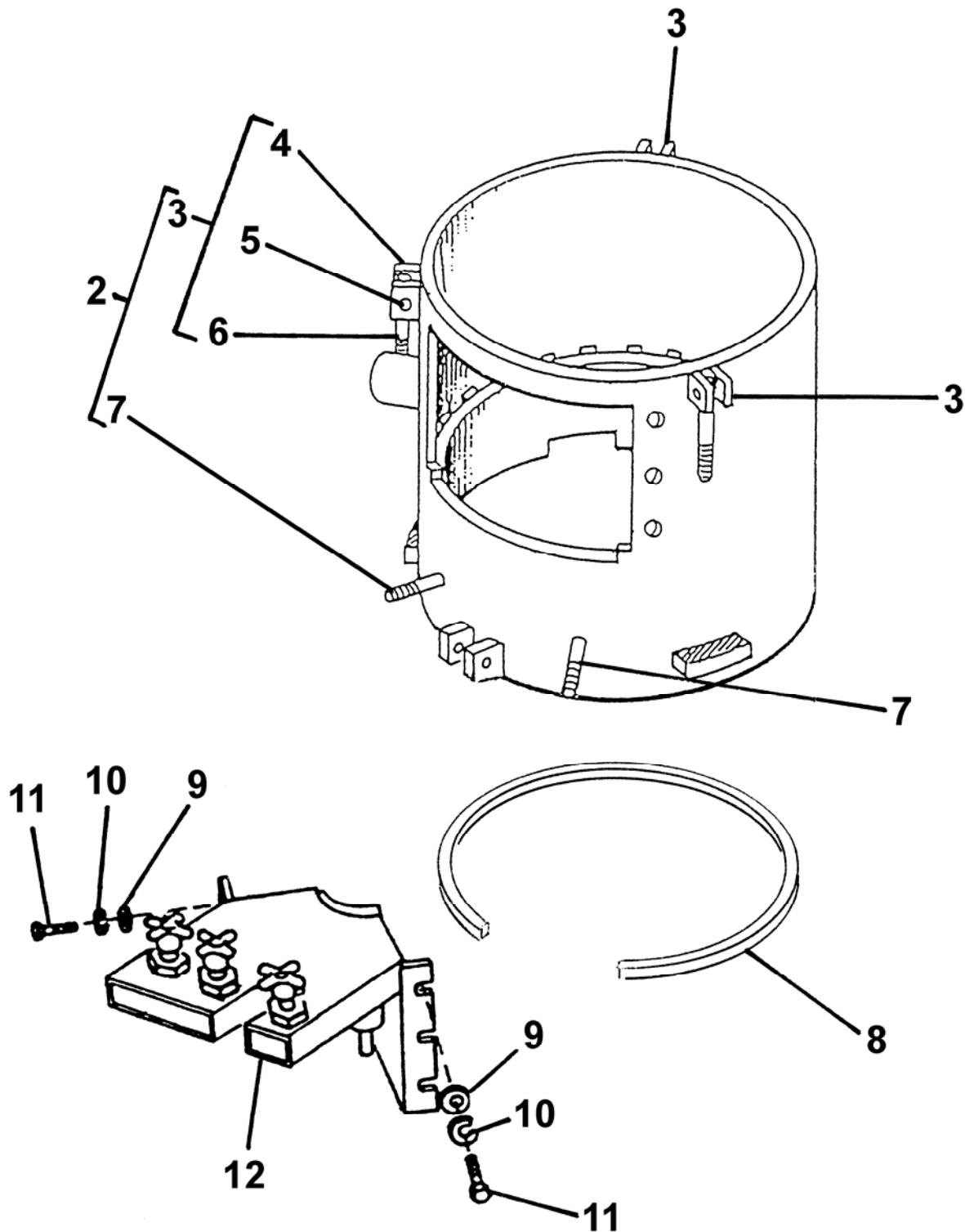
REFRACTORY HOPPER AND PAD INSTALLATION

LOVA
PARTS
GROUP 40
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-04	Assembly, Refractory Hopper and Pad (See Group 10, Figure 01 for NHA)	Ref
2	10826	• Plate, Thick Riser	A/R
3	10827	• Plate, Thin Riser	A/R
4	10825	• Plate, Medium Riser	A/R
5	10810	• Weldment, 2 Blade Agitator	1
6	20075	• Knob, Pad Clamp	2
7	20072	• Clamp, Block Pad	2
8	10039	• Weldment, Pad Clamp	1
9	10071	OBSOLETE. SEE NOTES BELOW	1
10	10903	• Weldment, Refractory Hopper	2
11	10907	• Weldment, 3/4" Mesh Screen	1
12	10939	• Weldment, Bag Breaker	2
13	80005	• Bolt, Hex	3
14		• Washer, Flat 5/8"	3
15	40-09	• Installation, 12 Pocket with Divider Feed Wheel and Pad Backup (See Group 40, Figure 09 for DET)	1
16	10731	• Weldment, Kicker Bar and Foot Pedal	1
17	10735	• Bolt, Shoulder	1
18		• Screw, Thumb	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





FEED WHEEL
PAD HOUSING INSTALLATION

LOVA
PARTS
GROUP 40
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	Ref
-1	10071	OBSOLETE. A COMPLETE FEEDWHEEL PAD HOUSING ASSY IS NOW 13318 + 60050 + 60051	
2	10020	OBSOLETE. DUAL BOLTS ARE NOW SINGLE BOLT. SEE 13317 BELOW.	1
3	20066	• • Assembly, Swing Bolt	3
4	10927	• • • Bracket, Swing Bolt	1
5	80297	• • • Pin, Spring	1
6	20154	• • • Bolt , Swing	1
7	10928	• • Stud, Clamp	2
8	10005	• Seal, Felt	1
9	80074	• Washer, Flat	6
10	80044	• Washer, SPL Lock	6
11	80151	• Bolt, Hex	6
12	10040	• Assembly, Pad Housing (See Group 40, Figure 06 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



1

2

REF



3

2

CLOSE-UP VIEW

B I L L O F M A T E R I A L S

#1-PN 13317 FEED WHEEL HOUSING WELDMENT (VERSION V06) (QTY-1)

#2-PN 60050 PAD CLAMP ASSY (QTY-1)

#3-PN 60051 NUT-WING,PAD CLAMP (QTY-1)

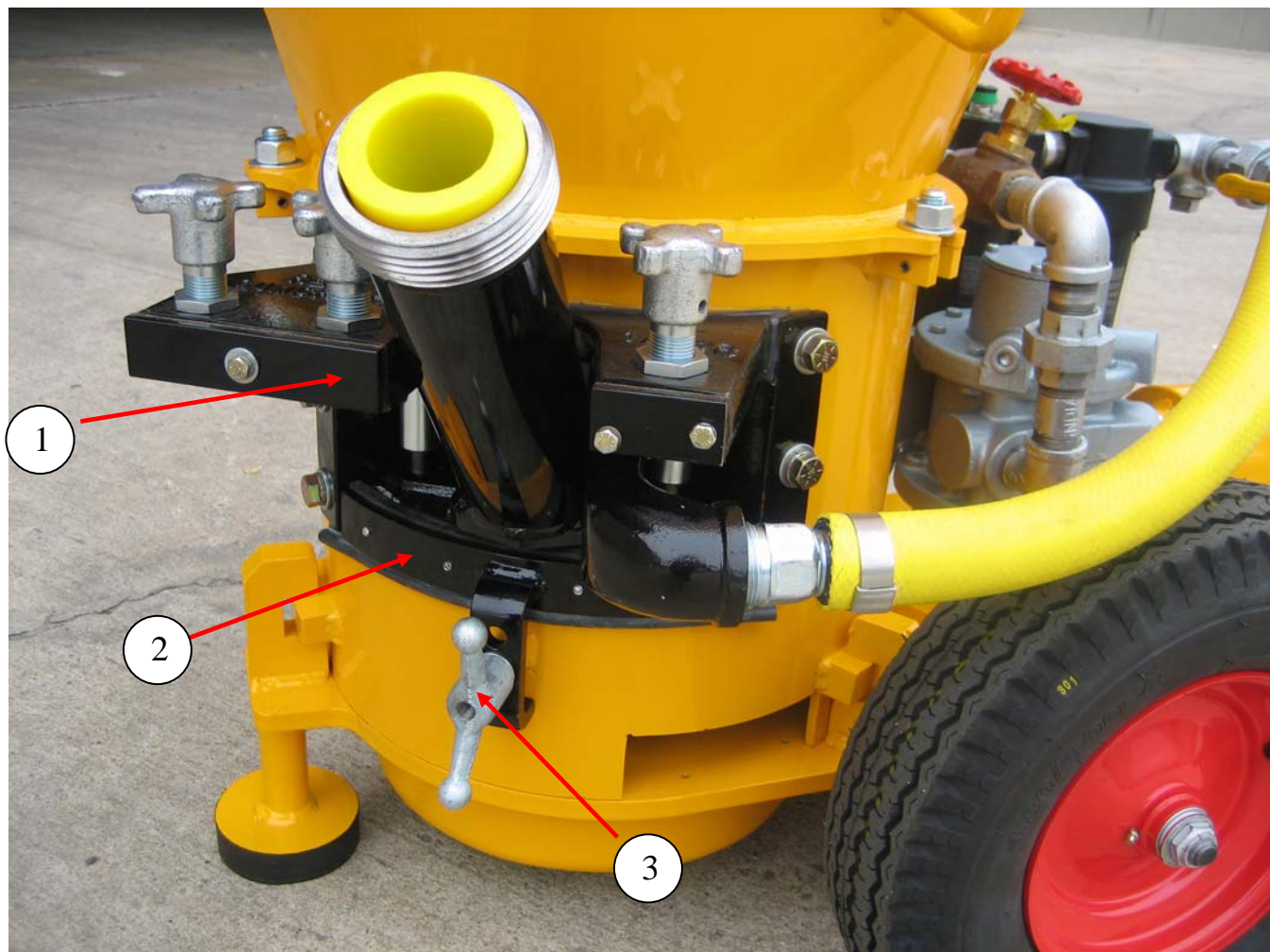
NOTES: 1. USED ON REED GUN MODEL LOVA FOR OLDER MODEL REPLACEMENT,TO BRING TO VERSION 6 LEVEL.

2. REPLACES PN 10020 & PN 60047 FEED WHEEL HOUSINGS.

FYI - p/n 13318 consists of part numbers 13317 FEED WHEEL HOUSING + 10040 PAD HOUSING ASSEMBLY (#12 on previous page) + 10005 (felt seal (#8 on previous page)

REED CONCRETE PLACING EQUIPMENT
CHINO, CA 91710

P/N 13324 WILL UPGRADE YOUR FEEDWHEEL HOUSING TO A VERSION 6 (YOU MUST KEEP YOUR EXISTING PAD HOUSING (P/N 10040)



4

13318 INCLUDES:

13317 – FEED WHEEL HOUSING (YELLOW PART)
10040 – PAD HOUSING ASSEMBLY
(BLACK PART)
10005 – FELT SEAL

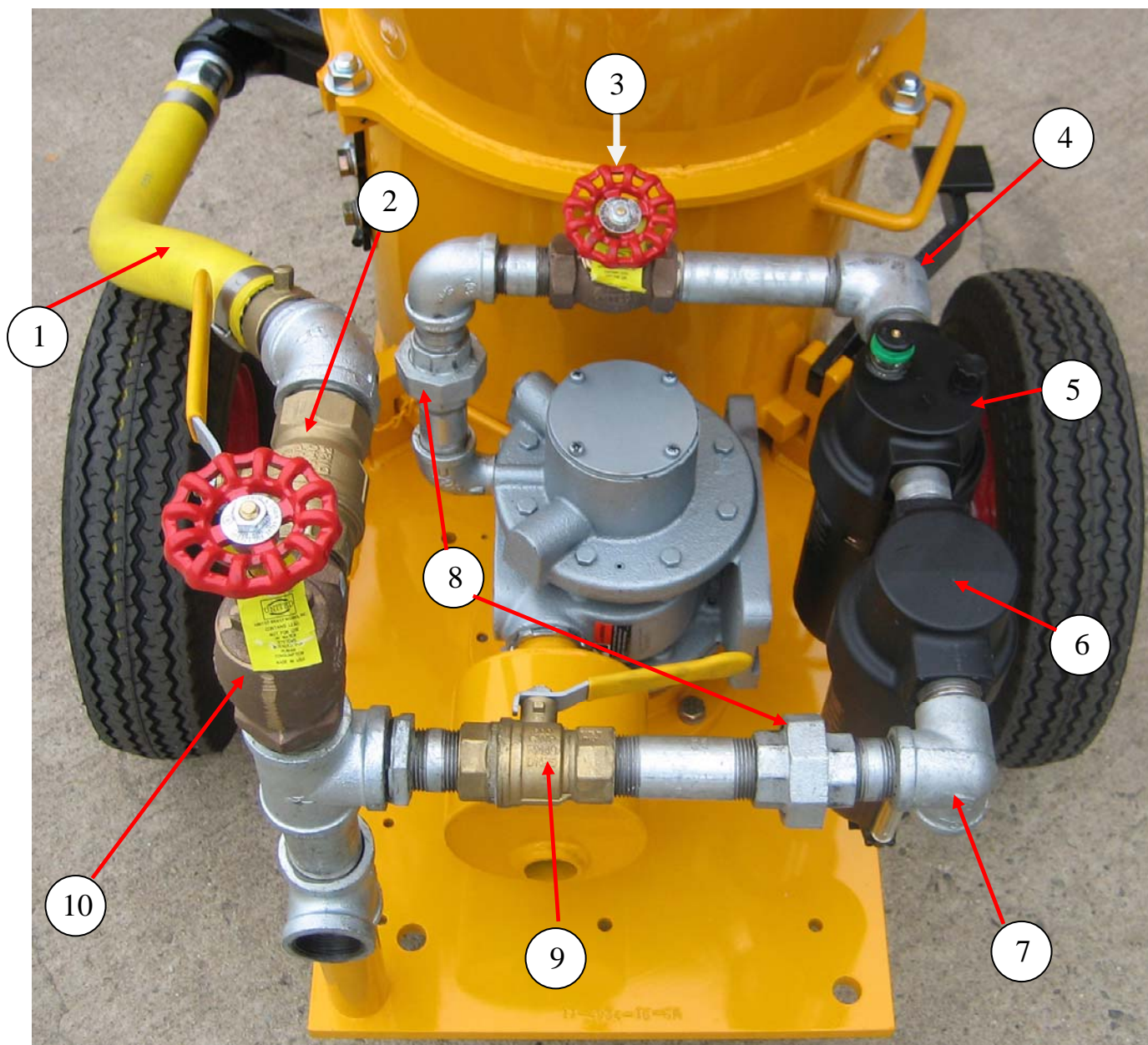
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	10040	PAD HOUSING ASSEMBLY (COMPLETE)	1	EA
2	60050	PAD CLAMP (INCLUDES RUBBER STRIP)	1	EA
3	60051	NUT/WINGNUT FOR PAD CLAMP	1	EA
4	13318	FEEDWHEEL & PAD HOUSING ASSY (COMPLETE)		



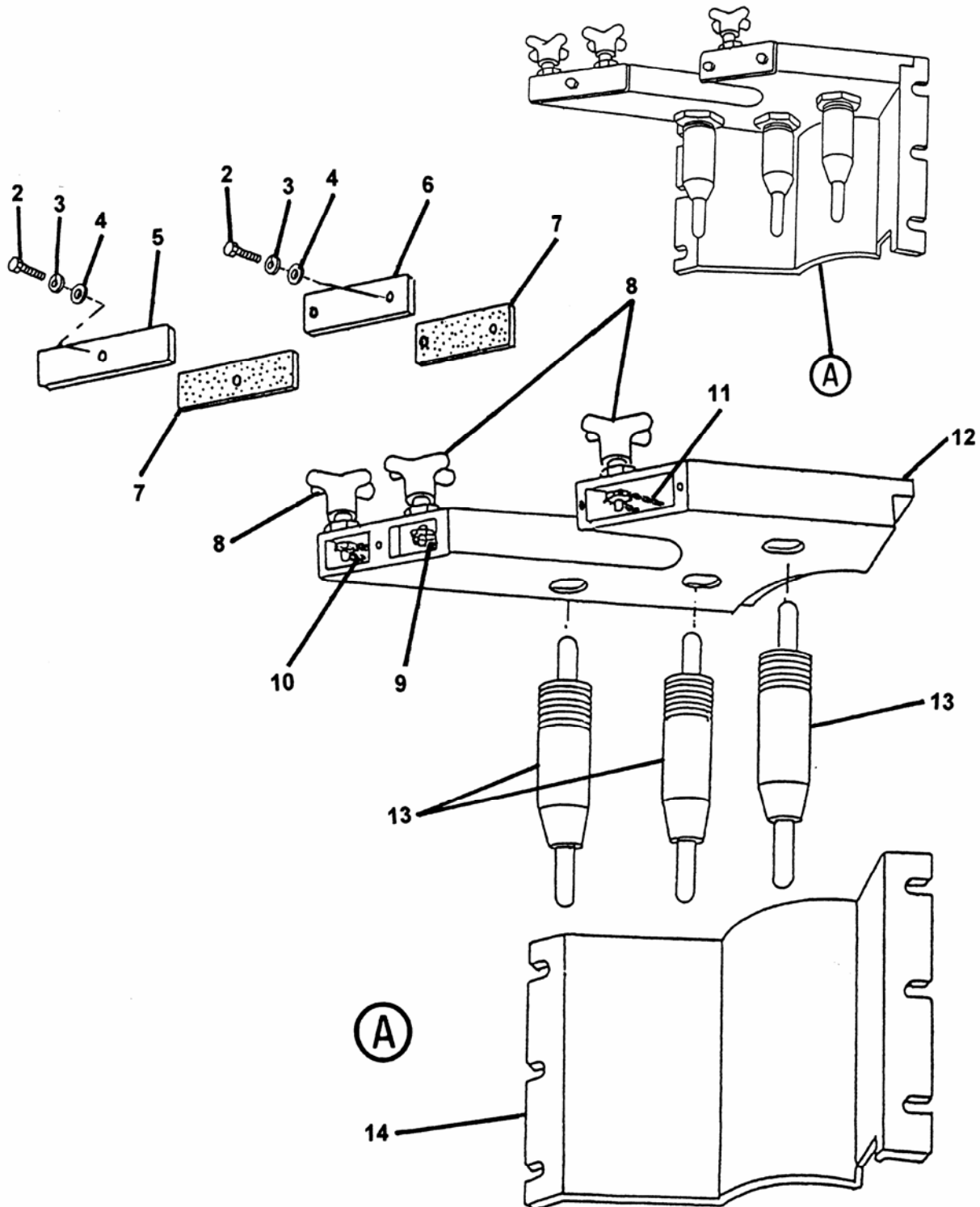
LOVA 16 VERSION 6

PARTS CHANGES / UPGRADES

13822 Oaks Avenue
Chino, CA 91710
reedpumps.com
(909) 287 - 2100



ID #	PART #	PART DESCRIPTION	QUANTITY	
				EA
1	10260-1	CROSSOVER HOSE FOR PAD BACKUP ASSEMBLY	1	EA
2	10290	1-1/4" AIR CONTROL VALVE	1	EA
3	10284	1" MOTOR SPEED CONTROL VALVE	1	EA
4	10283	1" SIDE OUTLET ELBOW	1	EA
5	10325N	16AM LUBRICATOR	1	EA
6	10323N	16AM WATER SEPARATOR / AIR FILTER	1	EA
7	10283	1" SIDE OUTLET ELBOW	1	EA
8	10285	1" UNION	2	EA
9	10281	1" MOTOR ON-OFF VALVE	1	EA
10	10295	1-1/4" BRASS ANGLE VALVE	1	EA
11	10002	AIR INLET SUPPORT	1	EA





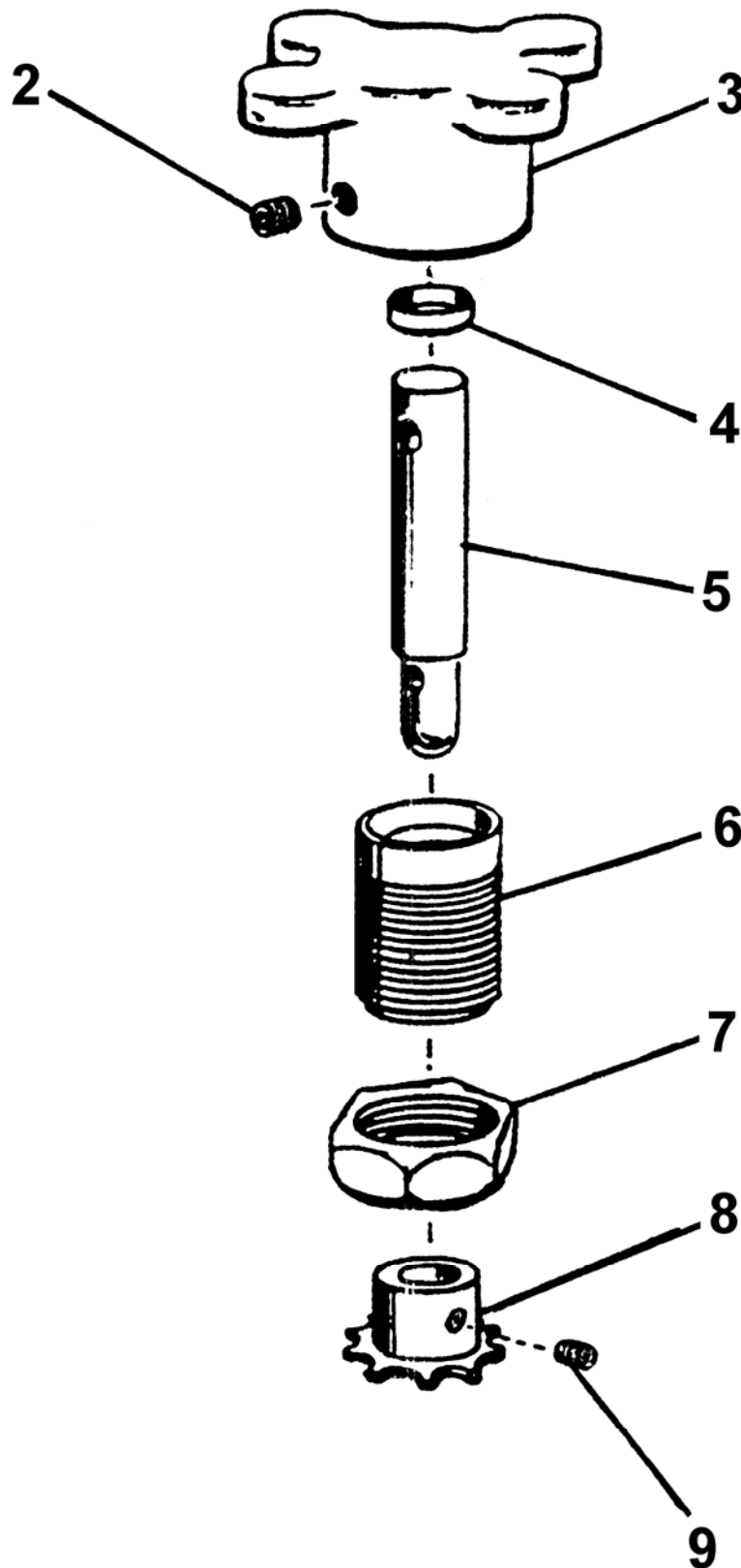
PAD HOUSING ASSEMBLY

LOVA
PARTS
GROUP 40
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10040	Assembly, Pad Housing (See Group 40, Figure 05 for NHA)	Ref
2	80091	• Screw, Hex Cap	3
3		• Washer, SPL Lock	3
4		• Washer, Flat	3
5	10074	• Weldment, Pad Housing Chain Cover	1
6	10096	• Weldment, Pad Housing Chain Cover	1
7	20182	• Gasket, Pad Housing	A/R
8	20187	• Assembly, Knob Guide (See Group 40, Figure 07 for DET)	3
9	10094	• Chain, Pad Adjusting Long	1
10	10093	• Chain, Pad Adjusting Medium	1
11	10092	• Chain, Pad Adjusting Short	1
12	10076	• Top, Pad Housing	1
13	10047	• Assembly, Pad Adjusting Stud (See Group 40, Figure 08 for DET)	3
14	10077	• Side, Pad Housing	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





