GENERAL DIMENSIONS

WARNING
DO NOT OPERATE THESE UNITS WITH COMBUSTIBLE GAS

EXHAUST PORT
3/8" NPT

LUBRICANT OUTLET
1/4" NPT

1/2" 20 THD
4 HOLES

1/8" 1/4" 2 1/2"

1-1/8" 13/16"

2-1/2" AIRMOTOR Models 200025 200026 200027 Series "F"

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FORM 4787E
TO LUBRICATE AIR VALVE MECHANISM

Disconnect air to pump, remove the four cover screws, cover plate, and cover plate gasket. Grease should then be packed behind the toggle plate. Use NLGI NO. 1 (LIGHT GRADE) WATER REPELLENT GREASE APPROXIMATELY 1 1/2 OUNCES. If toggle plate has been removed from air valve casting, pack cavity with grease before replacing toggle plate. Replace cover plate gasket, cover plate, and cover screws. Tighten to avoid air leaks. Periodic inspection of parts at least once each year is advisable.

**2-1/2" DIA. AIR MOTOR HYDRAULIC PUMPS**

The 31047 Check Seat Gasket used with 90859. The 31047 Check Seat Gasket used with 9209.

<table>
<thead>
<tr>
<th>BASIC PUMP NO.</th>
<th>GLAND PACKING (TOP)</th>
<th>GLAND PACKING (SPACER)</th>
<th>LEATHER GLAND (BOTTOM)</th>
<th>GLAND PACKING (BOTTOM)</th>
<th>AIR MOTOR PISTON ROD</th>
<th>BUSHING IN PLUNGER ASSEMBLY</th>
<th>FOOT VALVE BOLT</th>
<th>PUMP SERIES</th>
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**NOTE**

Air Exhaust: Do not plug this port. Threaded for use with optional muffler equipment.
SERVICE INSTRUCTIONS

LUBRICATE AIR VALVE ONCE EACH YEAR. REFER TO INSTRUCTION NOTE ON INSIDE PAGE.

SERVICE OF LOWER PUMP TUBE ASSEMBLY

Loss of pressure, volume or continuous operation of pump when not in normal use indicates;

Foreign material lodged under piston ball checks or ball check. To correct this condition, the piston ball checks and ball check should be removed and cleaned thoroughly.

SERVICE PARTS

<table>
<thead>
<tr>
<th>PART</th>
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<th>DESCRIPTION</th>
<th>PART</th>
<th>QUAN.</th>
<th>DESCRIPTION</th>
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RETAIN THIS INFORMATION FOR FUTURE REFERENCE

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN provides a Distributor Network that stocks equipment and replacement parts.
A list of Authorized Service Departments will be furnished upon request.