

**ATD-5327 MADE IN MEXICO**

**FOR MANUAL USE**



**MANUAL OIL & GEAR OIL BUCKET PUMP**

**30LB Capacity Bulk Container**

**5 ft (1.52mtr) Oil Hose & Curved or Straight Nozzle**

**Approximate Output: 1 pint per 7 strokes using SAE 90 Gear Lubricant at 70 Degrees F**

**OWNERS MANUAL**

**RETAIN THIS MANUAL FOR FUTURE REFERENCE TO IMPORTANT WARNINGS AND OPERATING AND MAINTENANCE INSTRUCTIONS.**

**PROPER USE AND MAINTENANCE OF THIS EQUIPMENT IS THE RESPONSIBILITY OF THE OWNER AND/OR OPERATOR.**

**DO NOT USE THIS EQUIPMENT UNLESS YOU HAVE CAREFULLY READ AND UNDERSTAND THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL.**

***! WARNING !***

**NEVER** exceed the stated maximum working pressure of the pump or of the lowest rated component in your system.

**NEVER** modify any part of this equipment.

**NEVER** use combustible gas with this equipment.

**NEVER** attempt repairs while the system is under pressure.

**NEVER** attempt to disassemble the equipment while the system is under pressure.

**ALWAYS** tighten fluid connections before using this equipment

**ALWAYS** read/follow the fluid manufacturer's recommendations regarding fluid compatibility.

**ALWAYS** read/follow the fluid manufacturer's recommendations regarding the use of protective clothing and equipment.

**ALWAYS** use an air line filter/moisture eliminator at the air inlet for the pump.(**IF APPLICABLE**)

**ALWAYS** use air line lubricator. .(**IF APPLICABLE**)

**REGULARLY** check all equipment and repair/replace worn or damaged parts immediately.

**FAILURE TO HEED THESE WARNINGS INCLUDING OVERPRESSURIZING, ALTERING PARTS, USE OF INCOMPATIBLE FLUIDS, MISUSE, OR USE OF DAMAGED/WORN PARTS MAY RESULT IN EQUIPMENT DAMAGE, PROPERTY DAMAGE, FIRE, EXPLOSION AND/OR SERIOUS PERSONAL INJURY.**

**SAFETY INSTRUCTIONS**

Extreme caution should be used when operating this equipment as it generates very high fluid pressure. Leaks from loose or ruptured components or material from dispensing valve can inject fluid through the skin causing serious bodily injury and possible need for amputation. Always wear protection to prevent material splashing onto skin or into eyes.

**IMPORTANT:** GET EMERGENCY MEDICAL CARE IMMEDIATELY IF ANY FLUID APPEARS TO PENETRATE THE SKIN! INFORM PHYSICIAN OF EXACTLY WHAT WAS INJECTED. PLEASE DO NOT TREAT THIS INJURY AS A SIMPLE CUT.

# ***! WARNING ! – RELIEF PROCEDURE***

**DO NOT EVER** point the dispensing valve at another person.

**DO NOT EVER** attempt to stop material from the dispensing valve or a leaking connection with your hand or body.

**BEFORE EACH USE**, check equipment for proper operation and to insure safety devices are in place and working properly.

**NEVER** modify this equipment. Modification could cause equipment malfunction and resulting serious bodily injury.

**When flushing the pump with solvents, ALWAYS** hold a metal part of the dispensing valve firmly to the side of a grounded metal pail and operate pump at the lowest possible fluid pressure to reduce the risk of injury from splashing or static sparking.

**WARNING: For Air Operated Equipment:** This pump can develop 7500 PSI working pressure at 125 PSI maximum incoming air pressure. Be sure that all system equipment and accessories are rated to withstand the maximum working pressure of this pump. **NEVER** exceed the maximum working pressure of the lowest rated component in the system. **IMPORTANT:** “Whip” hoses for dispensing valve are fluid pressure rated at 4500 PSI. **NEVER** exceed 90 PSI, air pressure to pump when using “whip” hoses.