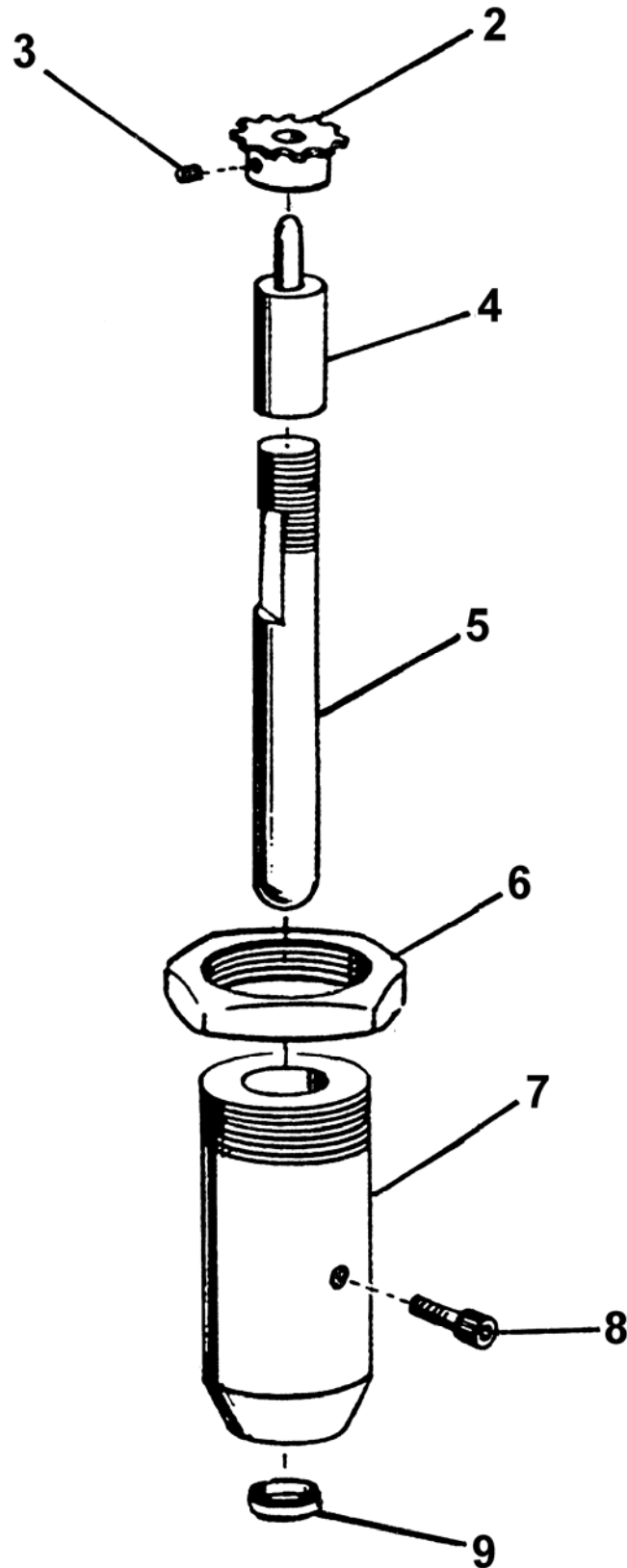
KNOB GUIDE ASSEMBLY

LOVA
PARTS
GROUP 40
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	20187	Assembly, Knob Guide (See Group 40, Figure 06 for NHA)	Ref
2	80370	• Screw, Socket Set	1
3	20003	• Knob, Pad Adjusting	1
4	20002	• Seal, Pad Adjusting Stud	1
5	20021	• Stud, Pad Adjusting Knob	1
6	20020	• Guide, Pad Adjusting Knob	1
7	20005	• Nut, Pad Adjusting Jam	1
8	20004	• Sprocket, Pad Adjusting Chain	1
9	80369	• • Screw, Socket Set	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





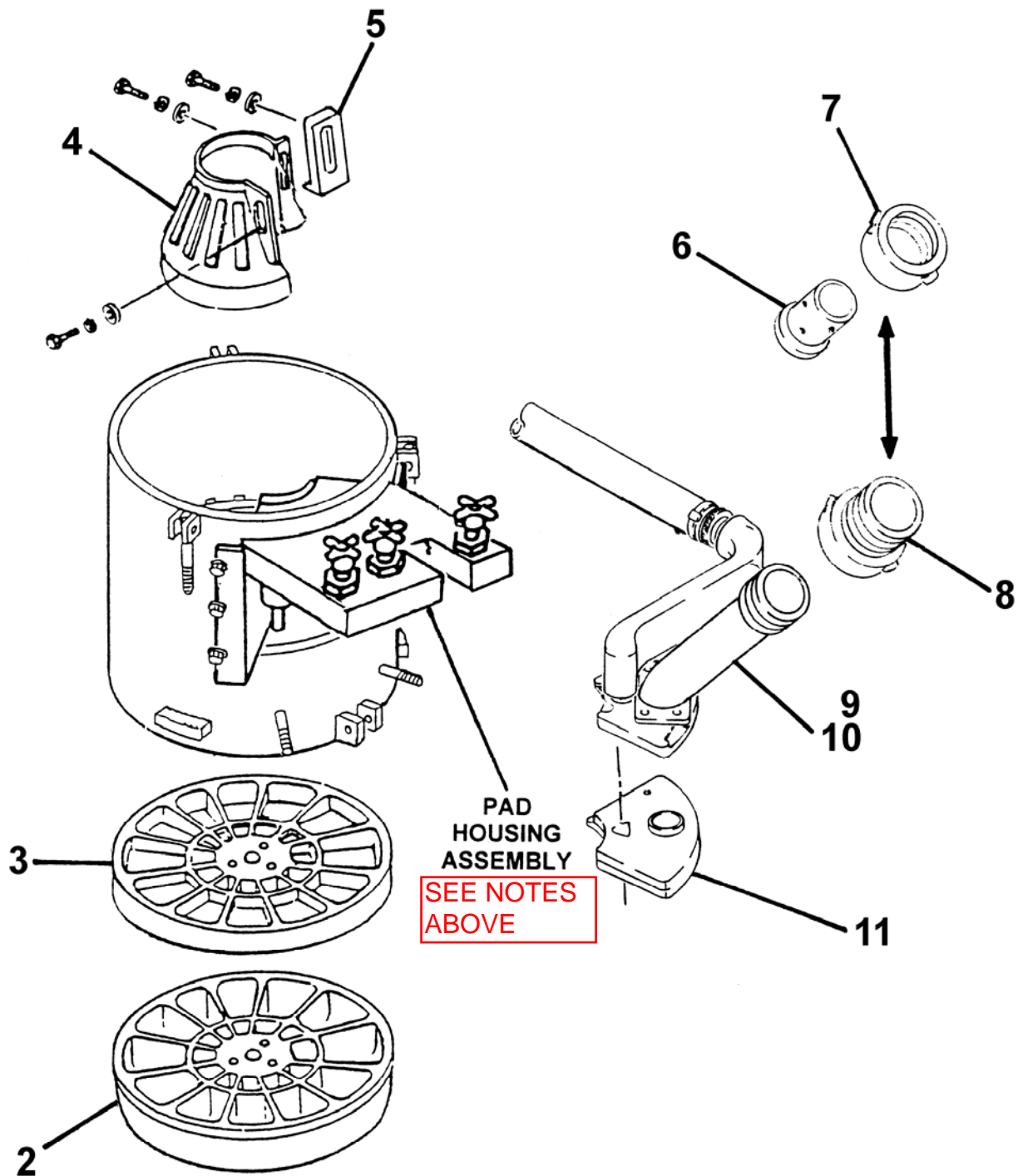
PAD ADJUSTING STUD ASSEMBLY

LOVA
PARTS
GROUP 40
FIGURE 08
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10047	Assembly, Pad Adjusting Stud (See Group 40, Figure 06 for NHA)	Ref
2	20004	• Sprocket, Pad Adjusting Chain with Set Screw	1
3	80369	• • Screw, Socket Set	1
4	20018	• Stud, Pad Adjusting Pusher	1
5	10018	• Stud, Pad Adjusting	1
6	20001	• Nut, Pad Adjusting Jam	1
7	20017	• guide, Pad Adjusting Stud	1
8	80252	• Screw, Socket Head Cap	1
9	20002	• Seal, Pad Adjusting Stud	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





**12 POCKET WITH DIVIDER FEED WHEEL
AND PAD BACKUP INSTALLATION**

LOVA
PARTS
GROUP 40
FIGURE 09
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	40-09	Installation, 12 Pocket with Divider Feed Wheel and Pad Backup (See Group 40, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10797	• Feed Bowl, 12 Pocket with Divider	1
3	10796	• Plate, 12 Pocket with Divider	1
4	10922	• Cone, Rock	1
5	10014	• Shear, Narrow Rock	1
6	11021	• End, Coarse 2 Inch Female Hose (Optional Item)	1
7	11033	• Nut, Coarse 2 Inch Coupling (Optional Item)	1
8	12087	• Adapter, 2 Inch to 2-1/2 Inch Goose Neck (Optional Item)	1
9	10665	• Assembly, 2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 40, Figure 14 for DET)	1
10	10666	• Assembly, 2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 01 for DET)	1
11	10336	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



2 INCH SOLID LARGE AGGREGATE
PAD BACKUP ASSEMBLY

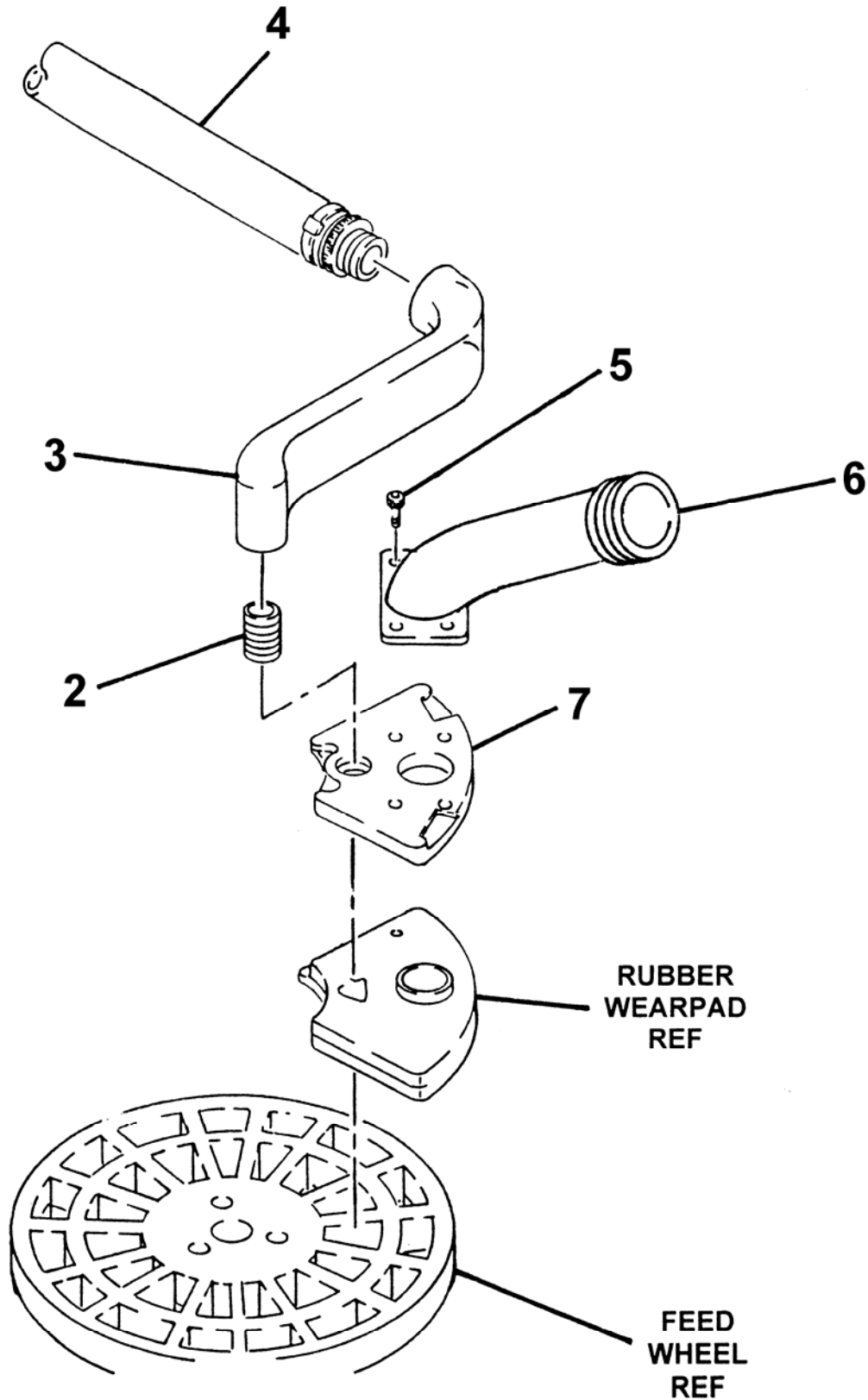
LOVA

PARTS

GROUP 40

FIGURE 10

PAGE 01



REVISION:



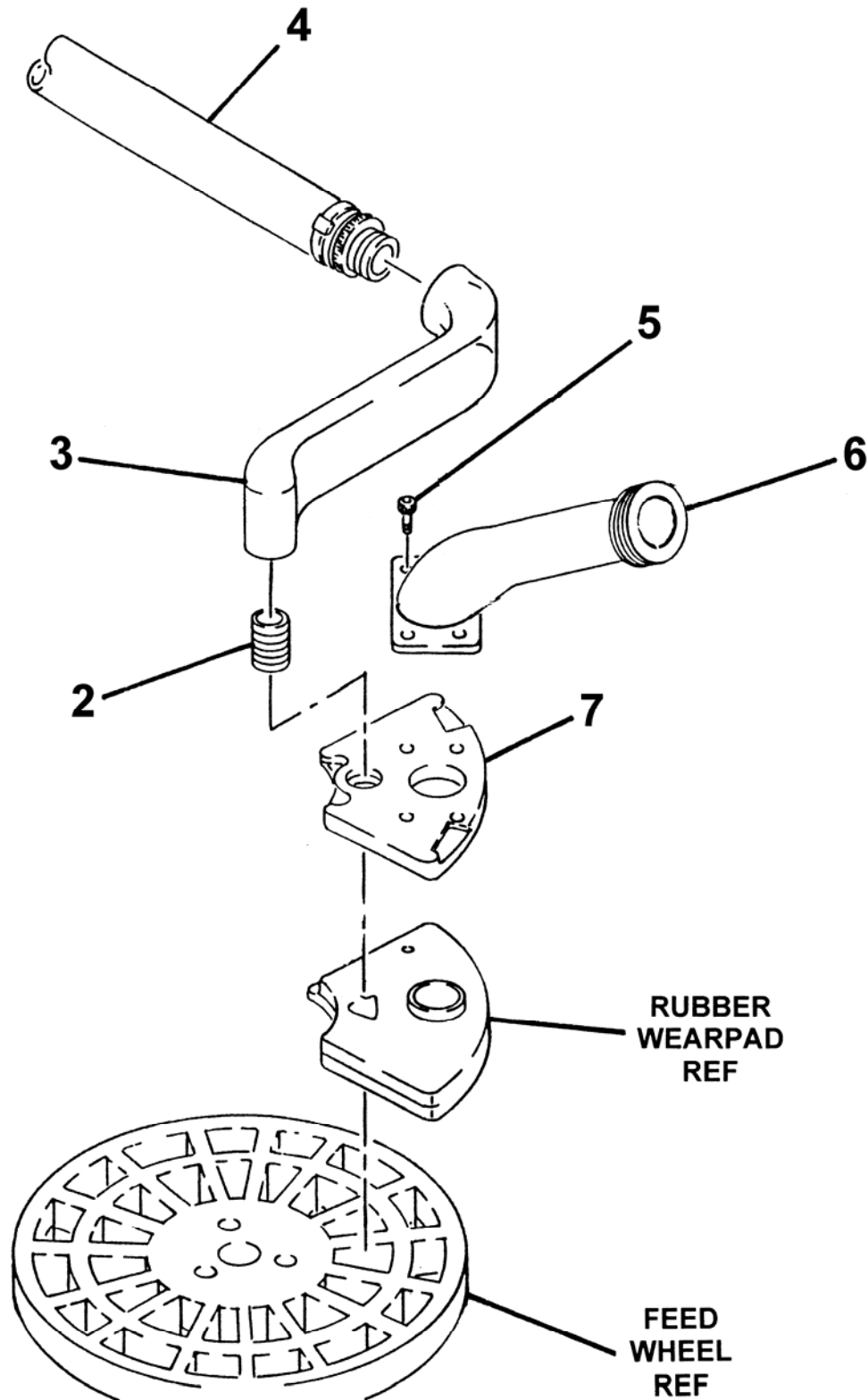
**2 INCH SOLID LARGE AGGREGATE
PAD BACKUPASSEMBLY**

LOVA
PARTS
GROUP 40
FIGURE 10
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10665	Assembly, 2 Inch Solid Large Aggregate Pad Backup (See Group 40, Figure 09and Group 70, Figure 03, 05 and 06 and for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10045	• Weldment, 2 Inch Solid Goose Neck	1
7	60010	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





1-1/2 INCH SOLID STANDARD
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 40
FIGURE 11
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10662	Assembly, 1-1/2 Inch Solid Standard Pad Backup (See Group 70, Figure 07 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10044	• Weldment, 1-1/2 Inch Solid Goose Neck	1
7	60012	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



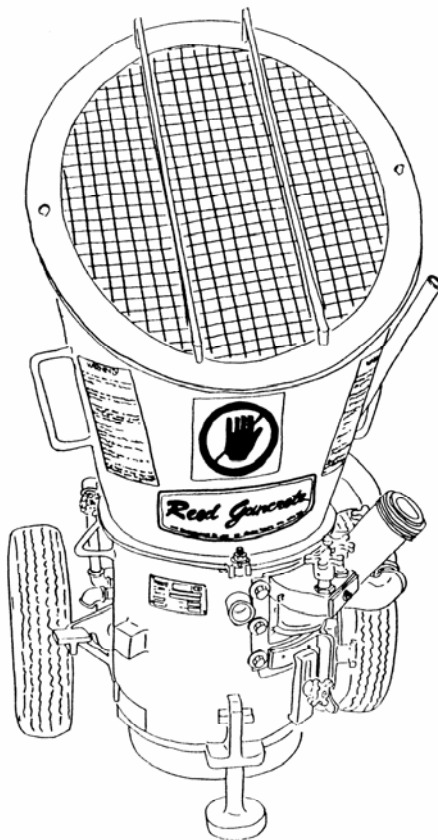
MODEL LOVA PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 40
FIGURE 12
PAGE 01

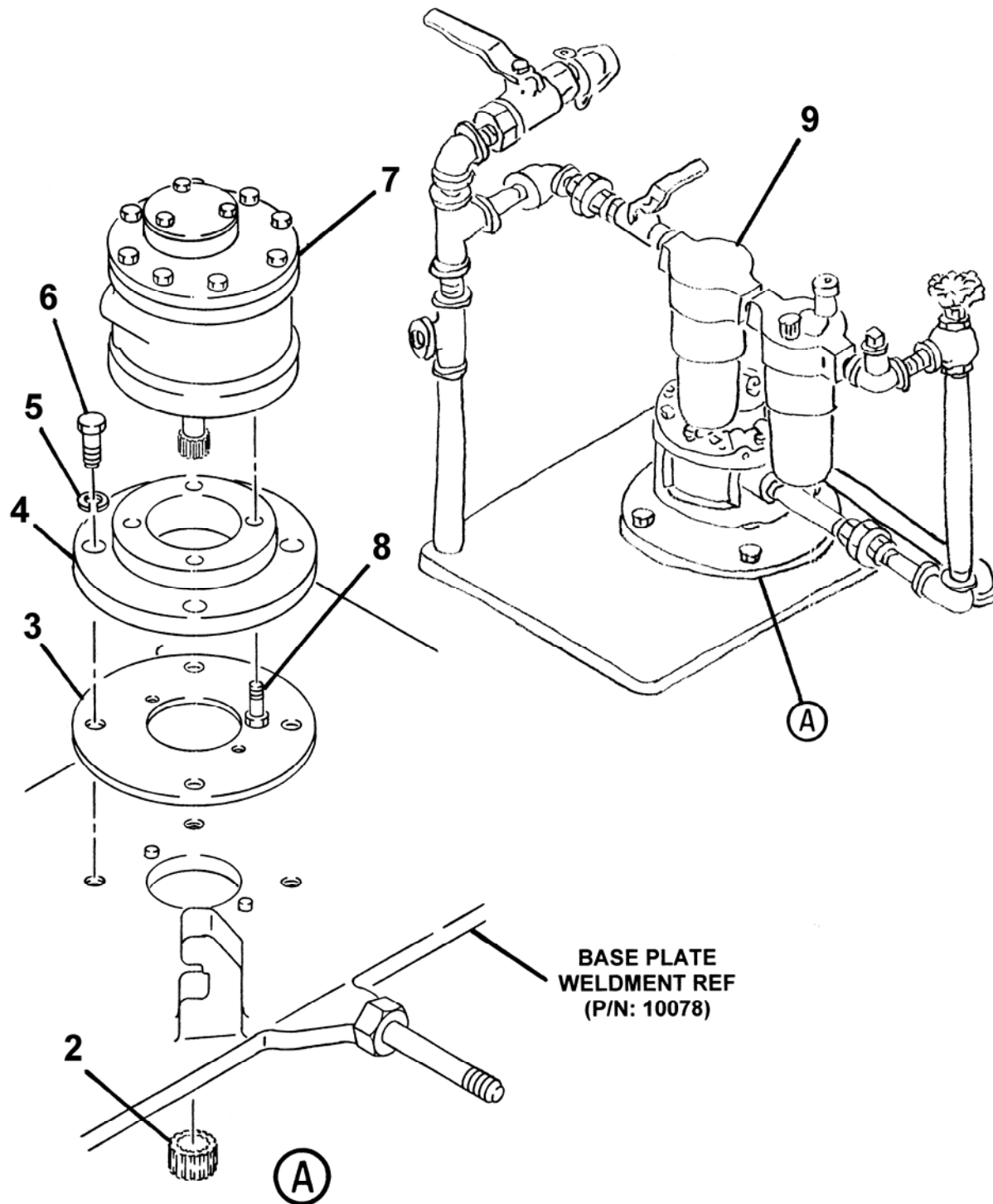
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REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED PARTS MANUAL GROUP 50 AIR INLET INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	8 AM AIR INLET INSTALLATION
FIGURE 02	8 AM AIR INLET INSTALLATION FOR REFRACTORY HOPPER
FIGURE 03	16 AM AIR INLET INSTALLATION
FIGURE 04	16 AM AIR INLET INSTALLATION FOR REFRACTORY HOPPER
FIGURE 05	8 AM AIR MOTOR ASSEMBLY
FIGURE 06	16 AM AIR MOTOR ASSEMBLY
FIGURE 07	8 AM AIR INLET ASSEMBLY
FIGURE 08	8 AM AIR INLET ASSEMBLY FOR REFRACTORY HOPPER
FIGURE 09	16 AM AIR INLET ASSEMBLY
FIGURE 10	16 AM AIR INLET ASSEMBLY FOR REFRACTORY HOPPER



**SHOWN MODEL: LOVA™ SERIES 4
8 AM SHORT PREMIX HOPPER**



REVISION:



8 AM AIR INLET INSTALLATION

LOVA
PARTS
GROUP 50
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-01	Installation, 8 AM Air Inlet (See Group 10, Figure 01, 02 and 03 for NHA)	Ref
2	10063	• Gear, Drive Motor	1
3	10037	• Gasket, Adapter Ring	1
4	10038	• Plate, Air Motor Adapter	1
5	80074	• Washer, Lock	4
6	80151	• Bolt, Hex	4
7	10600	• Assembly, 8 AM Air Motor (See Group 50, Figure 05 for DET)	1
8	80250	• Screw, Socket	4
9	10081	• Assembly, 8 AM Air Inlet (See Group 50, Figure 07 for DET)	1

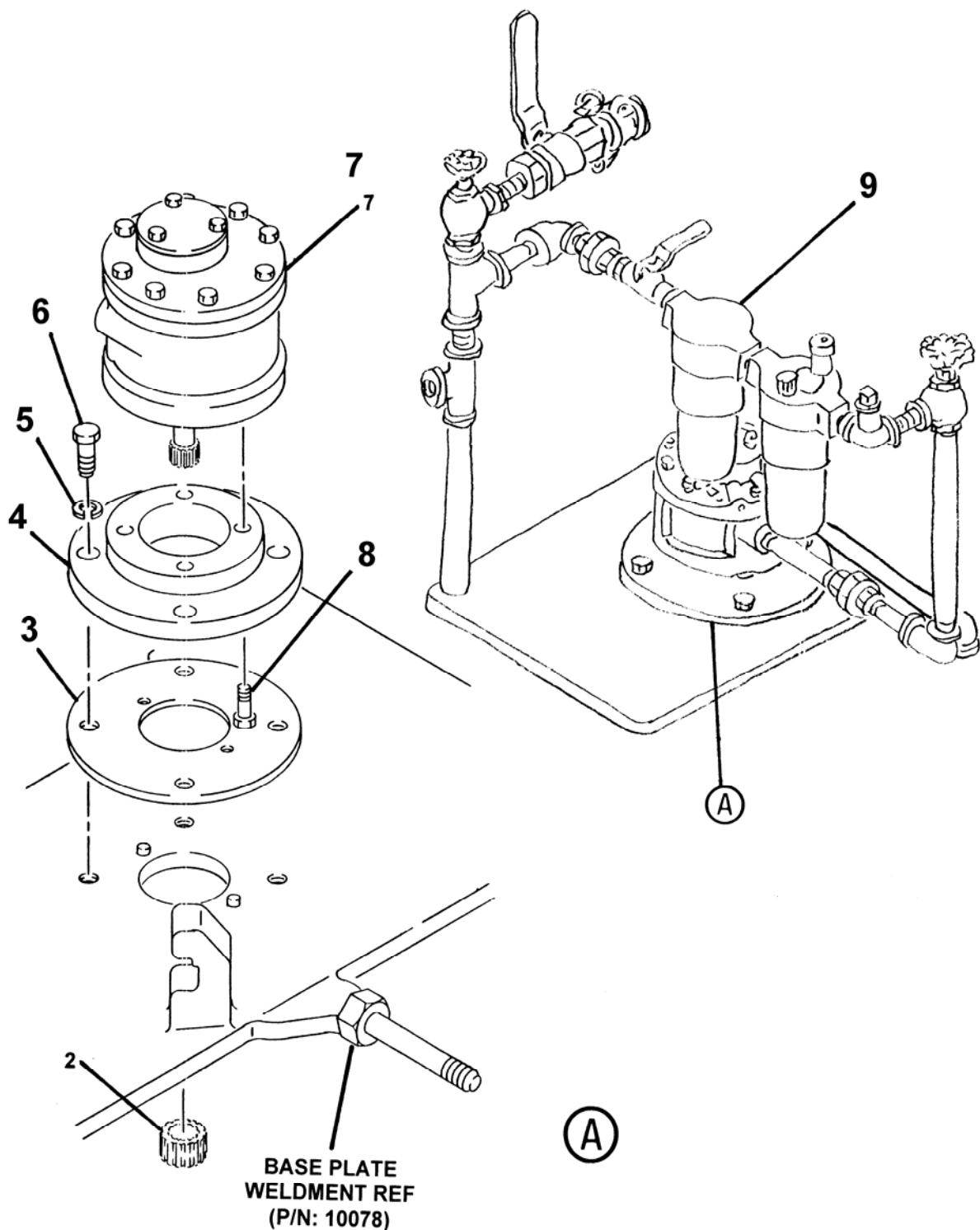
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



8 AM AIR INLET INSTALLATION
FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 02
PAGE 01



REVISION:



8 AM AIR INLET INSTALLATION FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 02
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-02	Installation, 8 AM Air Inlet For Refractory Hopper (See Group 10, Figure 04 for NHA)	Ref
2	10063	• Gear, Drive Motor	1
3	10037	• Gasket, Adapter Ring	1
4	10038	• Plate, Air Motor Adapter	1
5	80074	• Washer, Lock	4
6	80151	• Bolt, Hex	4
7	10600	• Assembly, 8 AM Air Motor (See Group 50, Figure 05 for DET)	1
8	80250	• Screw, Socket	4
9	10082	• Assembly, 8 AM Air Inlet For Refractory Hopper (See Group 50, Figure 08 for DET)	1

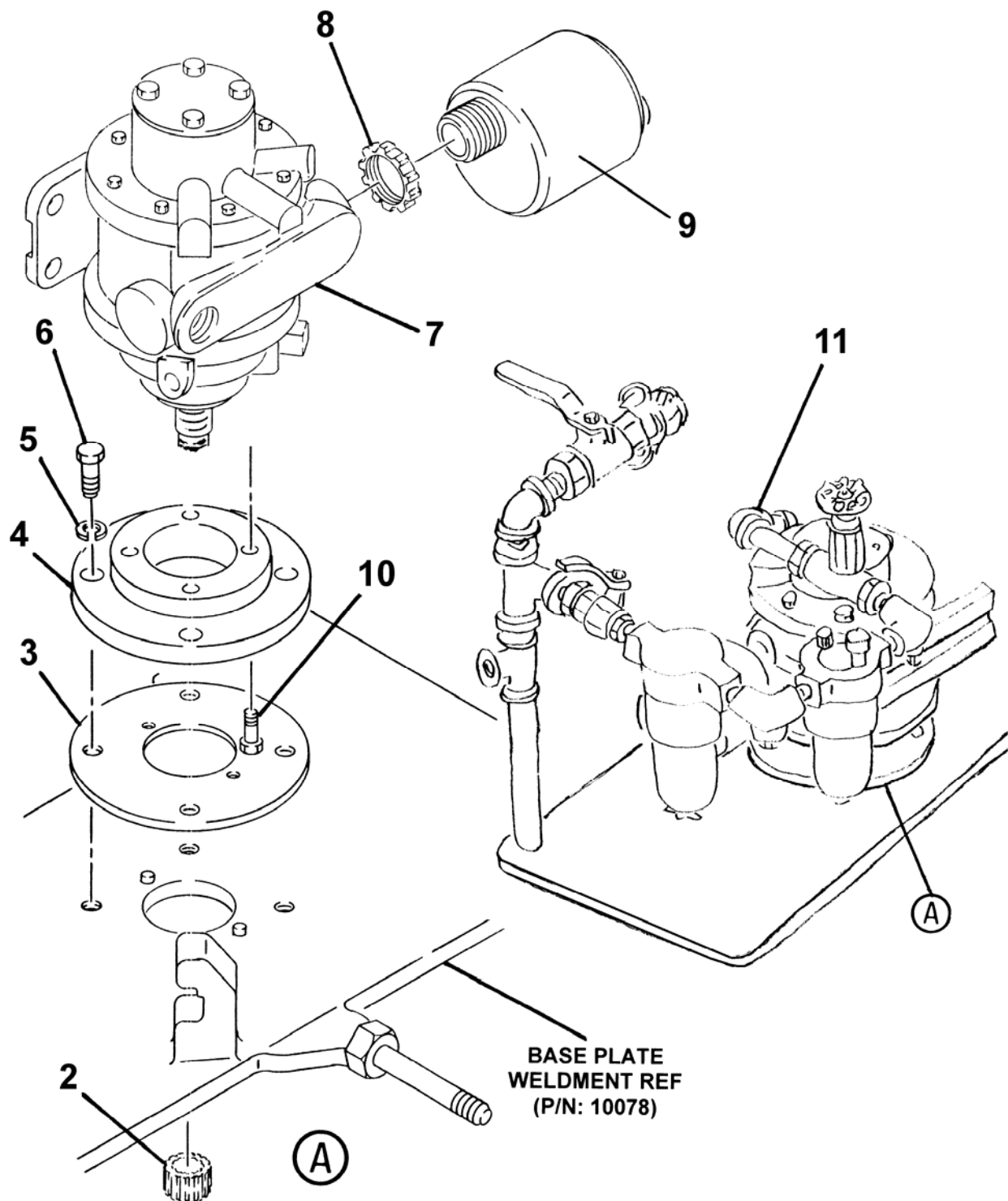
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



16 AM AIR INLET INSTALLATION

LOVA
PARTS
GROUP 50
FIGURE 03
PAGE 01



REVISION:



16 AM AIR INLET INSTALLATION

LOVA
PARTS
GROUP 50
FIGURE 03
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-03	Installation, 16 AM Air Inlet (See Group 20, Figure 01, 02 and 03 for NHA)	Ref
2	10063	• Gear, Drive Motor	1
3	10036	• Gasket, Adapter Ring	1
4	10035	• Plate, Air Motor Adapter	1
5	80074	• Washer, Lock	4
6	80151	• Bolt, Hex	4
7	10603	• Assembly, 16 AM Air Motor (See Group 50, Figure 06 for DET)	1
8	10344	• Washer, Muffler Lock	1
9	10345	• Weldment, Muffler	1
10	80250	• Screw, Socket	4
11	10088	• Assembly, 16 AM Air Inlet (See Group 50, Figure 09 for DET)	1

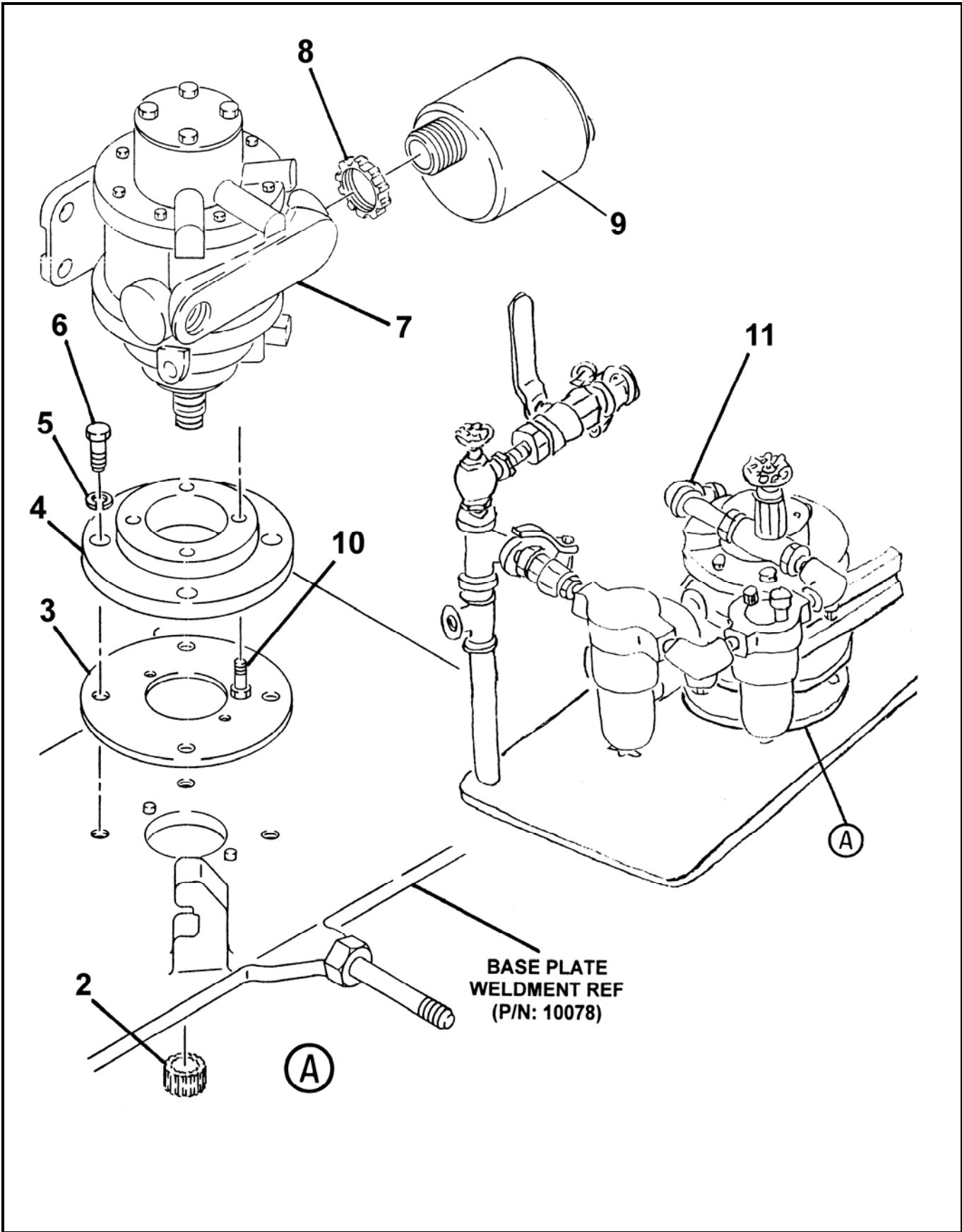
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



16 AM AIR INLET INSTALLATION
FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 04
PAGE 01



REVISION:



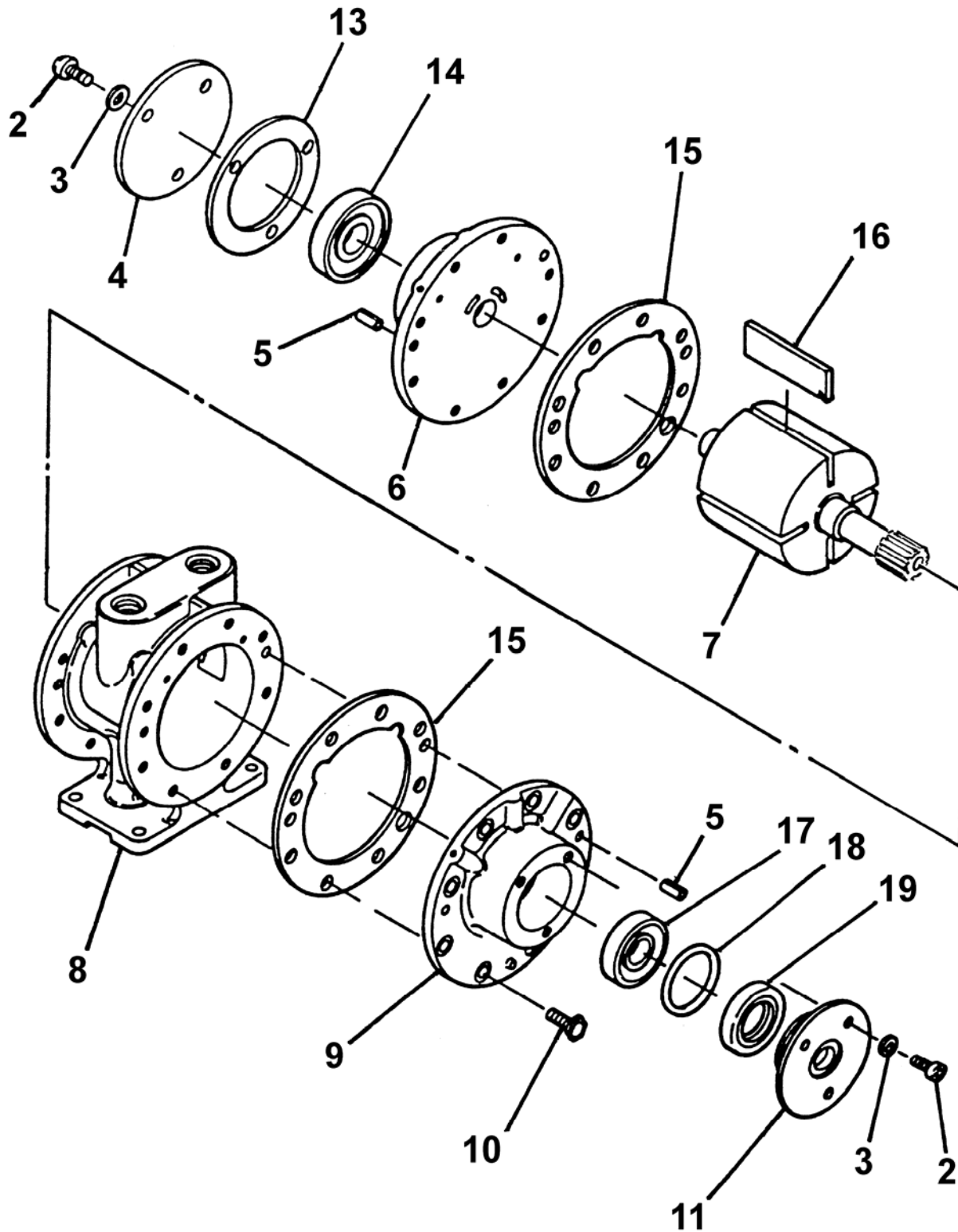
16 AM AIR INLET INSTALLATION
FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	50-04	Installation, 16 AM Air Inlet For Refractory Hopper (See Group 10, Figure 04 for NHA)	Ref
2	10063	• Gear, Drive Motor	1
3	10036	• Gasket, Adapter Ring	1
4	10035	• Plate, Air Motor Adapter	1
5	80074	• Washer, Lock	4
6	80151	• Bolt, Hex	4
7	10603	• Assembly, 16 AM Air Motor (See Group 50, Figure 06 for DET)	1
8	10344	• Washer, Muffler Lock	1
9	10345	• Weldment, Muffler	1
10	80250	• Screw, Socket	4
11	10084	• Assembly, 16 AM Air Inlet For Refractory Hopper (See Group 50, Figure 10 for DET)	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