**WARNING: For Air Operated Equipment:** Water and even moist air can cause this pump to corrode. To aid in the prevention of this corrosion, **NEVER** leave the pump filled with water or air. After normal flushing, flush the pump once more with mineral spirits or an oil based solvent, relieve pressure and leave the mineral spirits in the pump. It is strongly suggested to put 2-4 fl oz of Lubricating Oil in the Air Motor Inlet every week for Proper Lubrication. **Never use a Synthetic Oil as this will cause irreparable damage to the pump. BE SURE TO CORRECTLY FOLLOW THE PRESSURE RELIEF PROCEDURE.**

## **PRESSURE RELIEF PROCEDURE**

**ALWAYS FOLLOW THIS PROCEDURE** to reduce the risk of serious bodily injury, including splashing into the eyes. After shutting off the pump; checking/servicing any part of the system; installing/cleaning or changing any part of the system, **ALWAYS** follow this procedure:

1. Disconnect the air supply to the pump.(**IF APPLICABLE**).
2. Aim the dispensing valve away from yourself and others.
3. Aim the dispensing valve into an appropriate container and open until all pressure is relieved.

If you believe that the dispensing valve or hose is completely clogged or that pressure in the pump has not been fully relieved after following the above procedure, **VERY SLOWLY** loosen the hose end coupling to relieve the pressure gradually and then loosen completely. Then proceed to clear the valve or hose.

**WARNING: ALWAYS** follow the Pressure Relief Procedure after shutting off the pump.

**WARNING: ALWAYS** follow the Pressure Relief Procedure when checking/servicing any part of the system and when installing, cleaning or changing any part of the system.

## **INSPECTION INSTRUCTIONS**

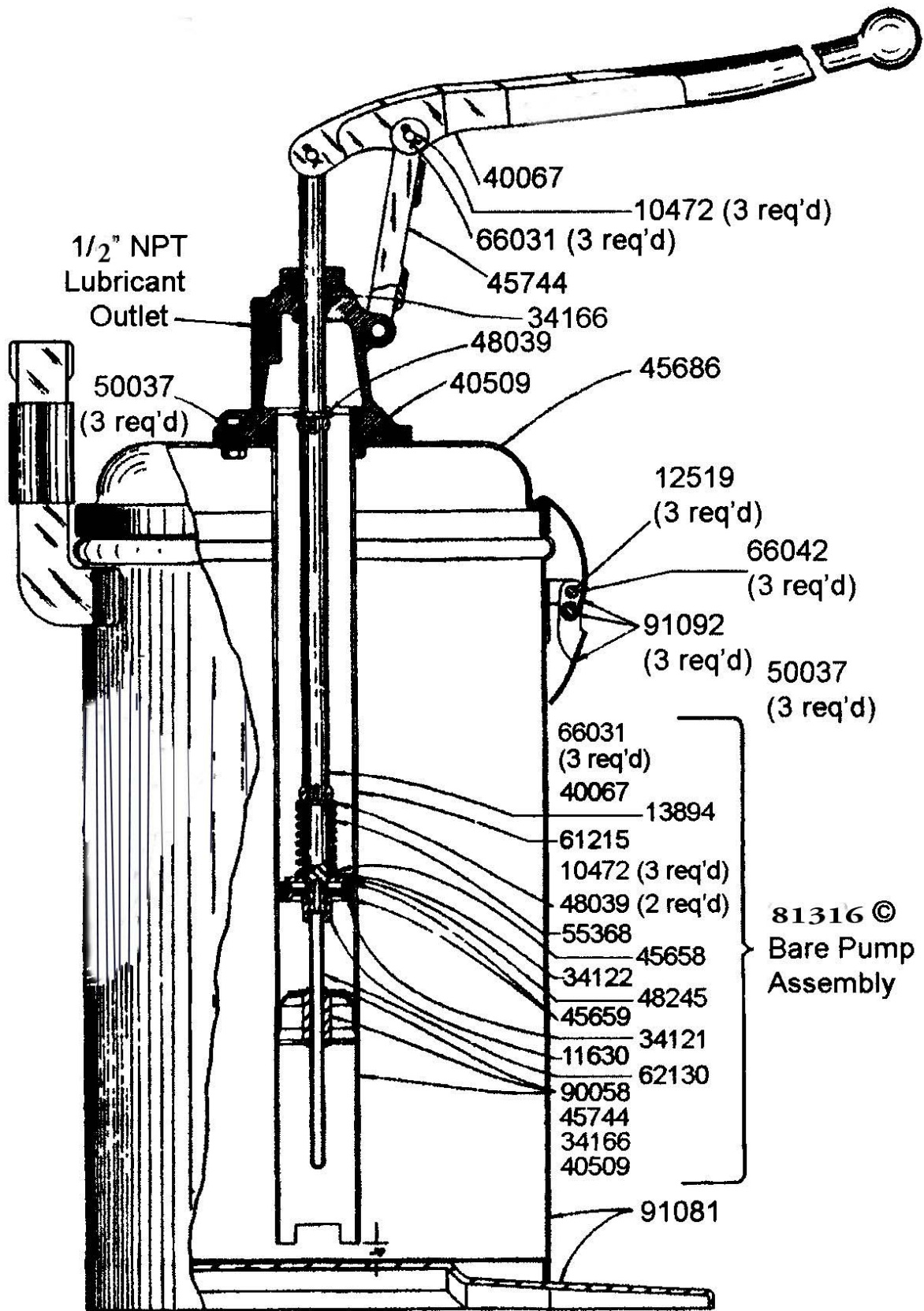
If you believe that you have overpressurized the equipment, or if your equipment requires adjustments or repair, contact ATD’s service center at 1-800-328-2897 for inspection of the pump.