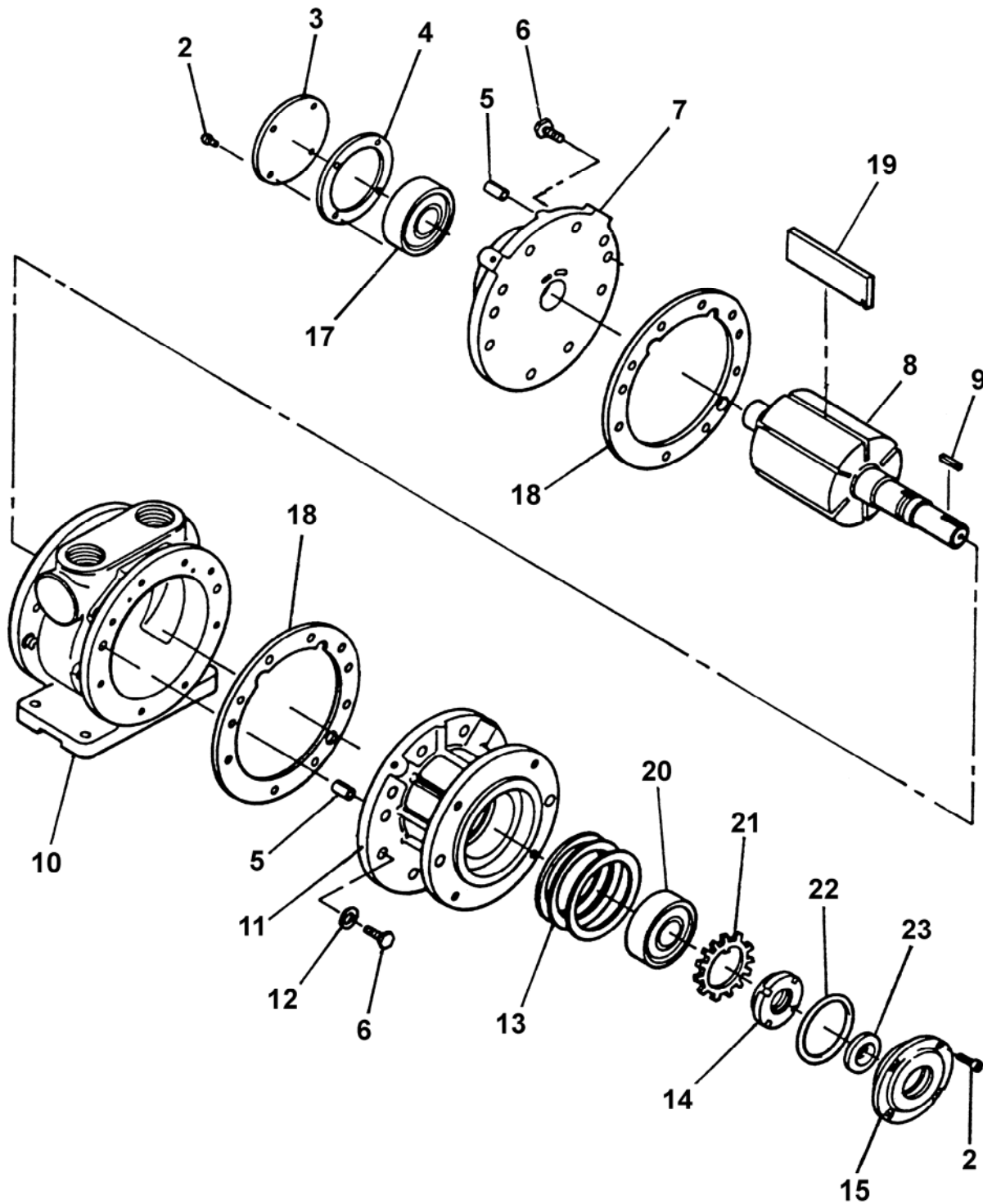
8 AM AIR MOTOR ASSEMBLY

LOVA
PARTS
GROUP 50
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10600	Assembly, 8 AM Air Motor (See Group 50, Figure 01 and 02 for NHA)	Ref
2		• Screw, Cap	6
3		• Washer, Lock	6
4		• Cap, Dead End	1
5		• Pin, Dowel	4
6		• Plate, Dead End	1
7		• Assembly, Rotor	1
8		• Body, Air Motor	1
9		• Plate, Drive End	1
10		• Bolt, Hex	8
11		• Cap, Drive End	1
-12	10605	• Kit, Repair	1
13		• • Gasket, Dead End Cap	1
14		• • Bearing, Dead End	1
15	10601	• • Gasket, Body Spacer	2
16	10602	• • Vane	4
17		• • Bearing, Drive End	1
18		• • O-Ring	1
19		• • Seal, Shaft	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





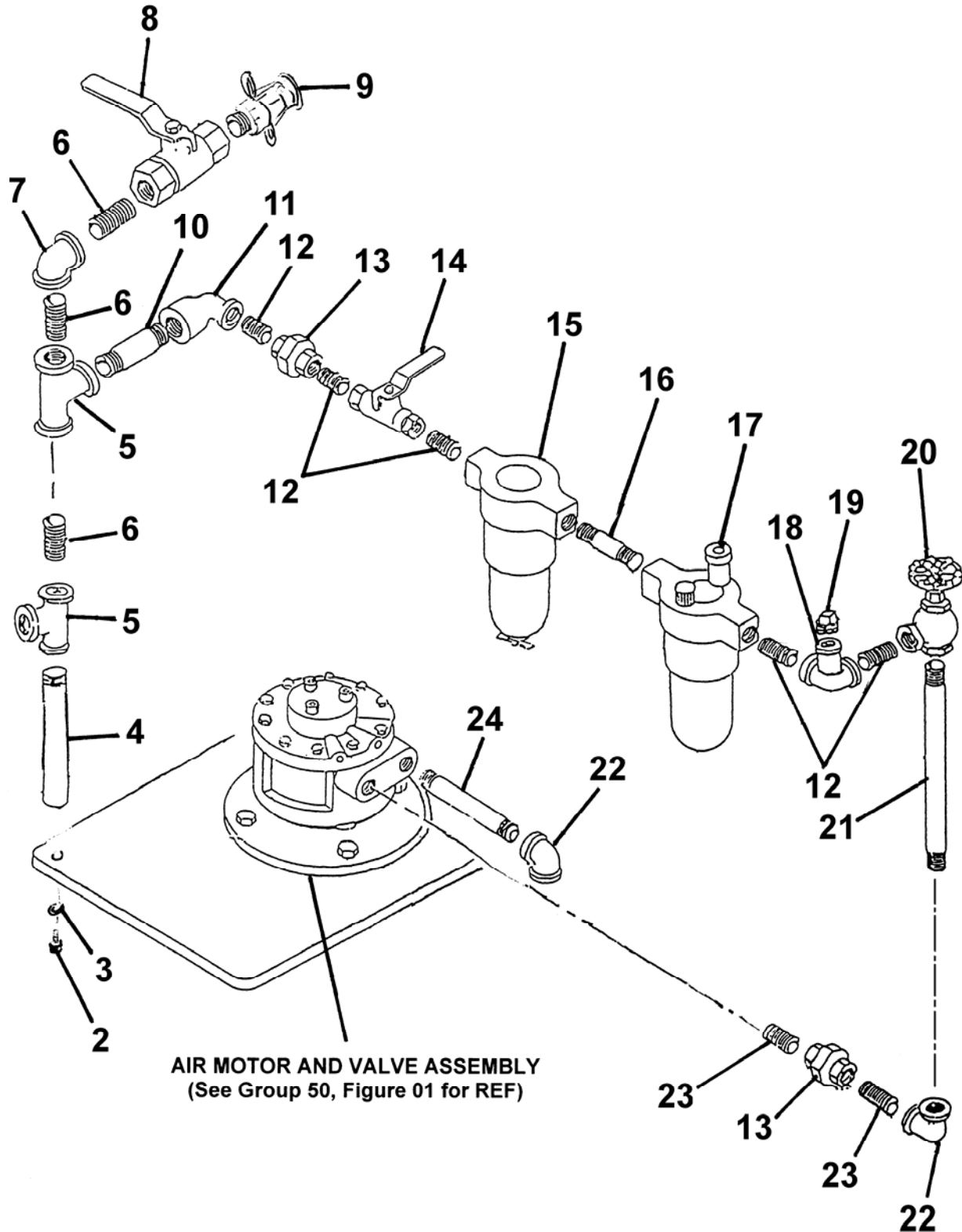
16 AM AIR MOTOR ASSEMBLY

LOVA
PARTS
GROUP 50
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10603	Assembly, 16 AM Air Motor (See Group 50, Figure 03 and 04 for NHA)	Ref
2		• Screw, Cap	8
3		• Cap, Dead End	1
4		• Gasket, End Cap	1
5		• Pin, Dowel	4
6		• Bolt, End Plate	16
7		• Plate, Dead End	1
8		• Assembly, Rotor	1
9		• Key, Drive (Optional)	1
10		• Body, Air Motor	1
11		• Plate, Drive End	1
12		• Washer	8
13		• Spacer	1
14		• Nut, Lock	1
15		• Cap, Drive End	1
-16	10606	• Kit, Optional Repair	1
17		• • Bearing, Dead End	1
18	10608	• • Gasket, Body Spacer	2
19	10604	• • Vane	6
20		• • Bearing, Drive End	1
21		• • Washer, Lock	1
22		• • O-Ring	1
23		• • Seal	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





8 AM AIR INLET ASSEMBLY

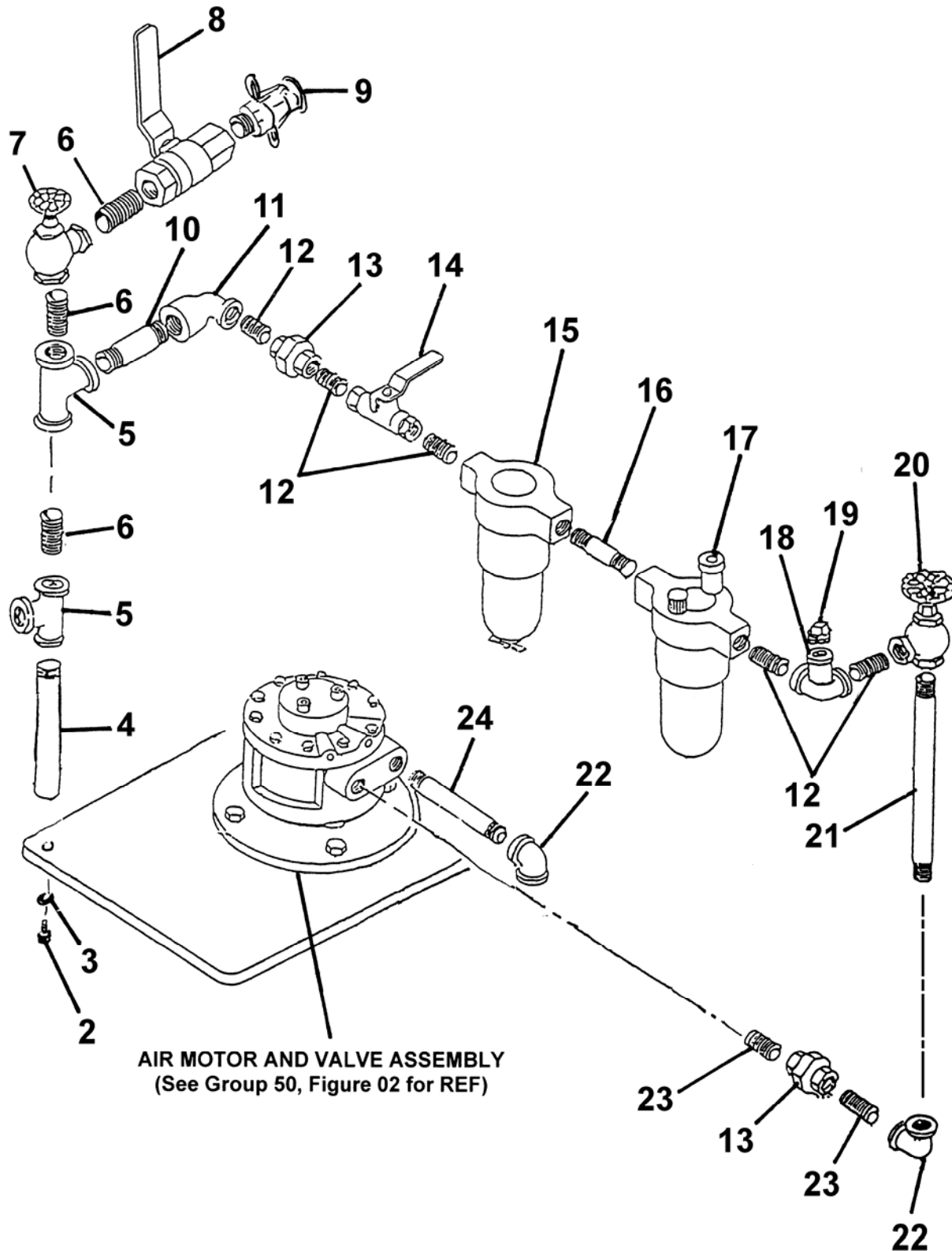
LOVA
PARTS
GROUP 50
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10081	Assembly, 8 AM Air Inlet (See Group 50, Figure 01 for NHA)	Ref
2		• Bolt, Cap Hex	1
3		• Washer, SPL Lock	1
4	10002	• Support, Air Inlet	1
5	10299	• Tee	2
6	10265	• Nipple, Close	3
7	10304	• Elbow	1
8	10290	• Valve, Air Control	1
9	10948	• Coupling, Cam / Groove	1
10	10210	• Nipple	1
11	10237	• Reducer	1
12	10268	• Nipple, Close	5
13	10271	• Union	2
14	10270	• Valve, Ball	1
15	10320	• Filter, 8 AM Air	1
16	10267	• Nipple	1
17	10322	• Assembly, 8 AM Air Motor Lubricator	1
-17A	10330	• • Kit, Lubricator Repair	1
18	10291	• Elbow	1
19	10297	• Plug	1
20	12050	• Valve, Air / Water	1
21	20121	• Nipple	1
22	10269	• Elbow	2
23	10274	• Nipple	2
24	10222	• Nipple	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

8 AM AIR INLET ASSEMBLY FOR REFRACTORY HOPPER





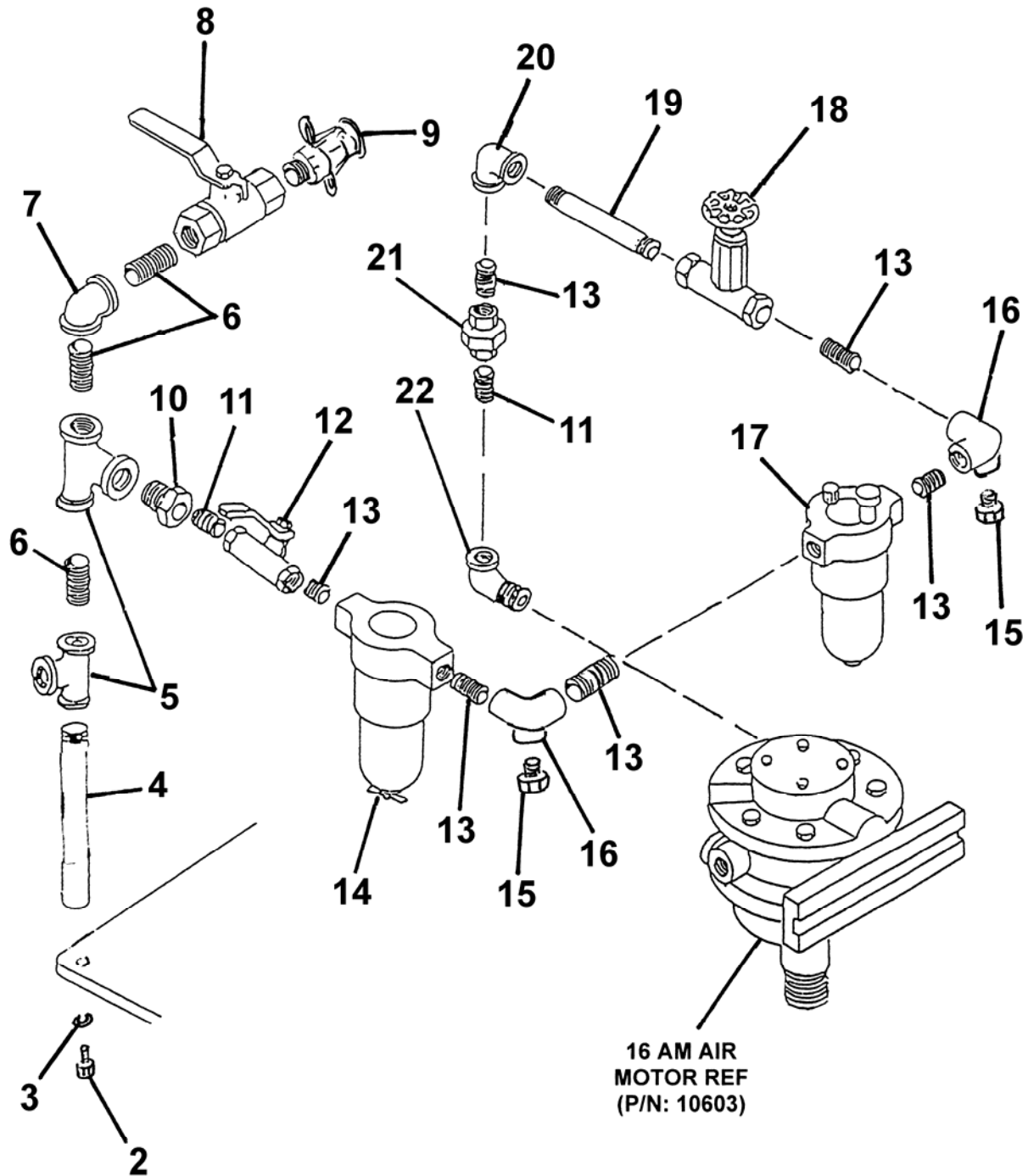
8 AM AIR INLET ASSEMBLY FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 08
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10082	Assembly, 8 AM Air Inlet for Refractory Hopper (See Group 50, Figure 02 for NHA)	Ref
2		• Bolt, Cap Hex	1
3		• Washer, SPL Lock	1
4	10002	• Support, Air Inlet	1
5	10299	• Tee	2
6	10265	• Nipple, Close	3
7	10295	• Valve, Brass	1
8	10290	• Valve, Air Control	1
9	10948	• Coupling, Cam / Groove	1
10	10210	• Nipple	1
11	10237	• Reducer	1
12	10268	• Nipple, Close	5
13	10271	• Union	2
14	10270	• Valve, Ball	1
15	10320	• Filter, 8 AM Air	1
16	10267	• Nipple	1
17	10322	• Assembly, 8 AM Air Motor Lubricator	1
-17A	10330	• • Kit, Lubricator Repair	1
18	10291	• Elbow	1
19	10297	• Plug	1
20	12050	• Valve, Air / Water	1
21	20121	• Nipple	1
22	10269	• Elbow	2
23	10274	• Nipple	2
24	10222	• Nipple	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



16 AM AIR
MOTOR REF
(P/N: 10603)



16 AM AIR INLET ASSEMBLY

LOVA
PARTS
GROUP 50
FIGURE 09
PAGE 02

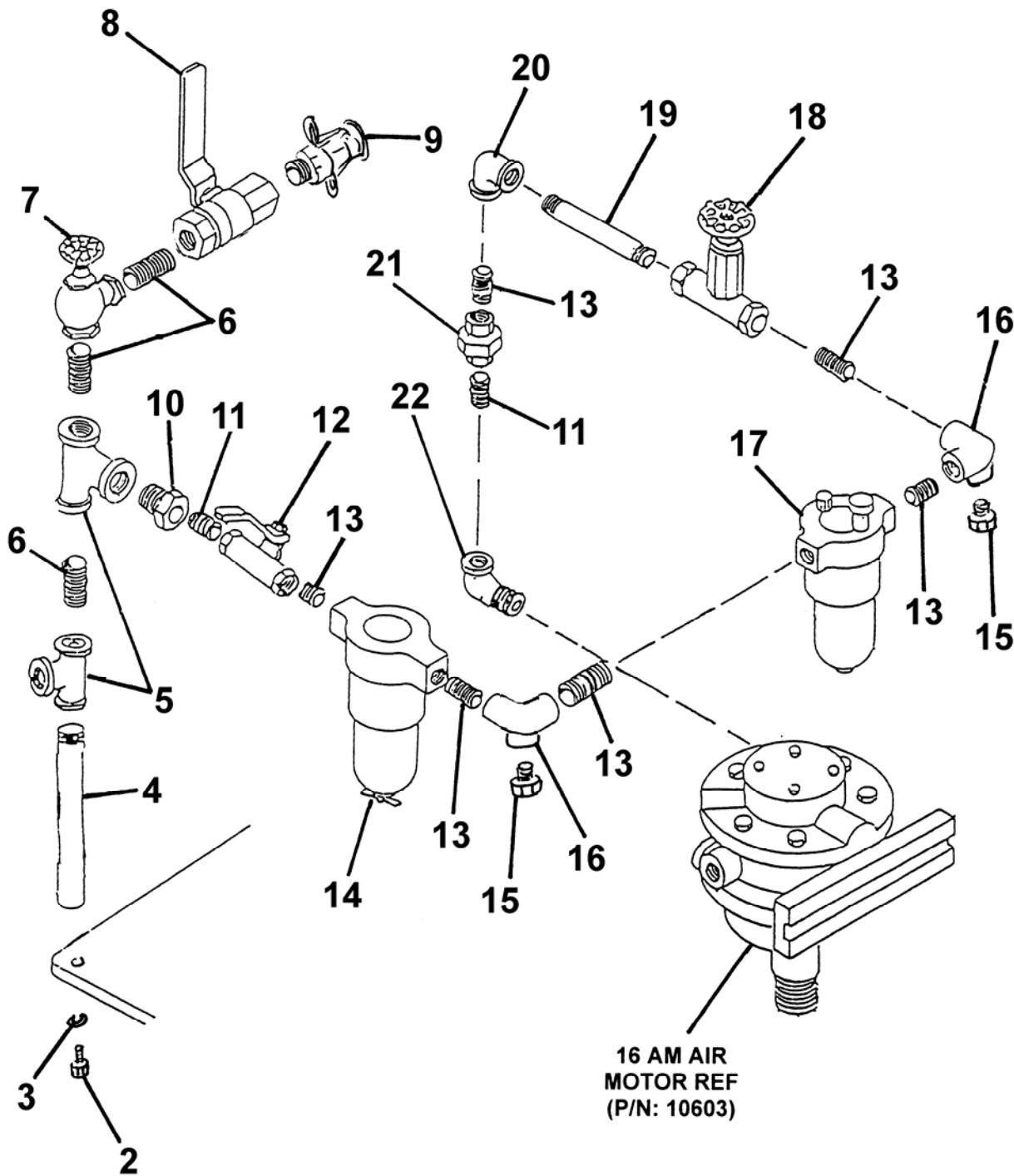
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10088	Assembly, 16 AM Air Inlet (See Group 50, Figure 03 for NHA)	Ref
2		• Bolt, Cap Hex	1
3		• Washer, SPL Lock	1
4	10002	• Support, Air Inlet	1
5	10299	• Tee	2
6	10265	• Nipple, Close	3
7	10304	• Elbow	1
8	10290	• Valve, Air Control	1
9	10948	• Coupling, Cam / Groove	1
10	10231	• Bushing, Hex	1
11	10286	• Nipple	2
12	10281	• Valve, Motor ON	1
13	10279	• Nipple, Close	6
14	10323	• Filter, 16 AM Air	1
15	10282	• Plug, Pipe	2
16	10283	• Elbow	2
17	10325	• Assembly, 16 AM Air Motor Lubricator	1
18	10284	• Valve, Motor	1
19	10351	• Nipple	1
20	10278	• Elbow	1
21	10285	• Union	1
22	10218	• Valve, Street	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:

16 AM AIR INLET ASSEMBLY FOR REFRACTORY HOPPER

LOVA
PARTS
GROUP 50
FIGURE 10
PAGE 01





**16 AM AIR INLET ASSEMBLY
FOR REFRACTORY HOPPER**

LOVA
PARTS
GROUP 50
FIGURE 10
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10084	Assembly, 16 AM Air Inlet for Refractory Hopper (See Group 50, Figure 04 for NHA)	Ref
2		• Bolt, Cap Hex	1
3		• Washer, SPL Lock	1
4	10002	• Support, Air Inlet	1
5	10299	• Tee	2
6	10265	• Nipple, Close	3
7	10295	• Valve, Brass	1
8	10290	• Valve, Air Control	1
9	10948	• Coupling, Cam / Groove	1
10	10231	• Bushing, Hex	1
11	10286	• Nipple	2
12	10281	• Valve, Motor ON	1
13	10279	• Nipple, Close	6
14	10323	• Filter, 16 AM Air	1
15	10282	• Plug, Pipe	2
16	10283	• Elbow	2
17	10325	• Assembly, 16 AM Air Motor Lubricator	1
18	10284	• Valve, Motor	1
19	10351	• Nipple	1
20	10278	• Elbow	1
21	10285	• Union	1
22	10218	• Valve, Street	1

DASH (-) ITEM NOT ILLUSTRATED

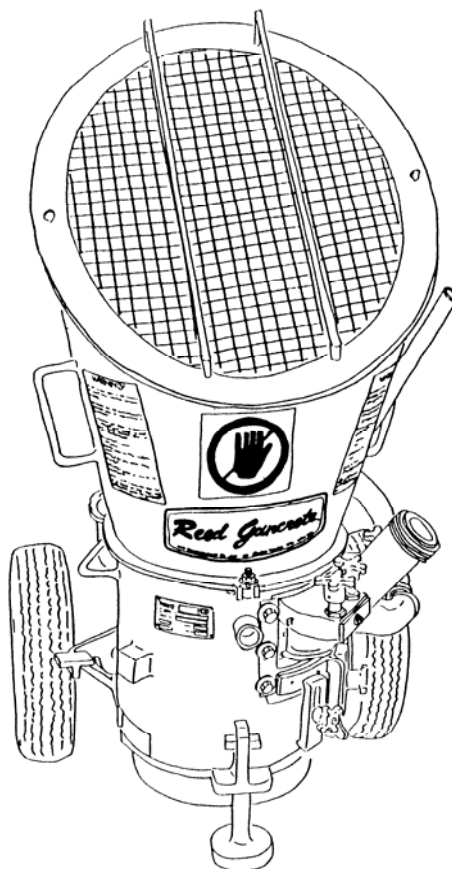
REVISION:



MODEL *LOVA* PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 50
FIGURE 11
PAGE 01

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**SHOWN MODEL: LOVA™ SERIES IV
16 AM STANDARD HOPPER**

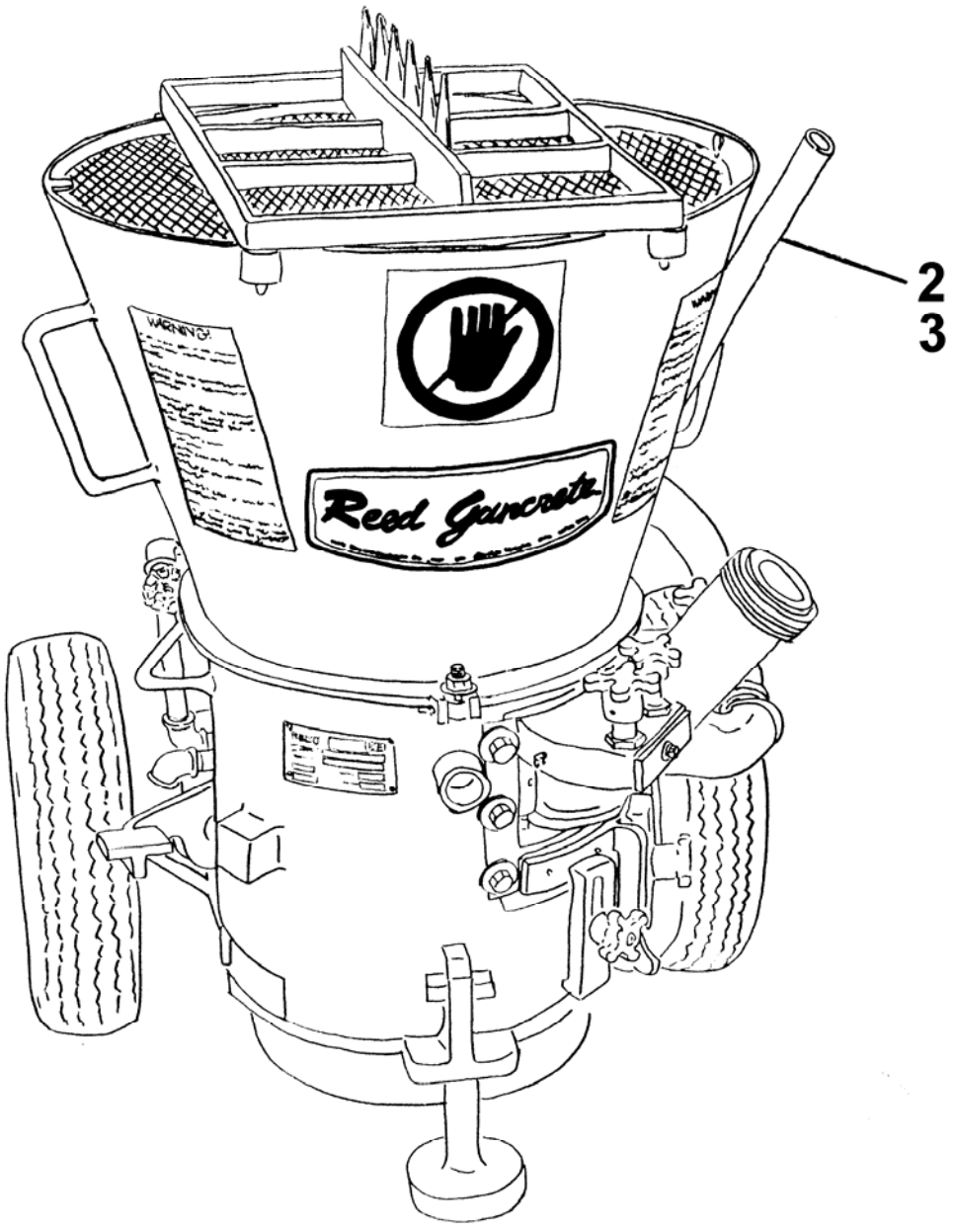
**REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED
PARTS MANUAL GROUP 60 ACCESSORIES INSTALLATION CONTAINS THE
FOLLOWING FIGURES:**

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	ACCESSORIES INSTALLATION



ACCESSORIES INSTALLATION

LOVA
PARTS
GROUP 60
FIGURE 01
PAGE 01



SHOWN MODEL: LOVA™ SERIES IV
8 AM REFRACTORY HOPPER



ACCESSORIES INSTALLATION

LOVA

PARTS

GROUP 60

FIGURE 01

PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	60-01	Installation, Accessories (See Group 10, Figure 01, 02, 03, 04, Group 20, Figure 01, 02, 03 and 04 for NHA)	Ref
2	10914	• Handle, 35 Inch	1
3	10899	• Glip, Handle	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:



MODEL *LOVA* PNEUMATIC SPRAYING MACHINE
ILLUSTRATED PARTS MANUAL

LOVA
PARTS
GROUP 60
FIGURE 02
PAGE 01

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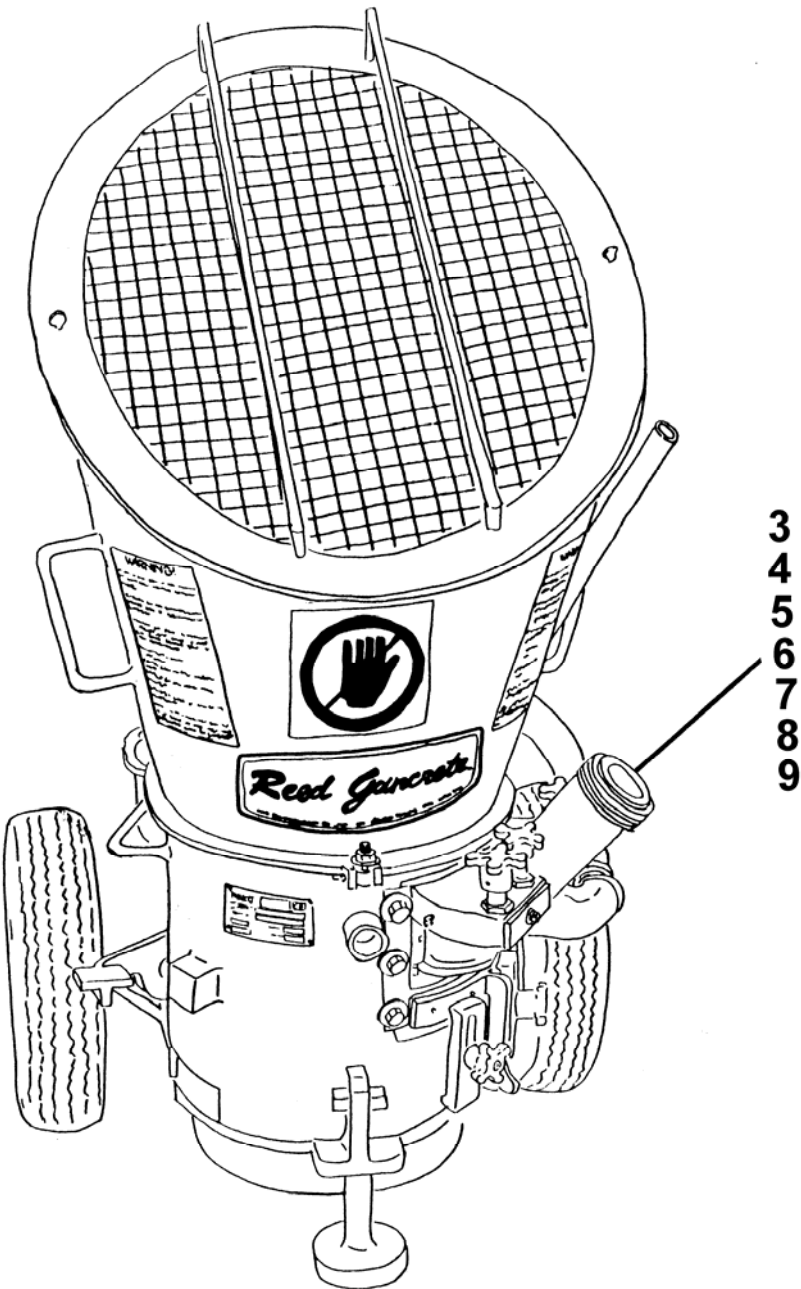
REED PNEUMATIC SPRAYING MACHINE MODEL LOVA™ SERIES 4 ILLUSTRATED PARTS MANUAL GROUP 70 OPTIONAL INSTALLATION CONTAINS THE FOLLOWING FIGURES:

FIGURE 00	TABLE OF CONTENTS
FIGURE 01	OPTIONAL INSTALLATION
FIGURE 02	BULK BAG ADAPTER ASSEMBLY
FIGURE 03	12 POCKET DIVIDERLESS FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 04	STANDARD 15 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 05	15 POCKET LARGE AGGREGATE WITH DIVIDER FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 06	15 POCKET LARGE AGGREGATE DIVIDERLESS FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 07	20 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 08	21 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 09	30 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION
FIGURE 10	1-1/4 INCH SOLID PAD BACKUP ASSEMBLY
FIGURE 11	1-1/2 INCH SOLID PAD BACKUP ASSEMBLY
FIGURE 12	2 INCH LINER TYPE STANDARD PAD BACKUP ASSEMBLY
FIGURE 13	2 INCH SOLID PAD BACKUP ASSEMBLY
FIGURE 14	2 INCH LINER TYPE LARGE AGGREGATE PAD BACKUP ASSEMBLY
FIGURE 15	1-1/2 INCH SOLID LARGE AGGREGATE PAD BACKUP ASSEMBLY
FIGURE 16	1-1/2 INCH LINER TYPE STANDARD PAD BACKUP ASSEMBLY
FIGURE 17	1-1/2 INCH LINER TYPE LARGE AGGREGATE PAD BACKUP ASSEMBLY
FIGURE 18	2 INCH LINER TYPE LARGE AGGREGATE, 1-1/4 AIR INLET PAD BACKUP ASSEMBLY



OPTIONAL INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 01
PAGE 01



SHOWN MODEL: LOVA™ SERIES 4
16 AM SHORT PREMIX HOPPER



OPTIONAL INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 01
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-01	Installation, Optional (See Group 10, Figure 01, 02, 03, 04., Group 20, Figure 01, 02, 03 and 04 for NHA)	Ref
-2	13245	• Assembly, Bulk Bag Adapter (Used on Refractory Hopper only) (See Group 70, Figure 19 for DET)	1
3	70-03	• Installation, 12 Pocket Dividerless Feed Wheel And Pad Backup (See Group 70, Figure 03 for DET)	1
4	70-04	• Installation, Standard 15 Pocket Feed Wheel And Pad Backup (See Group 70, Figure 04 for DET)	1
5	70-05	• Installation, 15 Pocket Large Aggregate With Divider Feed Wheel And Pad Backup (See Group 70, Figure 05 for DET)	1
6	70-06	• Installation, 15 Pocket Large Aggregate Dividerless Feed Wheel And Pad Backup (See Group 70, Figure 06 for DET)	1
7	70-07	• Installation, 20 Pocket Feed Wheel And Pad Backup (See Group 70, Figure 07 for DET)	1
8	70-08	• Installation, 21 Pocket Feed Wheel And Pad Backup (See Group 70, Figure 08 for DET)	1
9	70-09	• Installation, 30 Pocket Feed Wheel And Pad Backup (See Group 70, Figure 09 for DET)	1
-10	10670	• Assembly, 2 Inch Liner Type Large Aggregate and 1-1/4 Air Inlet Pad Backup (See Group 70, Figure 18 for DET)	1

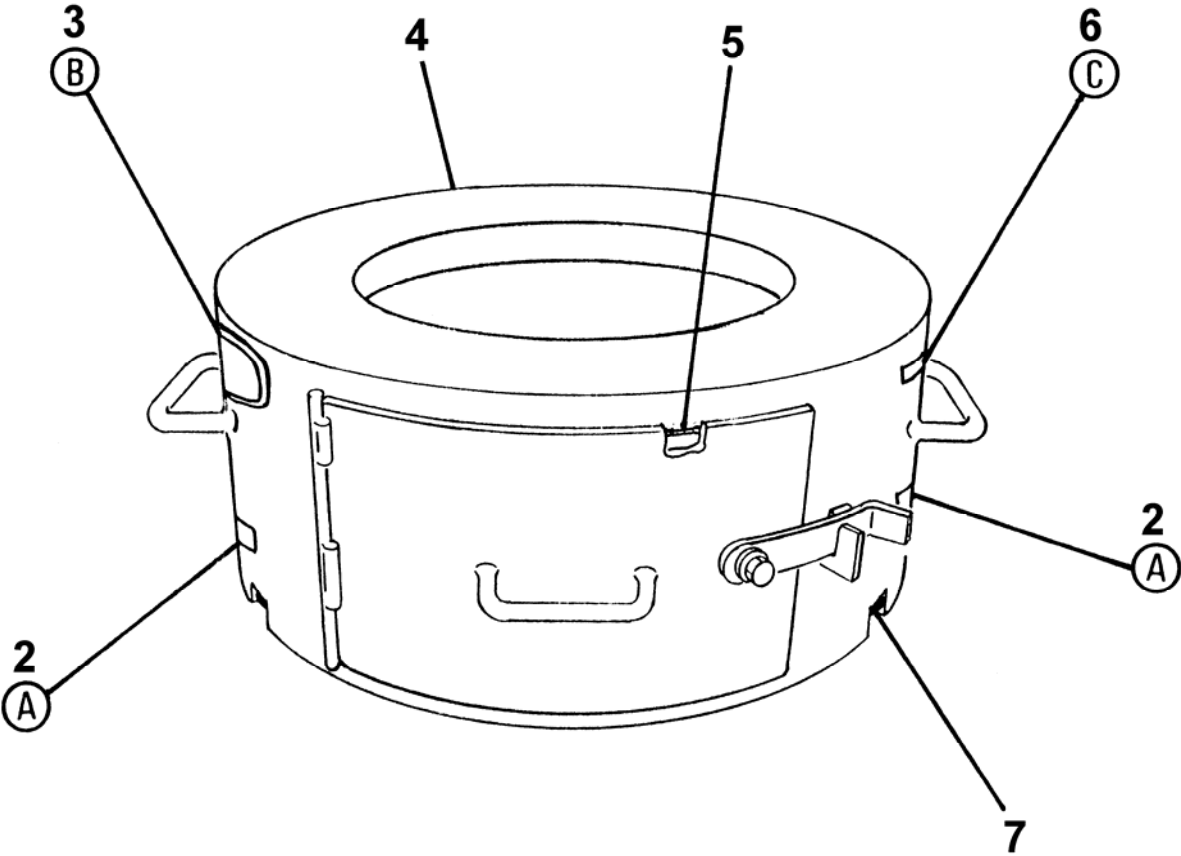
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



BULK BAG ADAPTER ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 02
PAGE 01



CAUTION DO NOT LIFT
THIS MACHINE BY HOPPER HANDLES.
USE SLINGS UNDER MACHINE.

(A)

2



(B)

3

WARNING
ALWAYS WEAR SAFETY GLASSES
WHEN OPERATING THIS MACHINE

(C)

6

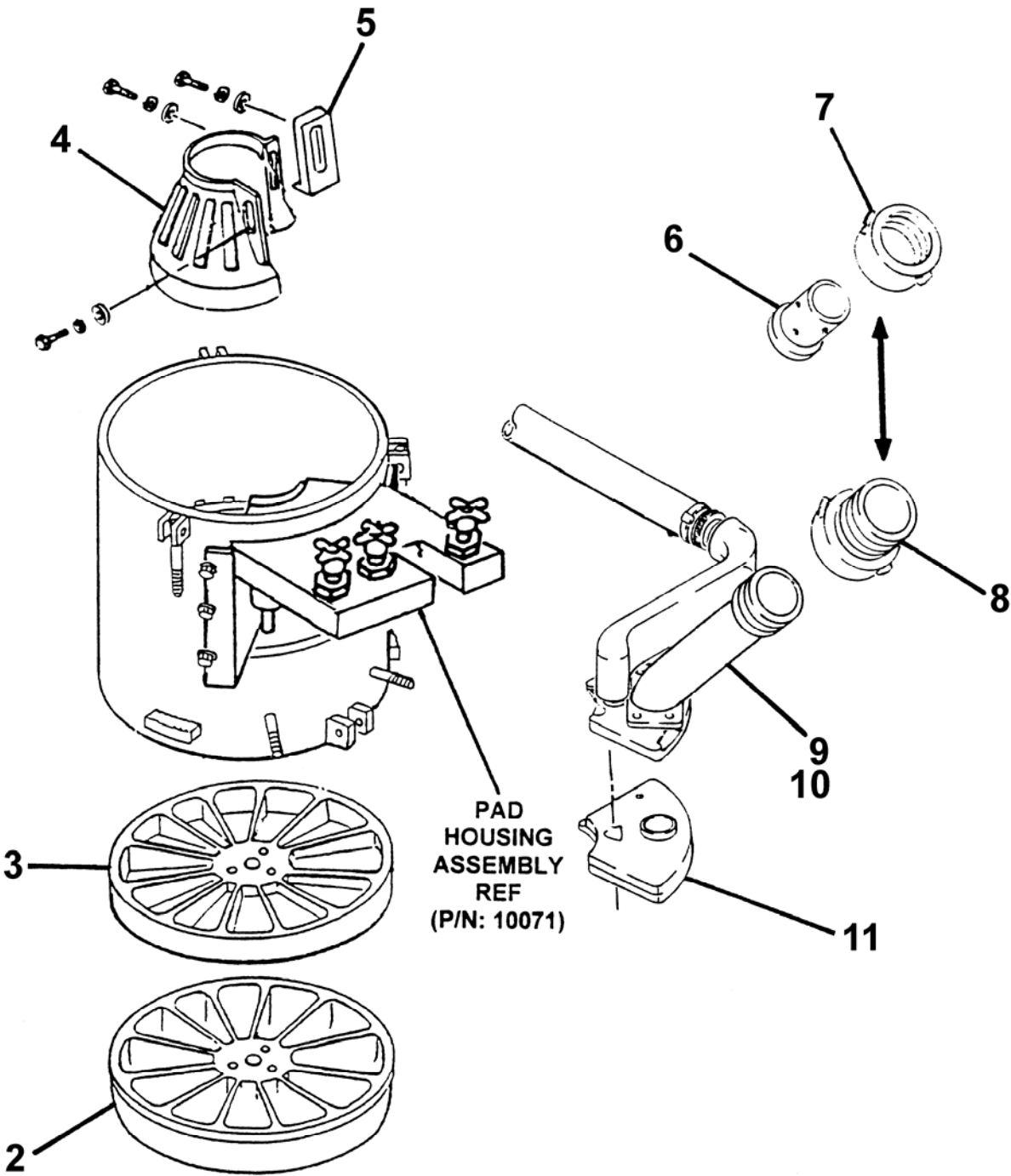
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	13245	Assembly, Bulk Bag Adapter (Used on Refractory Hopper only) (See Group 70, Figure 01 for NHA)	Ref
2	10842	• Decal, CAUTION , Do Not Lift this Machine by Hopper Handle	2
3	10833	• Decal, REED Guncrete	1
4	13180	• Adapter, Bulk Bag	1
5	13257	• Seal, Weather Strip 105 Inch	1
6	10838	• Decal, WARNING , Always Wear Safety Glasses when	1
7	13243	• Ring, Bottom Seal	1

DASH (-) ITEM NOT ILLUSTRATED



12 POCKET DIVIDERLESS FEED WHEEL
AND PAD BACKUP INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 03
PAGE 01



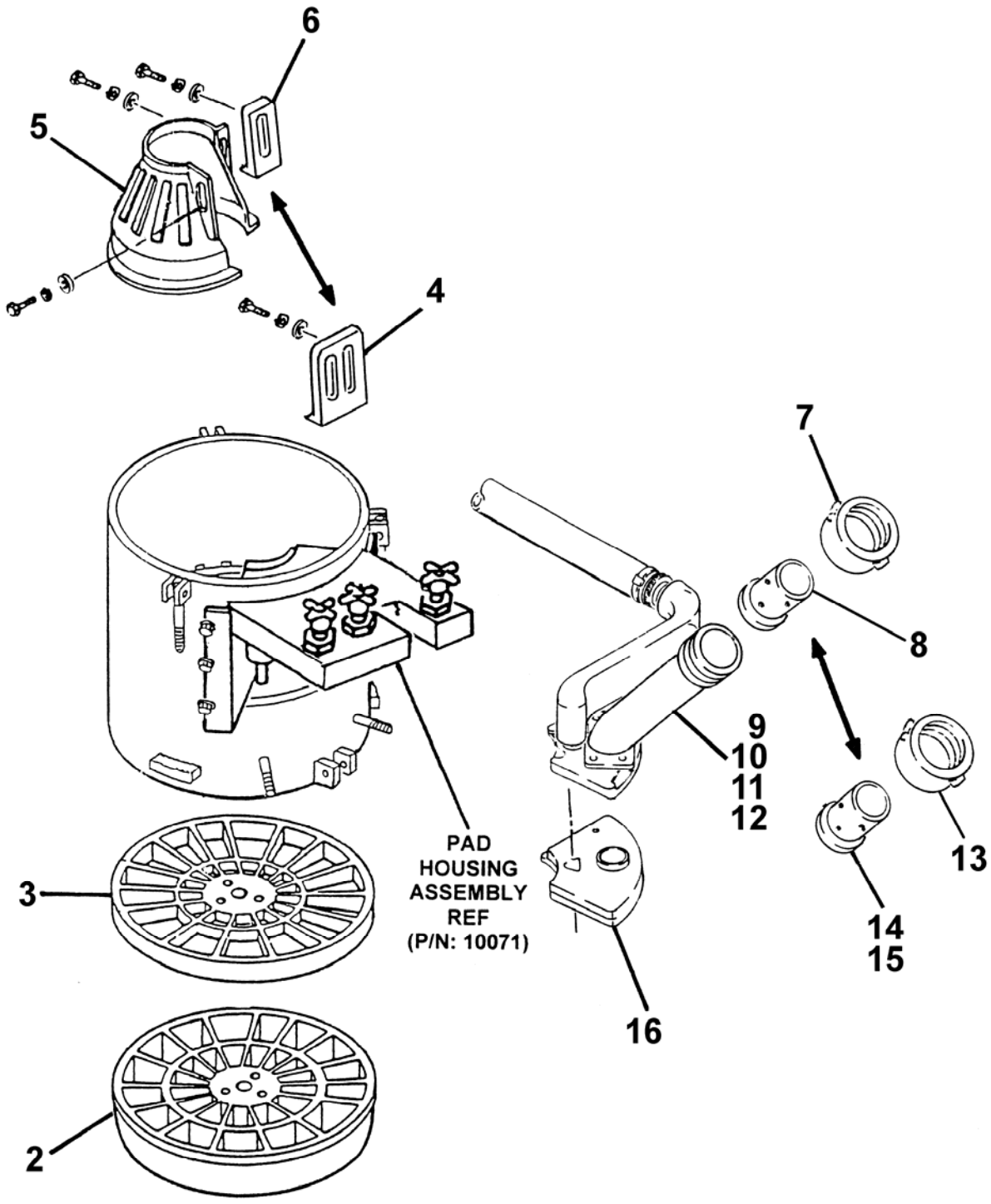
ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-03	Installation, 12 Pocket Dividerless Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10799	• Feed Bowl, 12 Pocket Dividerless	1
3	10798	• Plate, 12 Pocket Dividerless	1
4	10922	• Cone, Rock	1
5	10014	• Shear, Narrow Rock	1
6	11021	• End, Coarse 2 Inch Female Hose (Optional Item)	1
7	11033	• Nut, Coarse 2 Inch Coupling (Optional Item)	1
8	12087	• Adapter, 2 Inch to 2-1/2 Inch Goose Neck (Optional Item)	1
9	10665	• Assembly, 2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 40, Figure 10 for DET)	1
10	10666	• Assembly, 2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 14 for DET)	1
11	10336	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED



STANDARD 15 POCKET FEED WHEEL
AND PAD BACKUP INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 04
PAGE 01





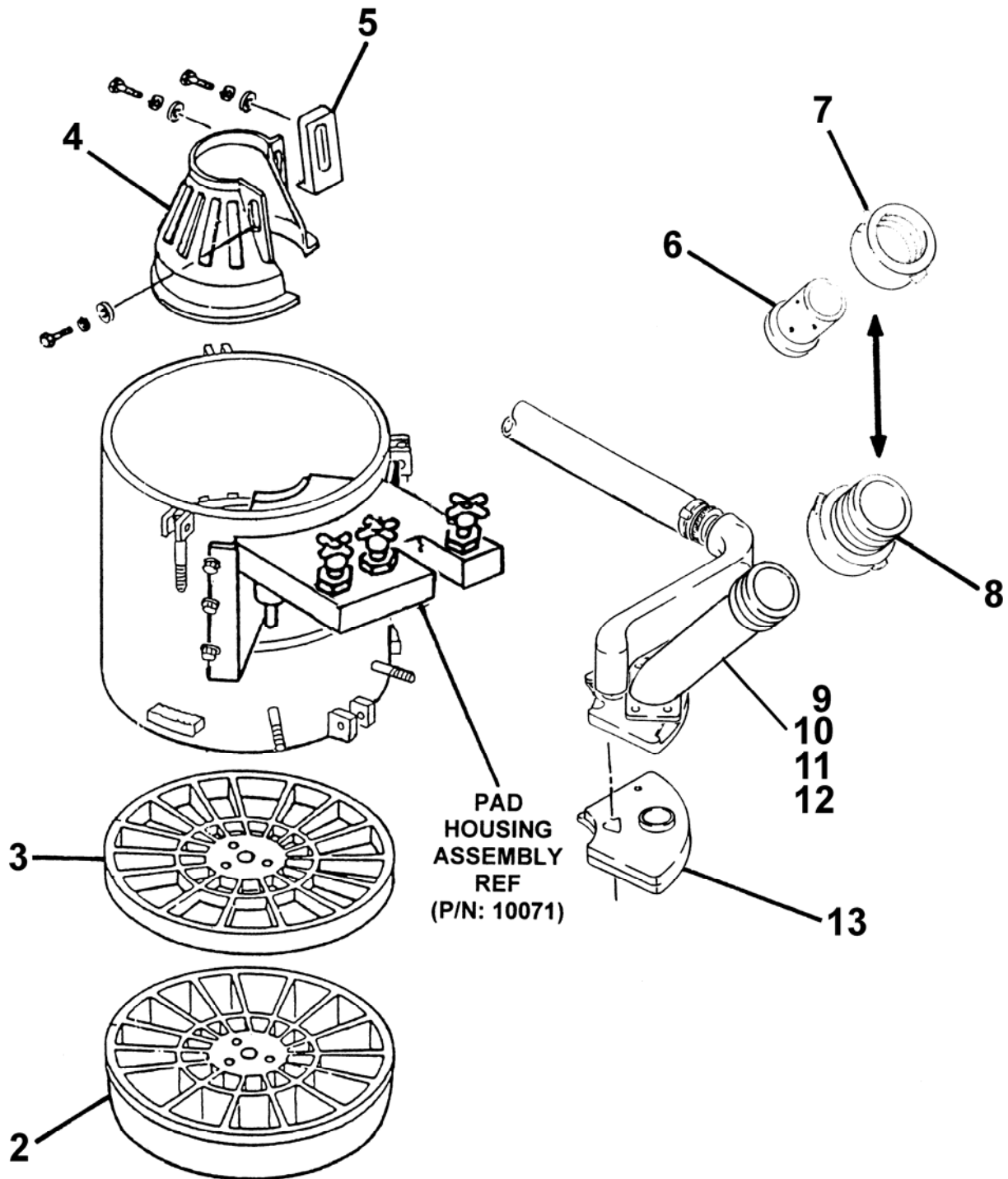
STANDARD 15 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 04
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-04	Installation, Standard 15 Pocket Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10801	• Feed Bowl, Standard 15 Pocket	1
3	10800	• Plate, Standard 15 Pocket Wear	1
4	10013	• Shear, Wide Rock (Optional Item)	1
5	10936	• Weldment, Refractory Cone (Optional Item)	1
6	10014	• Shear, Narrow Rock (Optional Item)	1
7	11033	• Nut, Coarse 2 Inch Coupling (Optional Item)	1
8	11021	• End, Coarse 2 Inch Female Hose (Optional Item)	1
9	10662	• Assembly, 1-1/2 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 11 for DET)	1
10	10663	• Assembly, 2 Inch Liner Type Standard Pad Backup (Optional Item) (See Group 70, Figure 12 for DET)	1
11	10664	• Assembly, 2 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 13 for DET)	1
12	10668	• Assembly, 1-1/2 Inch Liner Type standard Pad Backup (Optional Item) (See Group 70, Figure 16 for DET)	1
13	11037	• Nut, Coarse 1-1/2 Inch Coupling (Optional Item - used on P/N: 10668)	1
14	11018	• End, Coarse 1-1/2 Inch Female Hose (Optional Item - used on P/N: 10668)	1
15	11019	• End, Coarse 1-1/2 Inch Female Hose (Optional Item - used on P/N: 10668)	1
16	10338	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





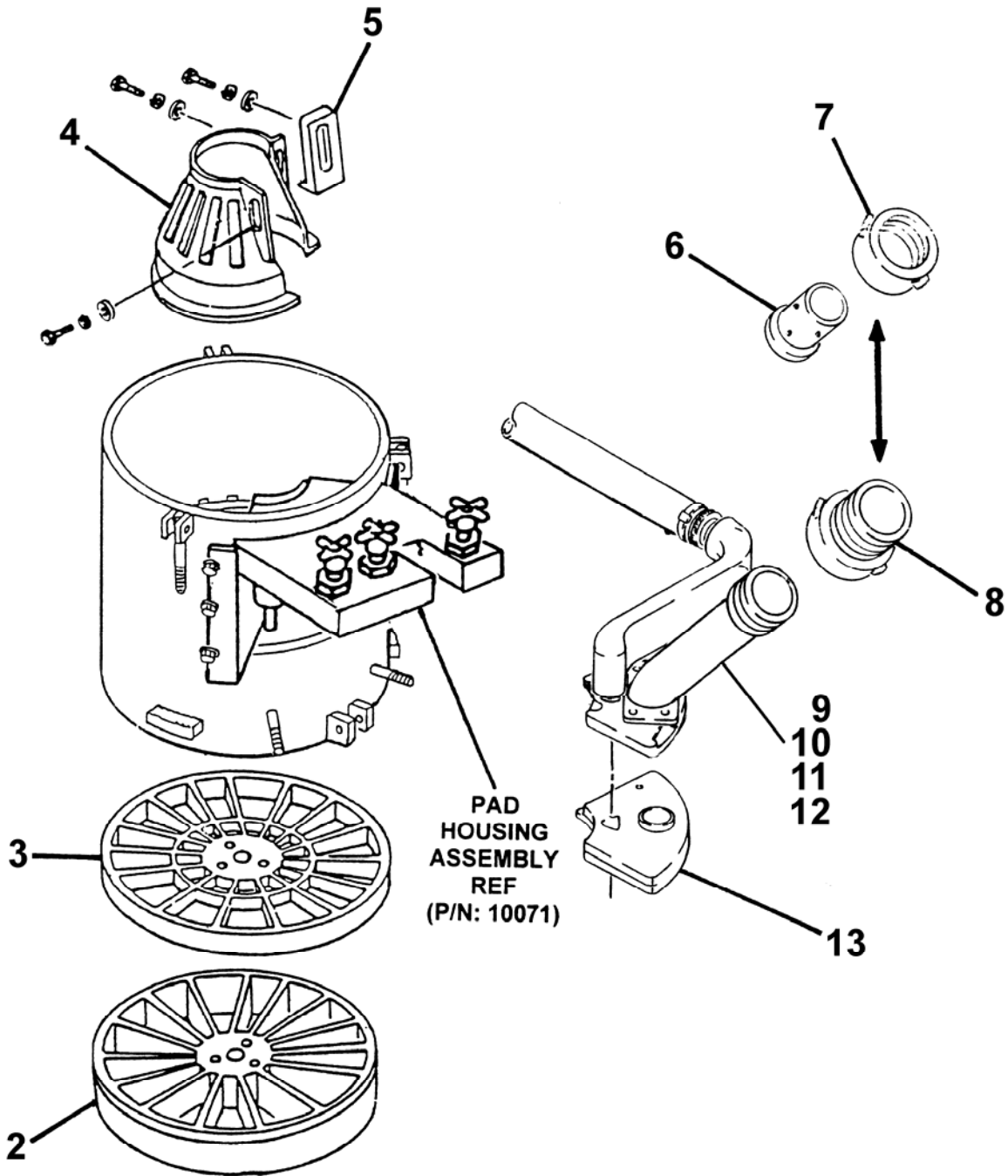
**15 POCKET LARGE AGGREGATE
WITH DIVIDER FEED WHEEL
AND PAD BACKUP INSTALLATION**

**LOVA
PARTS**
GROUP 70
FIGURE 05
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-05	Installation, 15 Pocket Large Aggregate with Divider Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10803	• Feed Bowl, 15 Pocket with Divider Large Aggregate	1
3	10802	• Plate, 15 Pocket Large Aggregate Wear	1
4	10922	• Cone, Rock	1
5	10014	• Shear, Narrow Rock	1
6	11021	• End, Coarse 2 Inch Female Hose (Optional Item)	1
7	11033	• Nut, Coarse 2 Inch Coupling (Optional Item)	1
8	12087	• Adapter, 2 Inch to 2-1/2 Inch Goose Neck (Optional Item)	1
9	10665	• Assembly, 2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 40, Figure 10 for DET)	1
10	10666	• Assembly, 2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 14 for DET)	1
11	10667	• Assembly, 1-1/2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 15 for DET)	1
12	10669	• Assembly, 1-1/2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 17 for DET)	1
13	10336	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





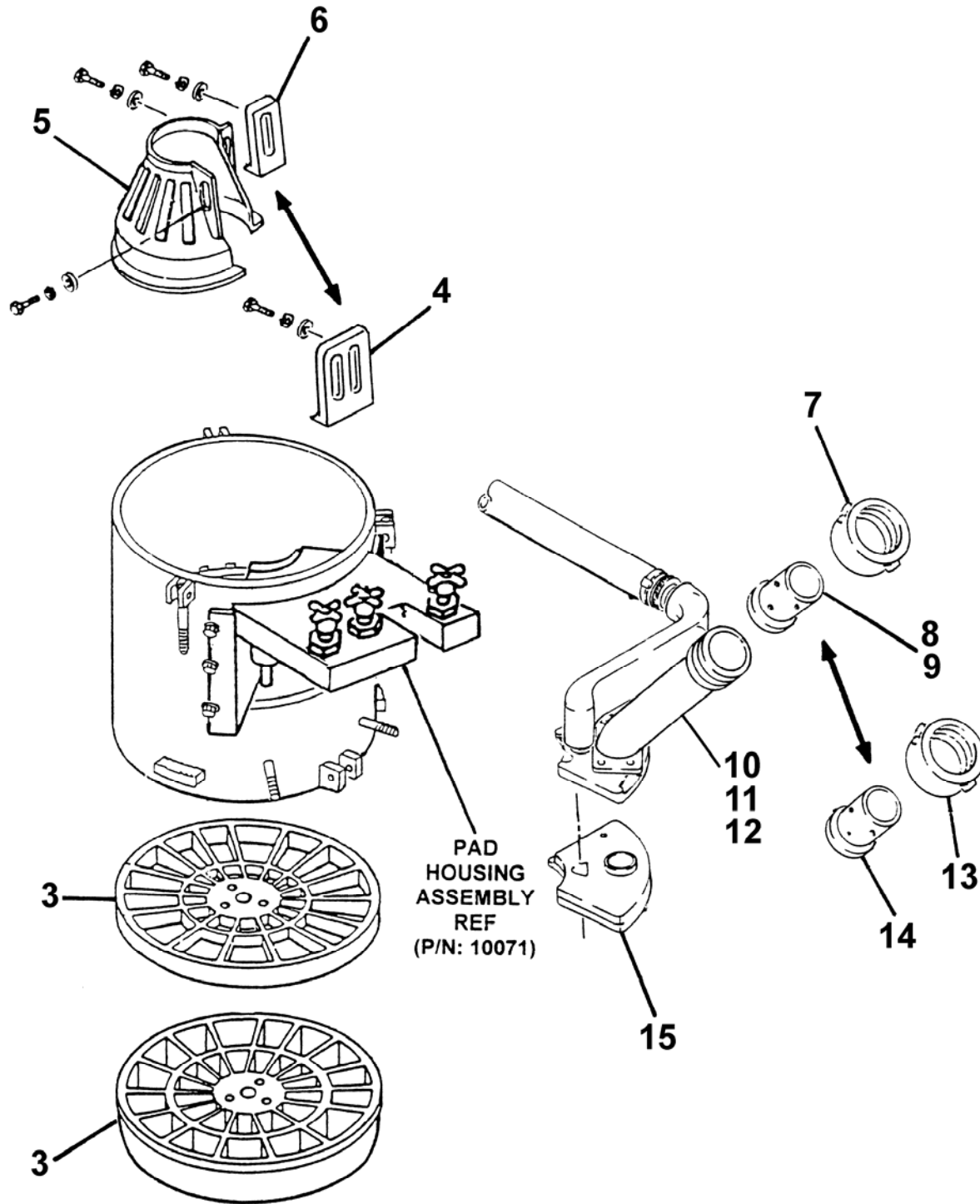
**15 POCKET LARGE AGGREGATE
DIVIDERLESS FEED WHEEL
AND PAD BACKUP ASSEMBLY**

**LOVA
PARTS**
GROUP 70
FIGURE 06
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-06	Installation, 15 Pocket Large Aggregate Dividerless Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10804	• Feed Bowl, 15 Pocket Dividerless Large Aggregate	1
3	10802	• Plate, 15 Pocket Large Aggregate Wear	1
4	10922	• Cone, Rock	1
5	10014	• Shear, Narrow Rock	1
6	11021	• End, Coarse 2 Inch Female Hose (Optional Item)	1
7	11033	• Nut, Coarse 2 Inch Coupling (Optional Item)	1
8	12087	• Adapter, 2 Inch to 2-1/2 Inch Goose Neck (Optional Item)	1
9	10665	• Assembly, 2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 40, Figure 10 for DET)	1
10	10666	• Assembly, 2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 14 for DET)	1
11	10667	• Assembly, 1-1/2 Inch Solid Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 15 for DET)	1
12	10669	• Assembly, 1-1/2 Inch Liner Type Large Aggregate Pad Backup (Optional Item) (See Group 70, Figure 17 for DET)	1
13	10336	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





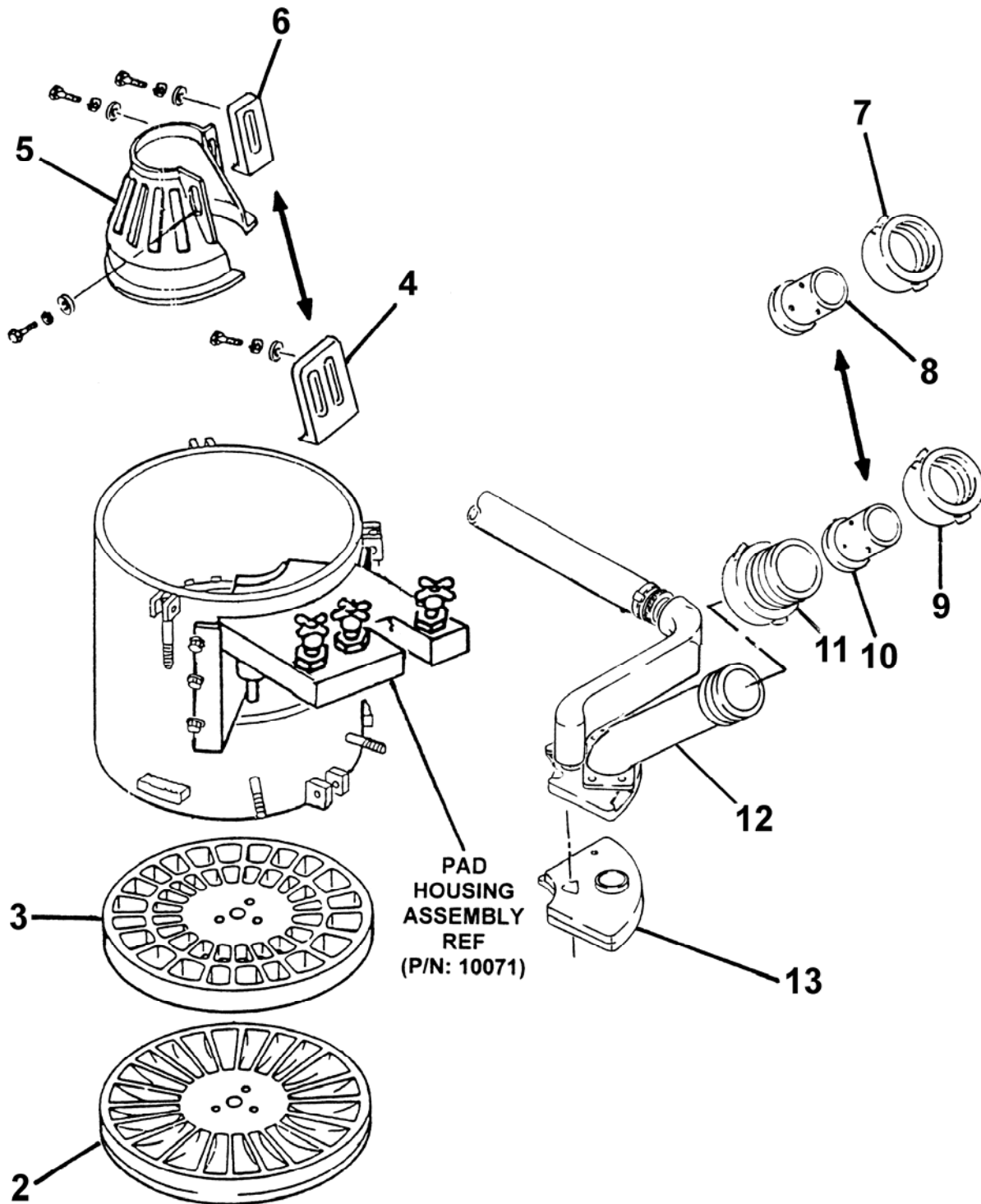
**20 POCKET FEED WHEEL
AND PAD BACKUP INSTALLATION**