**LUBRICATION:** It is recommended to lubricate the Air Motor once a week with 2-4fl oz of Common Lubricating Motor Oil injected into the Airlet port of the Air Motor. This will ensure maximum life of the Air Motor. Never use a Synthetic Oil to Lubricate the Air Motor as this will swell the Buna-N rubber packings and cause irreparable damage.

## **INSTALLATION**

**For Air Operated Equipment:** It is recommended that you use an **air line filter/regulator/lubricator** to remove harmful dirt and moisture from the compressed air supply and to provide automatic lubrication to the air motor. Blow-dry the lines and hoses with air before connecting them to the system.

**ATD WARRANTY & SERVICE CENTER MAY BE CONTACTED AT 1-800-328-2897.**



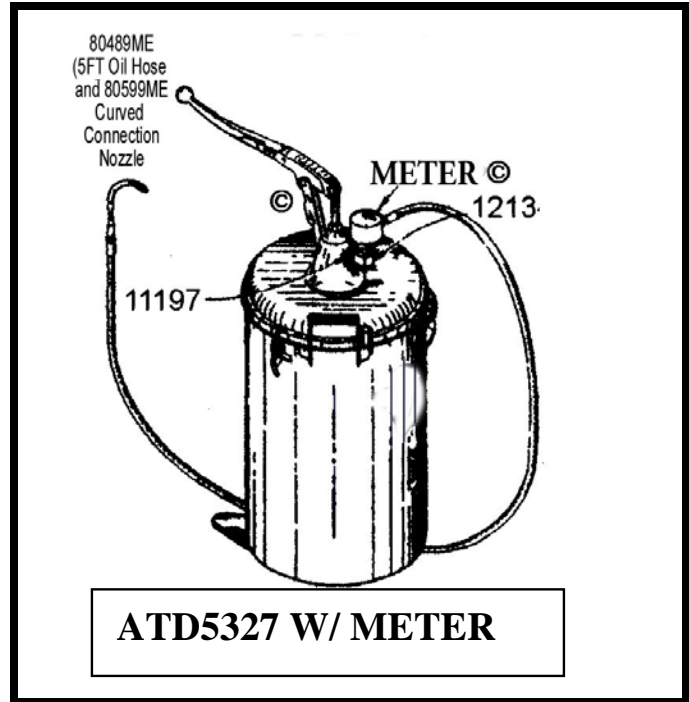
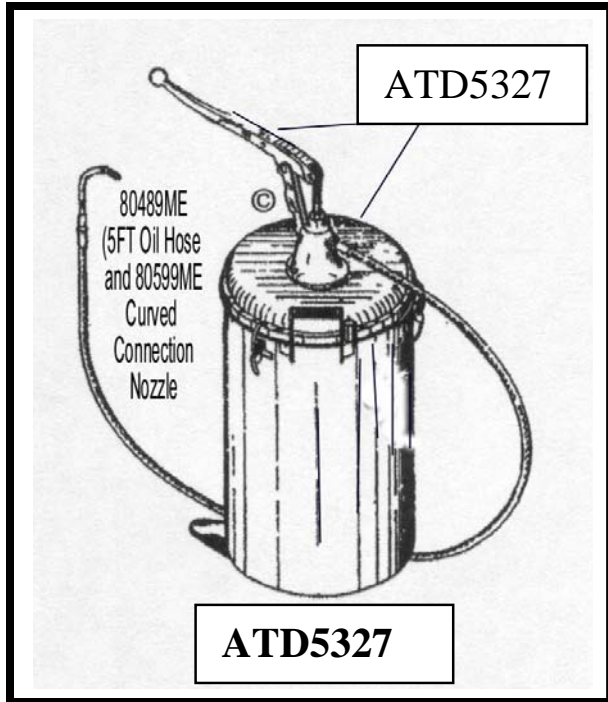
**ATD5327**

## MODEL ATD5327 & ATD5327S

Manual Oil and Gear Oil Bucket Pump with 30LB Capacity Bulk Container with 5 ft (1.52mtr) Oil Hose and either Curved Nozzle (standard) or Straight Nozzle. Container is 9" Diameter (22.9 cm) and 16"(40.6 cm) High; Down Tube Length is: 17"(43.2 cm); Approximate Output is: 1 pint per 7 strokes using SAE 90 Gear Lubricant at 70 Degrees F.

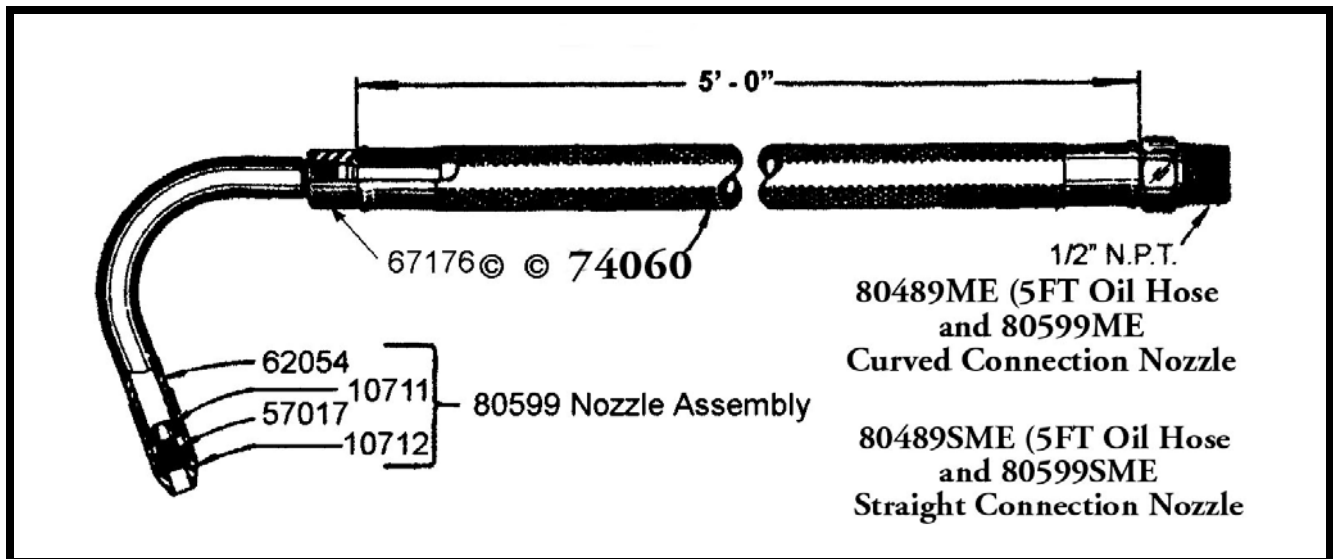
**Model ATD5327** consists of 5 ft(1.52meters) Oil Hose with Curved Delivery Nozzle;

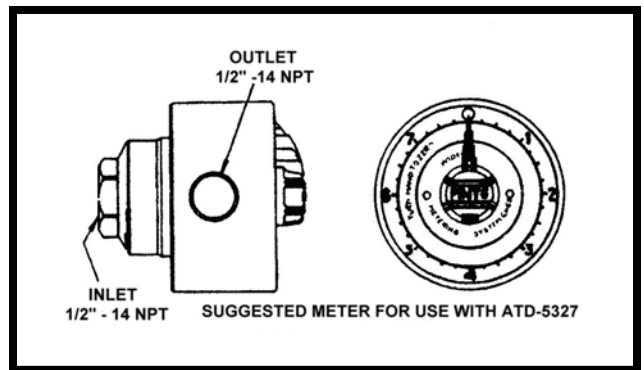
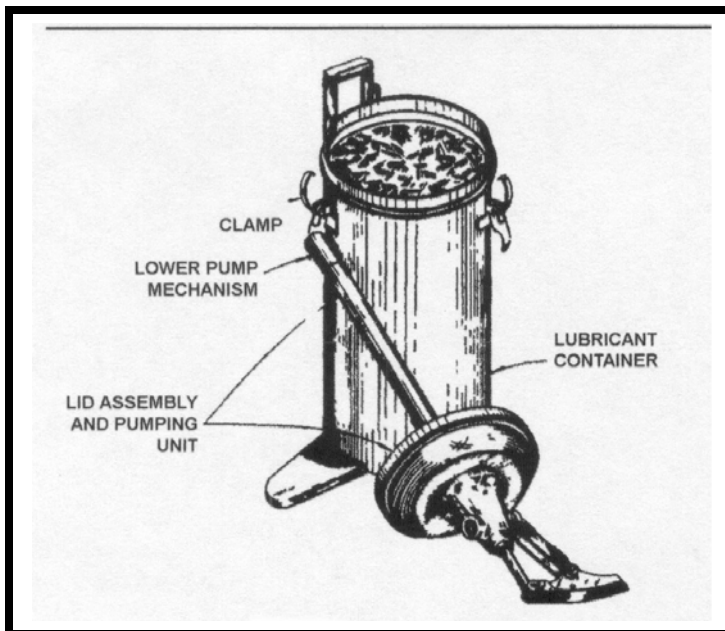
**Model ATD5327S** consists of 5ft(1.52meters) Oil Hose with Straight Delivery Nozzle.



**Note: Meter is supplied separately by Customer**

**Note: Standard hose is 5ft (1.52meters) long with a Curved Nozzle; Straight Nozzle can be ordered Separately.; Part numbers of Straight Nozzle Separate and Straight Nozzle with 5 ft (1.52meter) Oil Hose are shown below.**





**NOTE:** The Meter should be handled carefully, as it is an instrument that will not withstand abuse.

## FILLING CONTAINER

Unfasten three Clamps holding the Container Lid to the Container. Entire Lid Assembly and Pumping Unit can then be removed from the Container.

Pack Lubricant carefully in Container to avoid excessive air pockets. Clean inside of Container before filling with Lubricant. Foreign material may result in extensive damage if inducted into lower Pump Mechanism.

## OPERATING INSTRUCTIONS

Pump is operated by up and down movement of Pump Handle. Volume of Lubricant dispensed is controlled by speed with which Handle is operated and length of stroke taken to operate Pump. To obtain maximum volume use full range of Handle movement from top-most position to bottom stop of stroke

### LOSS OF VOLUME OR PRESSURE INDICATES

- A. Lubricant low in Container and not flowing to bottom of Pump Tube
- B. 90058 Foot Valve fouled or 48245 and 45659 Piston held open by foreign particles. Remove and clean.
- C. After extensive use the 34121 and 34122 Packing\* may be worn or damaged. Replace with new Packing Before replacing 34121 packing examine inside of 61215 Tube for rough surface and replace Tube if damaged.

**Repair Kit: FOR ATD5327:** Consists of: 34121, 34122, and 34166

# Model ATD5327

## REPAIR PARTS LIST

<b>Part No.</b>	<b>Description</b>	<b>Part No</b>	<b>Description</b>
<b>10472</b>	Toggle Pin	<b>48245</b>	Piston Check Disc
<b>10711</b>	Nozzle Check	<b>50037</b>	Hex Head Screw
<b>10712</b>	Nozzle Tip	<b>55368</b>	Pump Piston Spring
<b>11197</b>	Hex Nipple	<b>57017</b>	Nozzle Spring
<b>11630</b>	Expeller Tube Adapter	<b>61215</b>	Pump Tube
<b>12134</b>	Elbow	<b>62054</b>	Nozzle Tube
<b>12519</b>	Fastener Pin	<b>62130</b>	Air Expeller Tube
<b>13894</b>	Connecting Rod	<b>66031</b>	Cotter
<b>34121</b>	Piston Packing	<b>66042</b>	Cotter
<b>34122</b>	Check Disc Packing	<b>80599ME</b>	Curved Nozzle Assembly
<b>34166</b>	O-Ring	<b>80599SME</b>	Straight Nozzle Assembly
<b>40067</b>	Pump Handle	<b>90058</b>	Foot Valve Assembly
<b>40509</b>	Cylinder Bead	<b>91081</b>	Container Assembly
<b>45658</b>	Packing Retainer	<b>91092</b>	Fastener Assembly
<b>45659</b>	Piston	<b>236595</b>	Meter
<b>45686</b>	Container Cover	<b>81316</b>	Bare Pump Assembly
<b>45744</b>	Toggle	<b>74060</b>	Hose
<b>48039</b>	Packing Washer		
<b>80489SME</b>	5 ft Oil Hose and Straight Nozzle Assembly	<b>80489ME</b>	5 ft Oil Hose and Curved Nozzle Assembly

**ATD5327KIT** Repair Kit Consisting of:  
34121, 34122, & 34166