**LOVA
PARTS**
GROUP 70
FIGURE 07
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-07	Installation, 20 Pocket Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10806	• Feed Bowl, 20 Pocket	1
3	10805	• Plate, 20 Pocket Wear	1
4	10013	• Shear, Wide Rock (Optional Item)	1
5	10936	• Weldment, Refractory Cone (Optional Item)	1
6	10014	• Shear, Narrow Rock (Optional Item)	1
7	11037	• Nut, Coarse 1-1/2 Inch Coupling (Optional Item)	1
8	11018	• End, Coarse 1-1/2 Inch Female Hose (Optional Item)	1
9	11019	• End, Coarse 1-1/2 Inch Female Hose (Optional Item)	1
10	10668	• Assembly, 1-1/2 Inch Liner Type standard Pad Backup (Optional Item) (See Group 70, Figure 16 for DET)	1
11	10661	• Assembly, 1-1/4 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 10 for DET)	1
12	10662	• Assembly, 1-1/2 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 11 for DET)	1
13	11036	• Nut, Coarse 1 and 1-1/4 Inch Coupling (Optional Item - used on P/N: 10661 and 10662)	1
14	11023	• End, Coarse 1-1/4 Inch Female Hose (Optional Item - used on P/N: 10661 and 10662)	1
15	10338	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





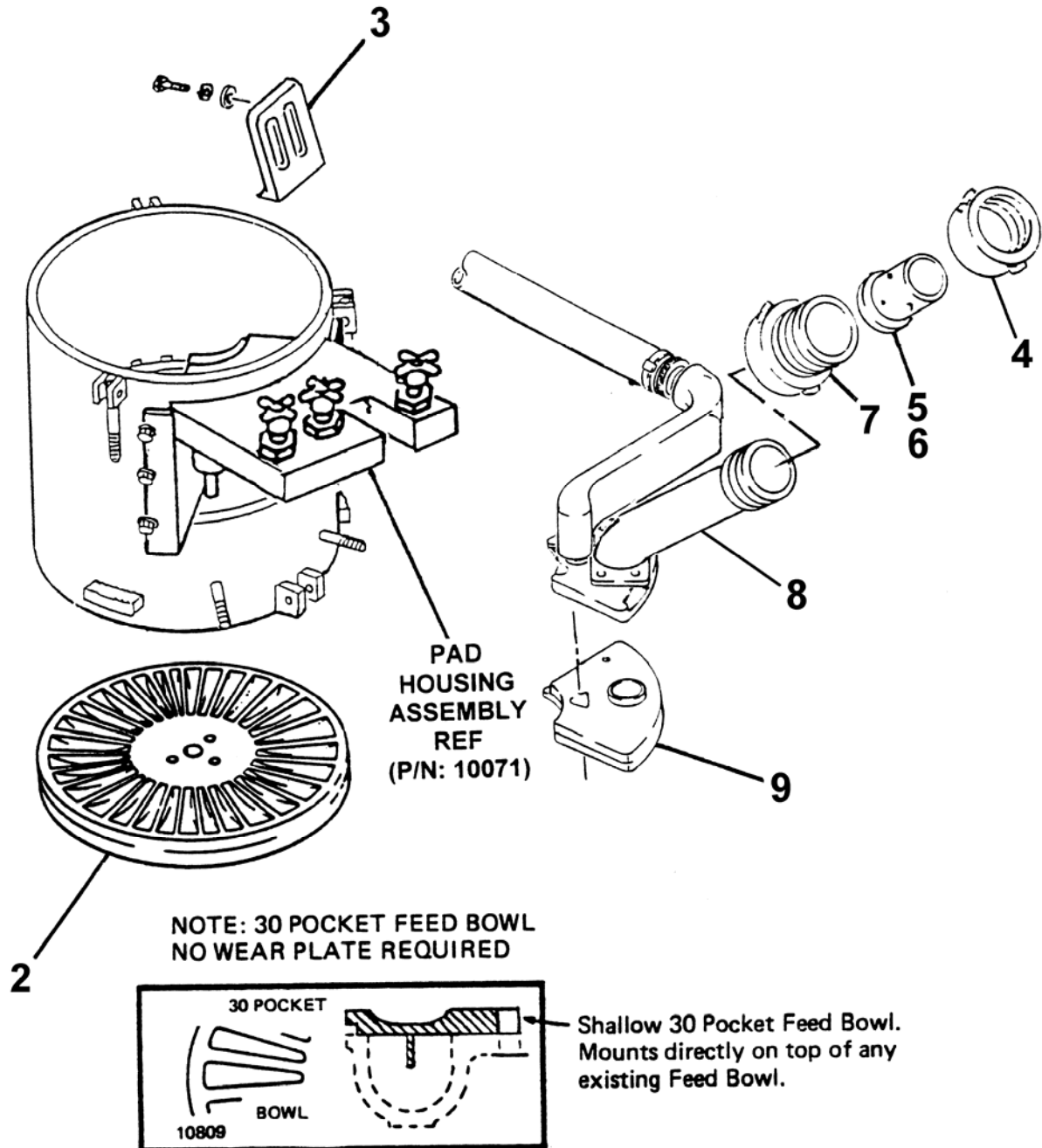
**21 POCKET FEED WHEEL
AND PAD BACKUP INSTALLATION**

LOVA
PARTS
GROUP 40
FIGURE 08
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-08	Installation, 21 Pocket Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10808	• Feed Bowl, 21 Pocket	1
3	10807	• Plate, 21 Pocket Wear	1
4	10013	• Shear, Wide Rock (Optional Item)	1
5	10936	• Weldment, Refractory Cone (Optional Item)	1
6	10014	• Shear, Narrow Rock (Optional Item)	1
7	11036	• Nut, Coarse 1-1/4 Inch Coupling (Optional Item)	1
8	11023	• End, Coarse 1-1/4 Inch Female Hose (Optional Item)	1
9	11030	• Nut, Fine 1-1/4 Inch Coupling (Optional Item)	1
10	11016	• End, Fine 1 Inch Female Hose (Optional Item)	1
11	12085	• Adapter to Reducer to 1 Inch or 3/4 Inch Hose	1
12	10661	• Assembly, 1-1/4 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 10 for DET)	1
13	10339	• Wearpad, Rubber	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





30 POCKET FEED WHEEL AND PAD BACKUP INSTALLATION

LOVA
PARTS
GROUP 70
FIGURE 09
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	70-09	Installation, 30 Pocket Feed Wheel and Pad Backup (See Group 70, Figure 01 for NHA)	Ref
2	10809	• Feed Bowl, 30 Pocket	1
3	10013	• Shear, Wide Rock	1
4	11030	• Nut, Fine 1-1/4 Inch Coupling	1
5	11016	• End, Fine 1 Inch Female Hose (Optional Item)	1
6	11015	• End, Fine 3/4 Inch Female Hose (Optional Item)	1
7	12085	• Adapter 1 1/4 to Adapter 1 Inch or 3/4 Inch Hose	1
8	10661	• Assembly, 1-1/4 Inch Solid Pad Backup (Optional Item) (See Group 70, Figure 10 for DET)	1
9	10339	• Wearpad, Rubber	1

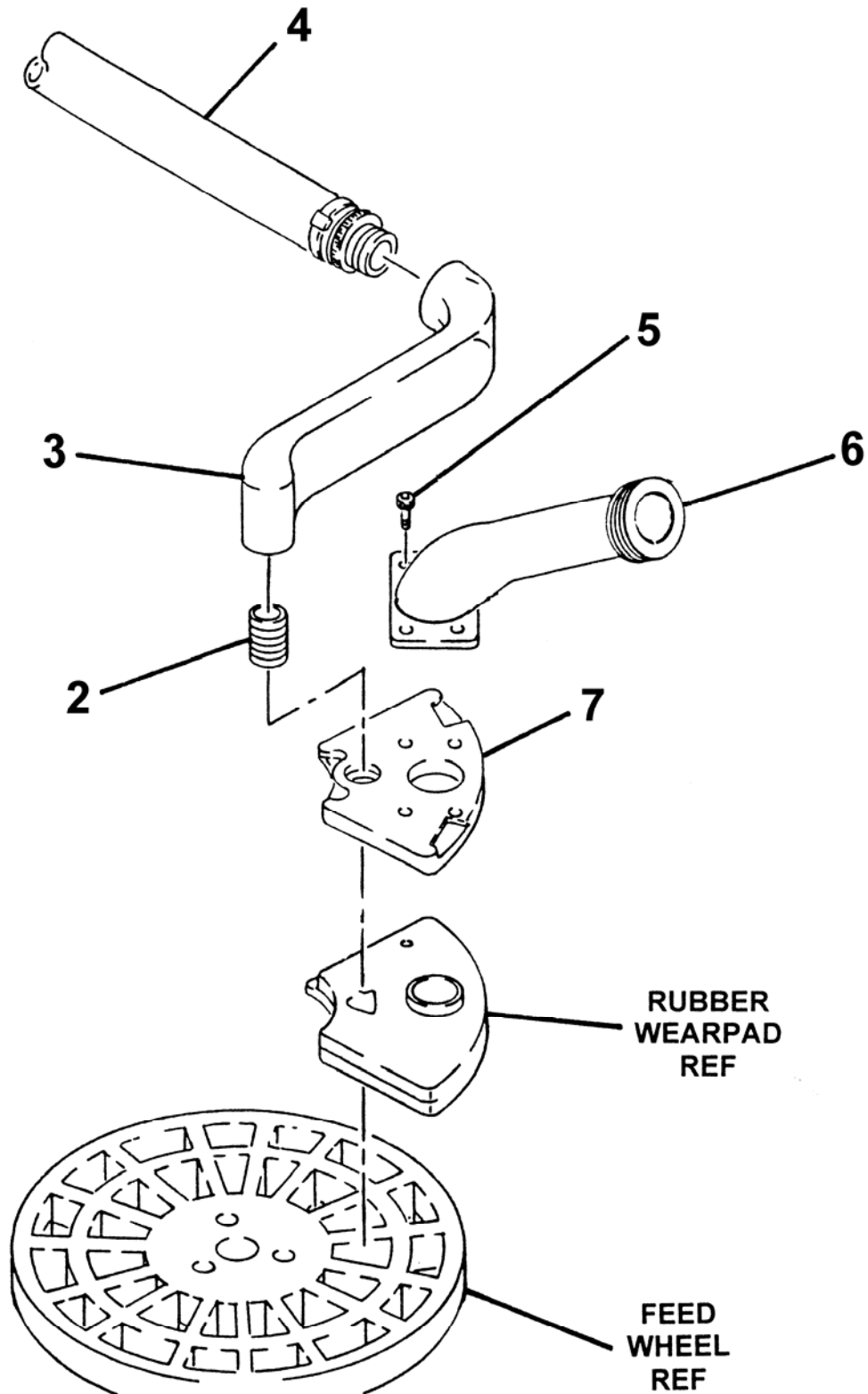
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



1-1/4 INCH SOLID
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 10
PAGE 01



REVISION:



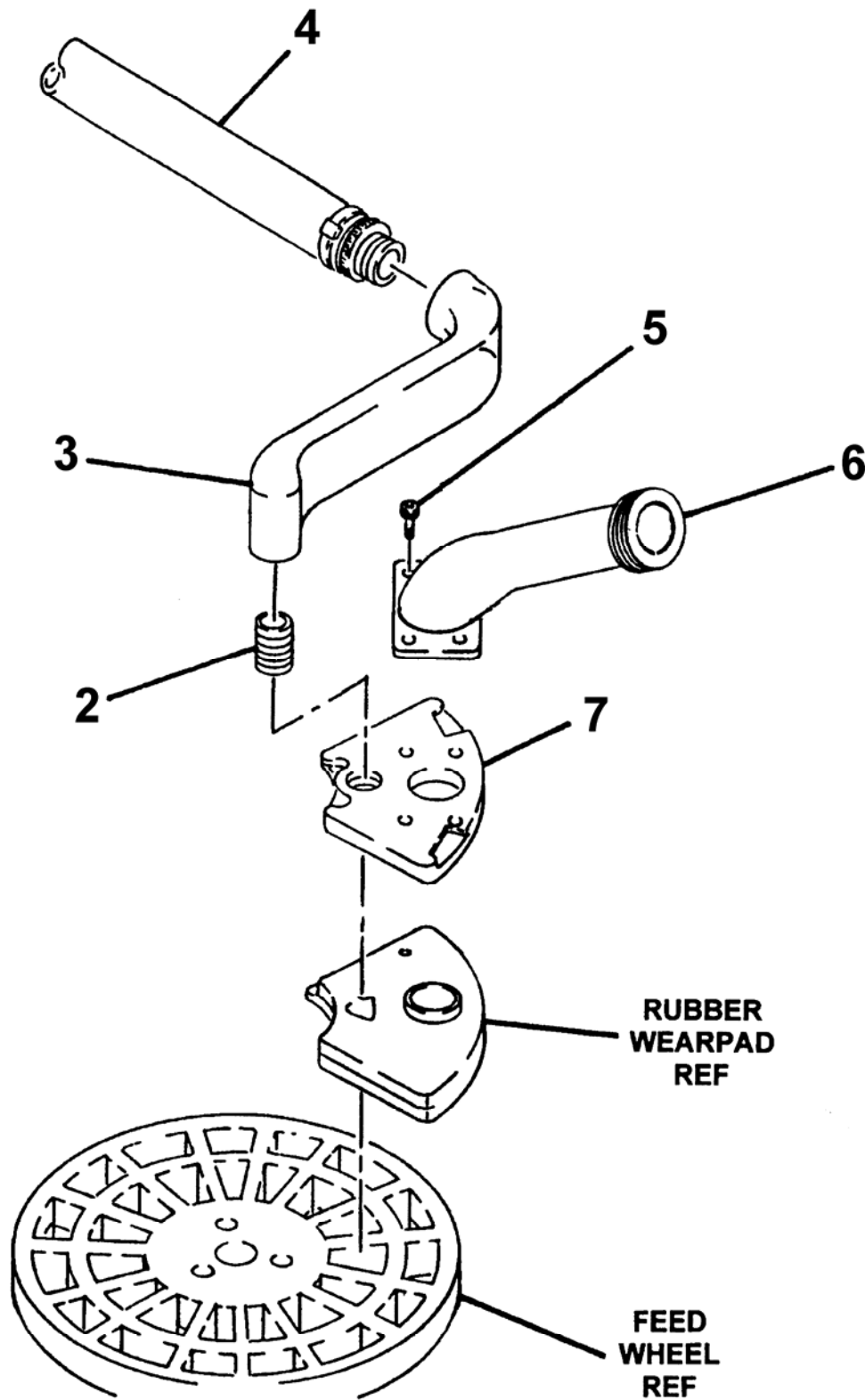
1-1/4 INCH SOLID
PAD BACKUPASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 10
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10661	Assembly, 1-1/4 Inch Solid Pad Backup (See Group 70, Figure 07 and 08 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10043	• Weldment, 1-1/4 Inch Solid Goose Neck	1
7	60012	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





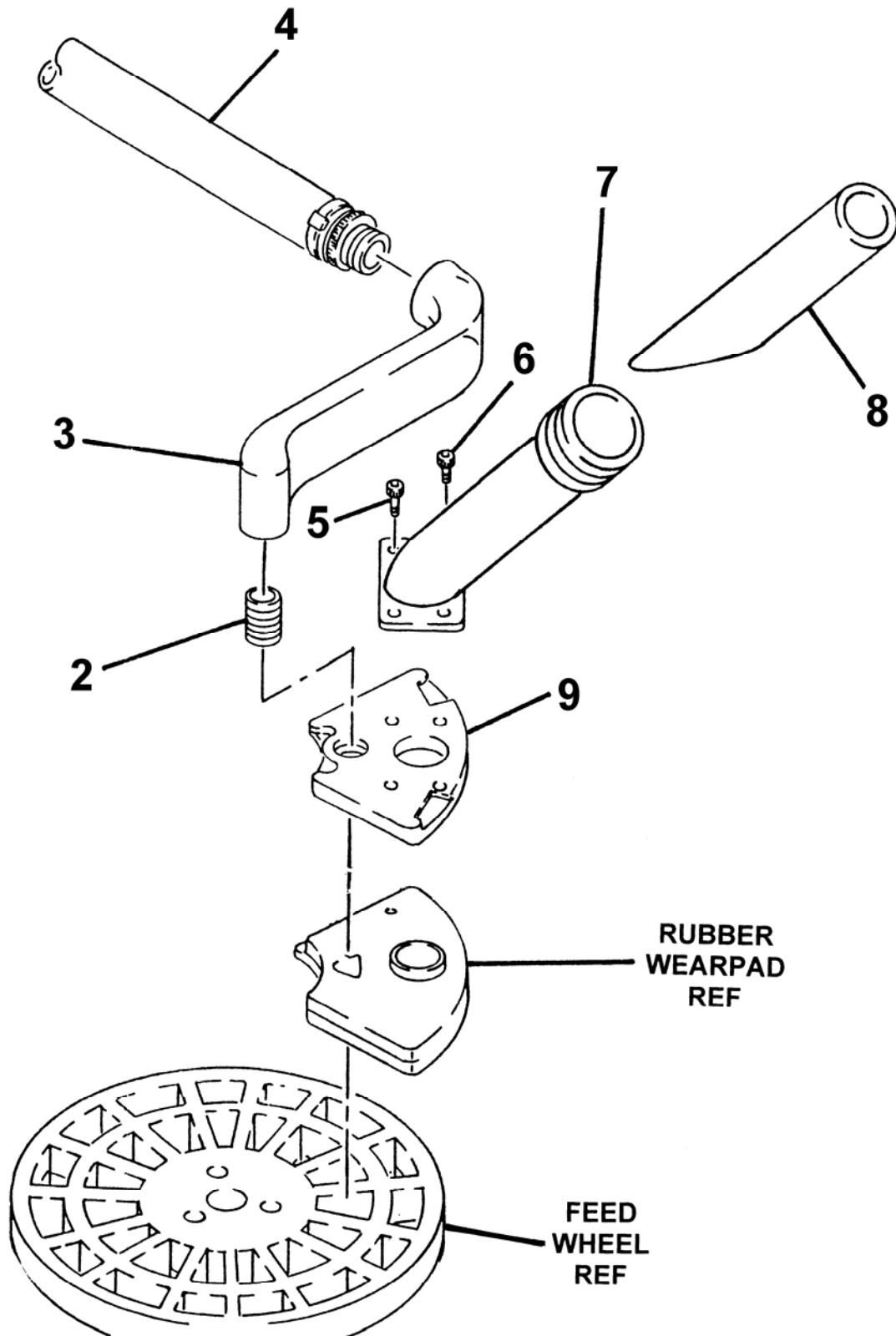
1-1/2 INCH SOLID STANDARD
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 11
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10662	Assembly, 1-1/2 Inch Solid Standard Pad Backup (See Group 70, Figure 07 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10044	• Weldment, 1-1/2 Inch Solid Goose Neck	1
7	60012	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





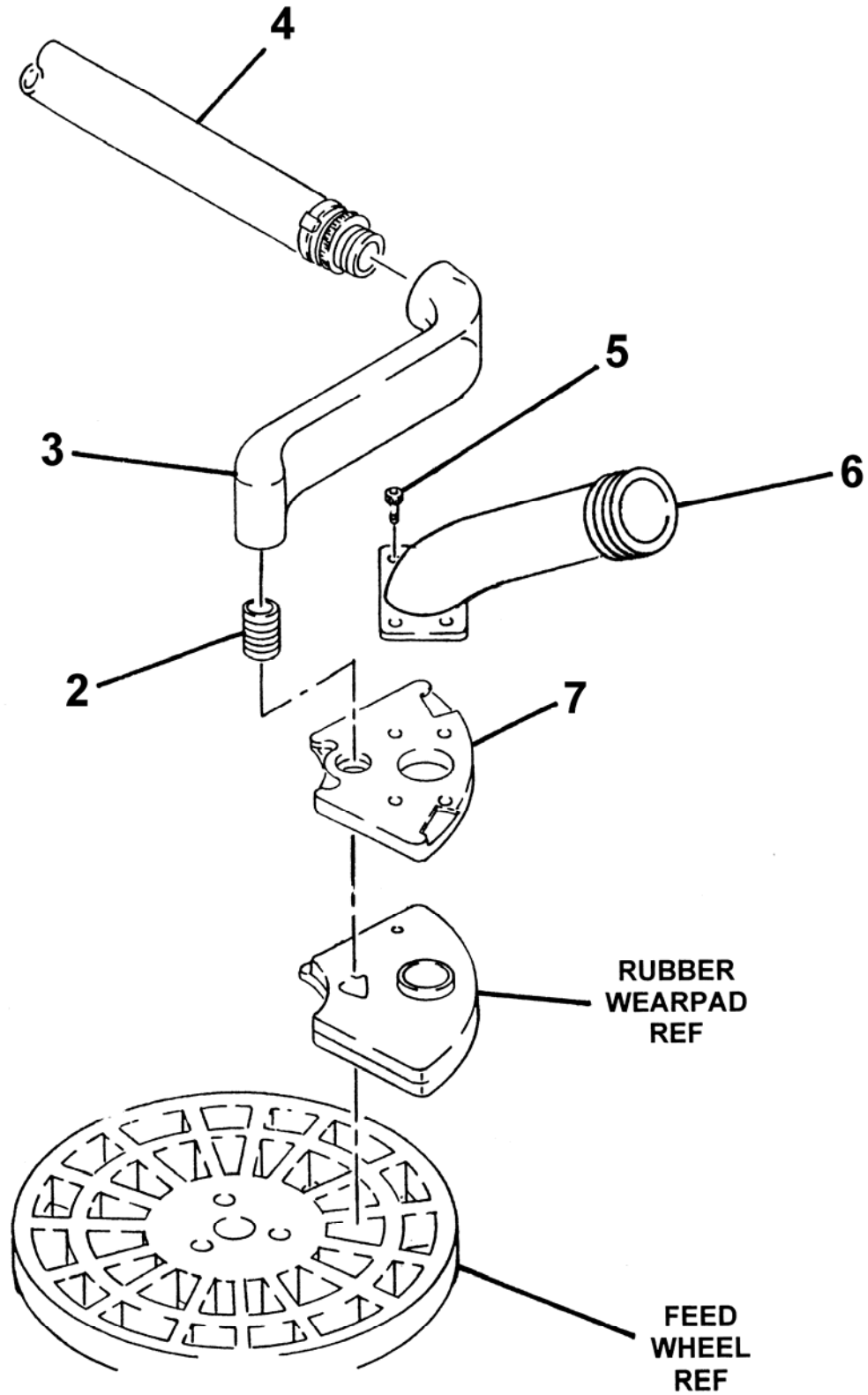
2 INCH LINER TYPE STANDARD
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 12
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10663	Assembly, 2 Inch Liner Type Standard Pad Backup (See Group 70, Figure 04 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	2
6	80268	• Screw, Phillister Head Short	2
7	10046	• Weldment, 2 Inch Liner Type Goose Neck	1
8	10858	• Liner, 2 Inch Goose Neck	1
9	10954	• Plate, 2 Inch Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





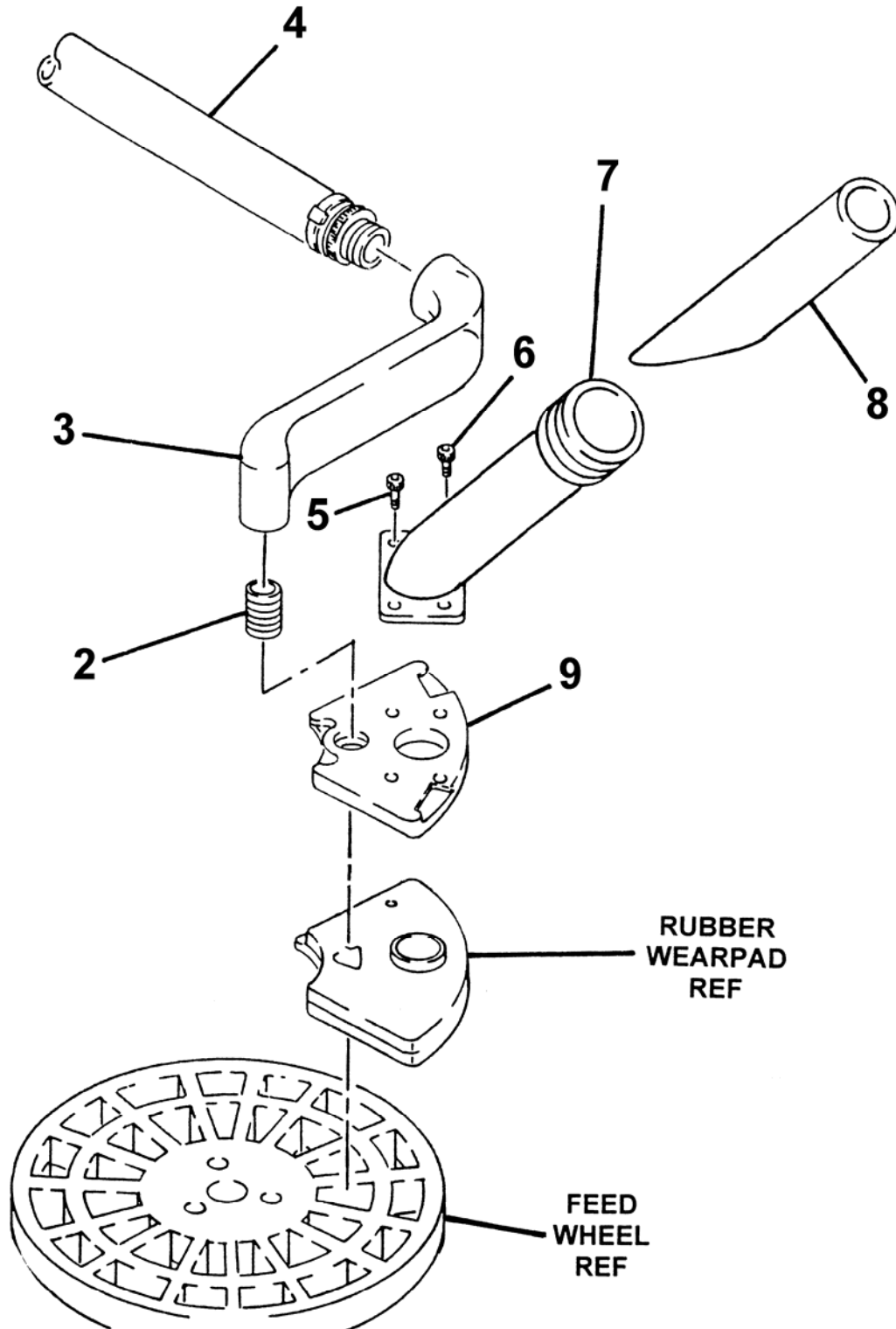
2 INCH SOLID STANDARD
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 13
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10664-1	Assembly, 2 Inch Solid Standard Pad Backup (See Group 70, Figure 04 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10045	• Weldment, 2 Inch Solid Goose Neck	1
7	60012	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





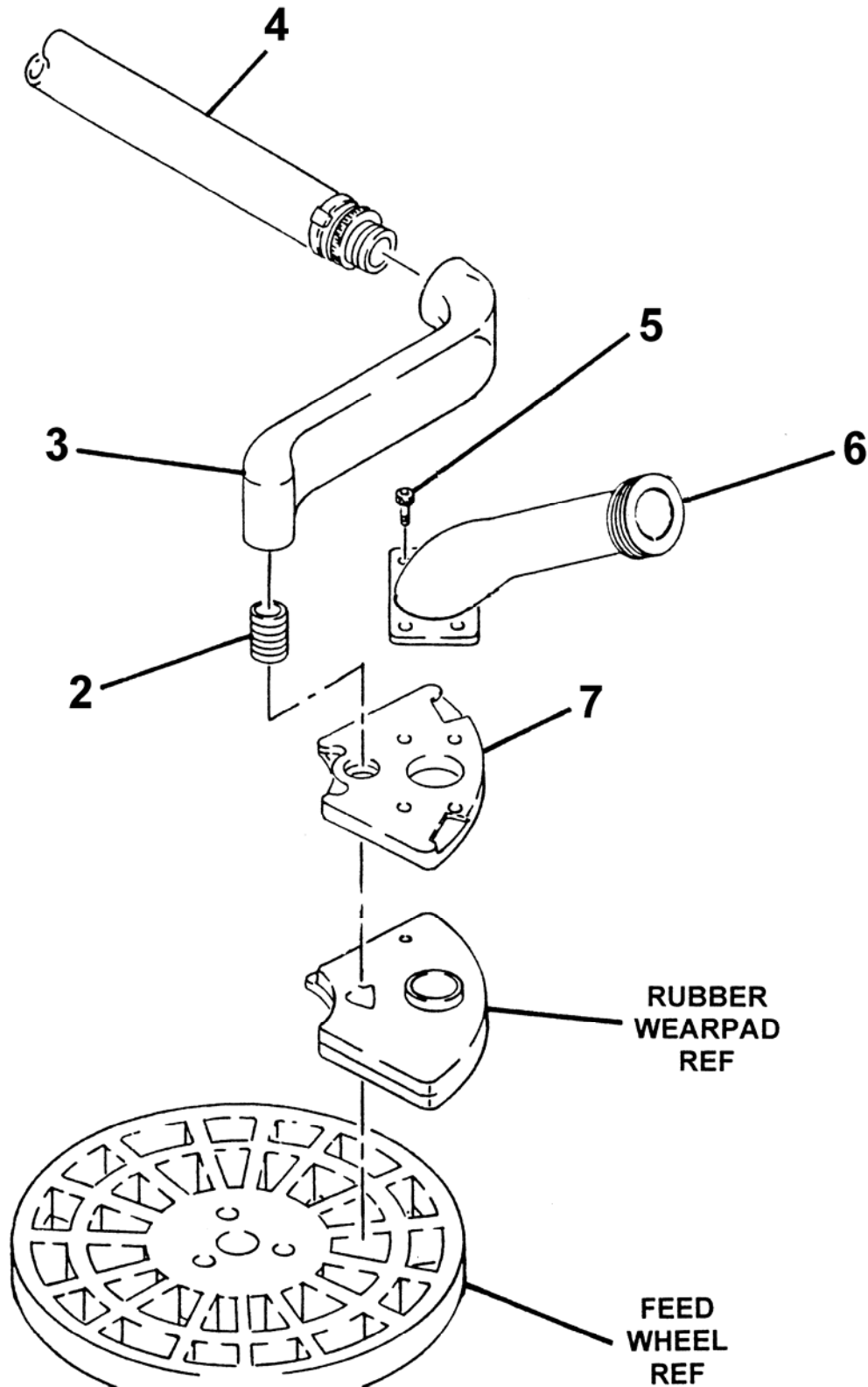
**2 INCH LINER TYPE LARGE AGGREGATE
PAD BACKUP ASSEMBLY**

LOVA
PARTS
GROUP 70
FIGURE 14
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10666	Assembly, 2 Inch Liner Type Large Aggregate Pad Backup (See Group 70, Figure 03, 05 and 06 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	2
6	80268	• Screw, Phillister Head Short	2
7	10046	• Weldment, 2 Inch Liner Type Goose Neck	1
8	10858	• Liner, 2 Inch Goose Neck	1
9	10953	• Plate, 2 Inch Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





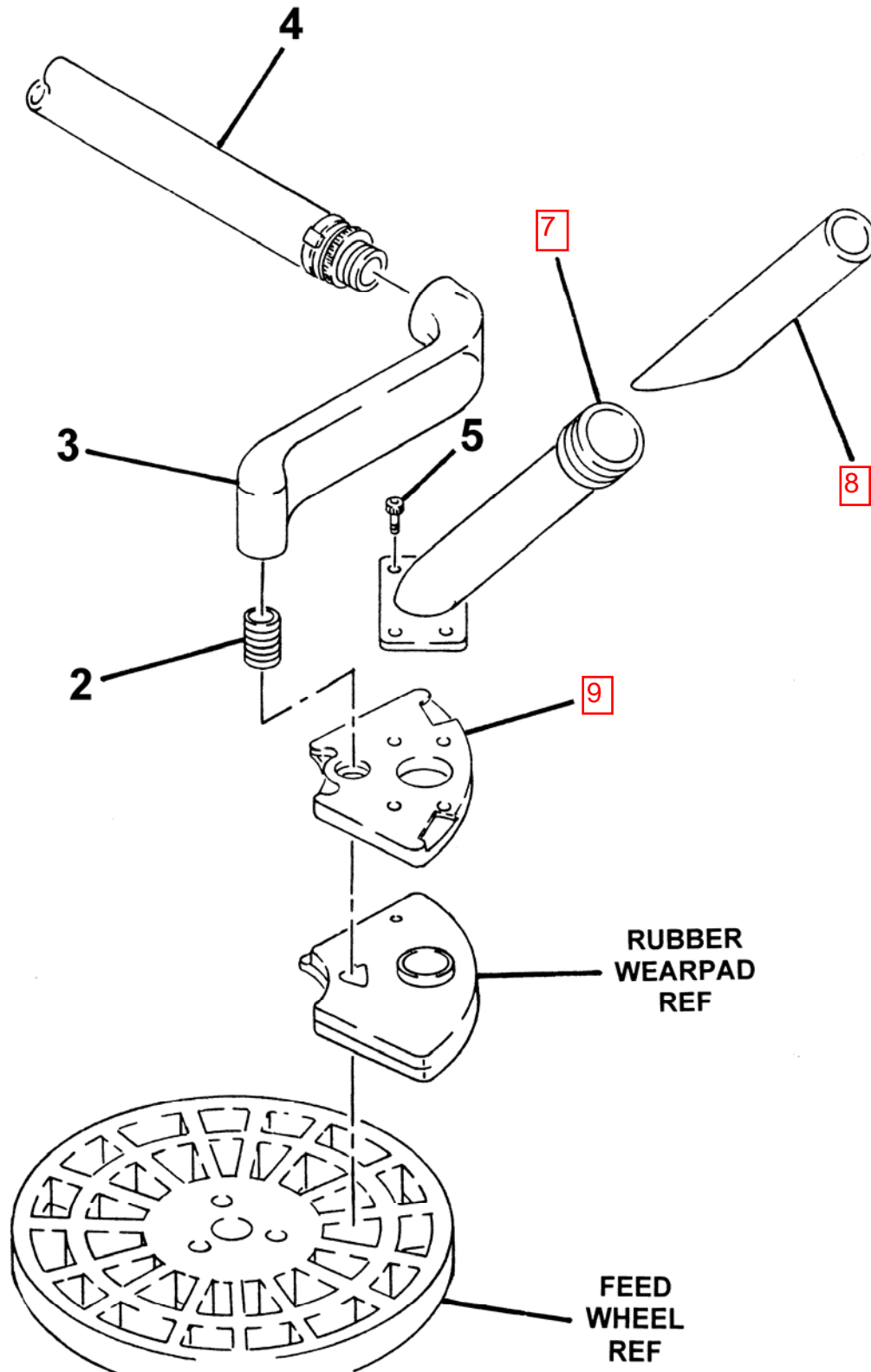
1-1/2 INCH SOLID LARGE AGGREGATE
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 15
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10667-1	Assembly, 2 Inch Solid Large Aggregate Pad Backup (See Group 70, Figure 05 and 06 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	4
6	10044	• Weldment, 1-1/2 Inch Solid Goose Neck	1
7	60010	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





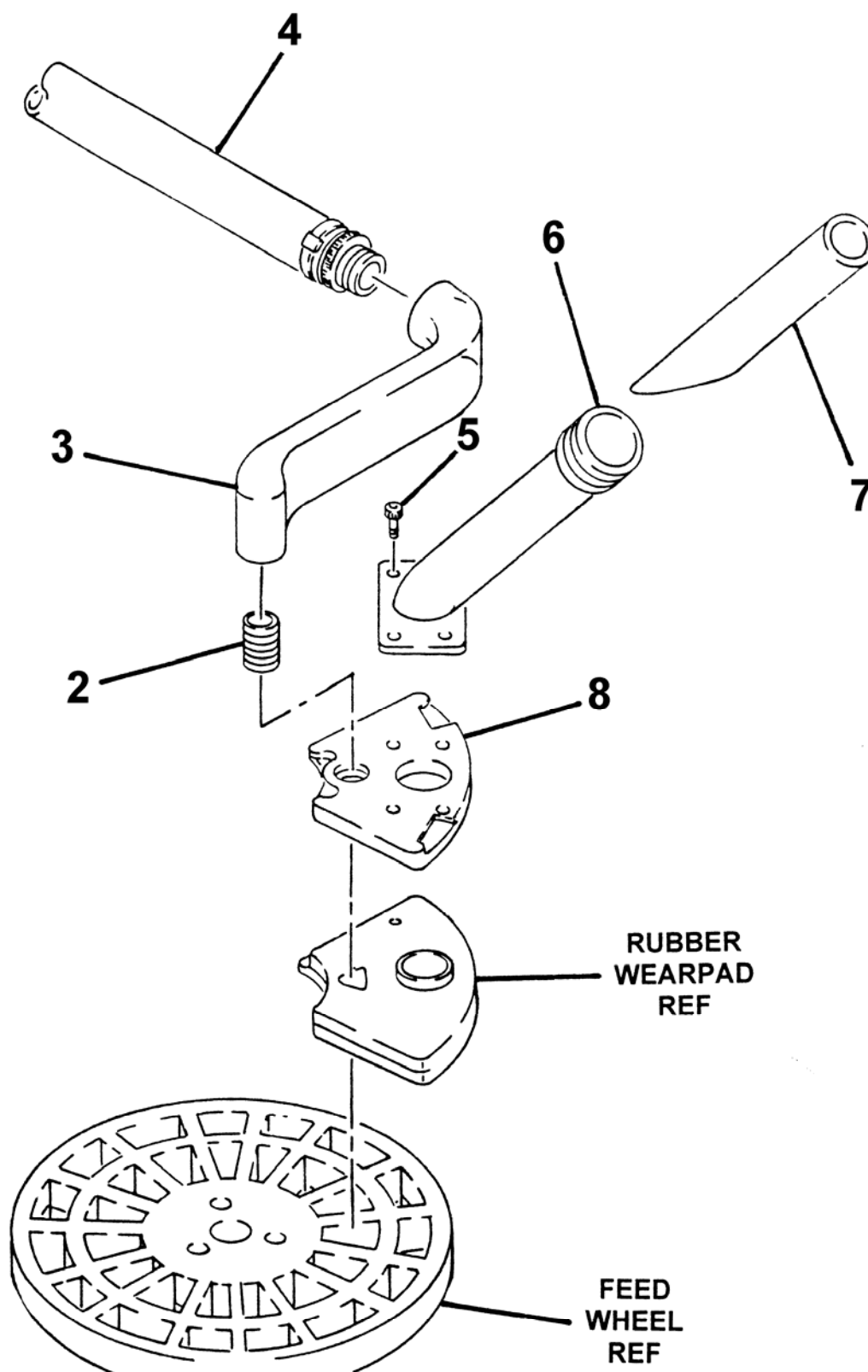
1-1/2 LINER TYPE STANDARD
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 16
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10668	Assembly, 1-1/2 Inch Liner Type Standard Pad Backup (See Group 70, Figure 04 and 07 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	2
6	80268	• Screw, Phillister Head Short	2
7	10042	• Weldment, 1-1/2 Inch Liner Type Goose Neck	1
8	13312	• Liner, 1-1/2 Inch Goose Neck	1
9	60012	• Plate, Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION:





1-1/2 INCH LINER TYPE LARGE AGGREGATE
PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 17
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10669	Assembly, 1-1/2 Inch Liner Type Large Aggregate Pad Backup (See Group 70, Figure 05 and 06 for NHA)	Ref
2	10232	• Nipple	1
3	10219	• Inlet, Air	1
4	10260	• Assembly, Crossover Hose	1
5	80270	• Screw, Phillister Head Long	2
6	80268	• Screw, Phillister Head Short	2
7	10042	• Weldment, 1-1/2 Inch Liner Type Goose Neck	1
8	13312	• Liner, 1-1/2 Inch Goose Neck	1
9	60010	• Plate, Pad Backup	1

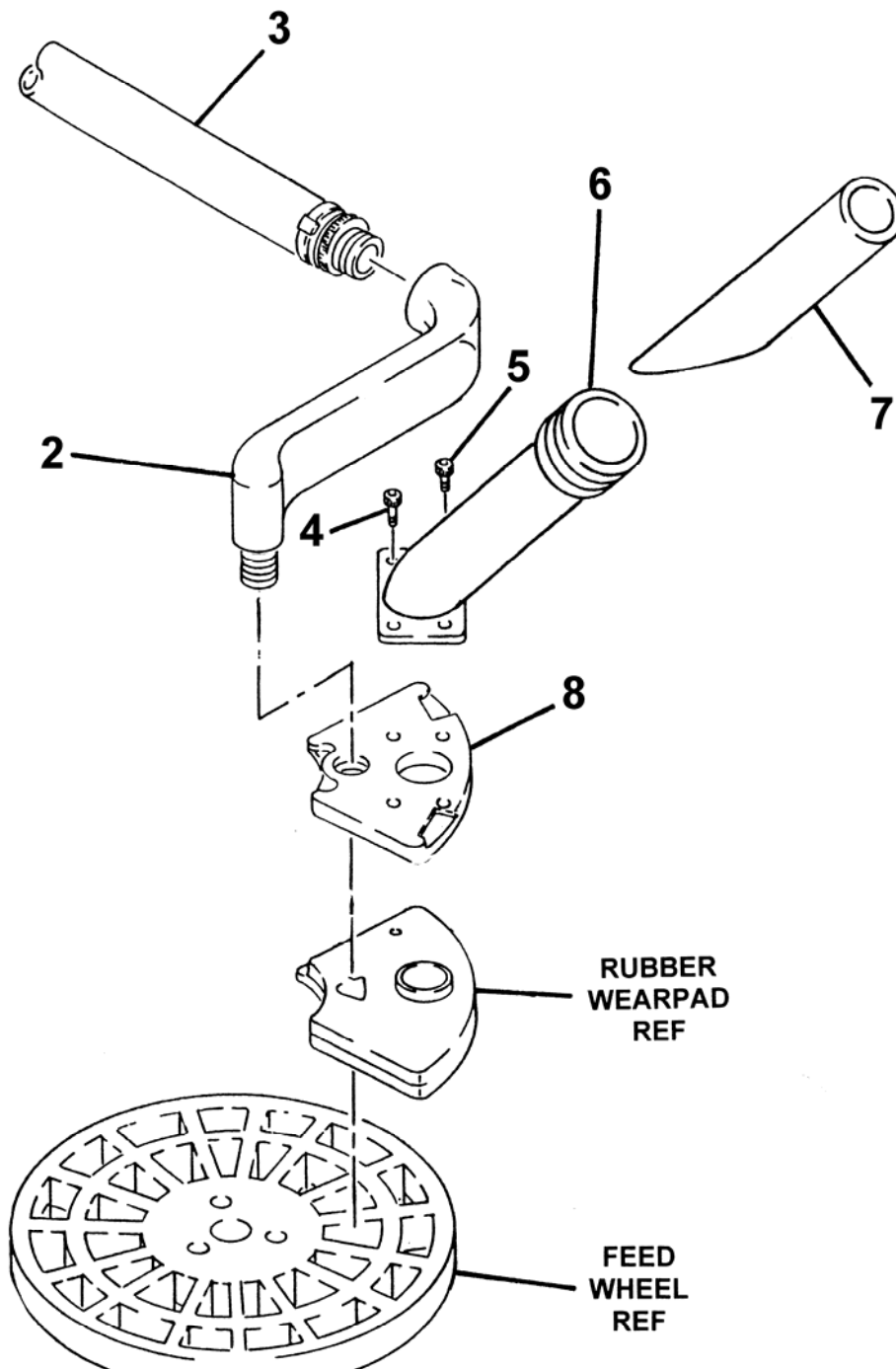
DASH (-) ITEM NOT ILLUSTRATED

REVISION:



2 INCH LINER TYPE LARGE AGGREGATE
1-1/4 AIR INLET PAD BACKUP ASSEMBLY

LOVA
PARTS
GROUP 70
FIGURE 18
PAGE 01



REVISION:



**2 INCH LINER TYPE LARGE AGGREGATE
PAD BACKUP ASSEMBLY**

LOVA
PARTS
GROUP 70
FIGURE 18
PAGE 02

ITEM NO.	REED'S PARTS NO.	DESCRIPTION	QTY
		1 2 3 4 5	
-1	10670	Assembly, 2 Inch Liner Type Large Aggregate, 1-1/4 Air Inlet Pad Backup (See Group 70, Figure 01 and for NHA)	Ref
2	10217	• Inlet, Air	1
3	10260	• Assembly, Crossover Hose	1
4	80270	• Screw, Phillister Head Long	2
5	80268	• Screw, Phillister Head Short	2
6	10046	• Weldment, 2 Inch Liner Type Goose Neck	1
7	10858	• Liner, 2 Inch Goose Neck	1
8	10955	• Plate, 2 Inch Pad Backup	1

DASH (-) ITEM NOT ILLUSTRATED

REVISION: