

AIR GREASE GUN

Item Number M582DB

OWNER'S MANUAL



Performance Tool[®]

▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

PT[®]
Performance Tool

SPECIFICATIONS:

Load.....	Standard 14 oz. grease cartridge, pressure filler or bulk
Capacity.....	14 oz. (400cc)
Feed Method	Single Shot Trigger
Operating Pressure (PSI)	90
Avg. Air Consumption (CFM).....	6
Air Inlet (NPT).....	1/4 in.
Hose Size (ID)	3/8 in.
Length.....	16 in.
Weight	2.65 lbs.

Specifications are subject to change without notice

IMPORTANT SAFETY INFORMATION

▲WARNING. READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS PRODUCT. FAILURE TO DO SO MAY RESULT IN FIRE, ELECTRICAL SHOCK, PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

WARNING! OIL TOOL BEFORE EACH USE. 4 TO 5 DROPS OF A GOOD GRADE AIR TOOL OIL PLACED IN THE AIR INLET IS SUFFICIENT. USE PROPER AIR PRESSURE AND CFM RATING LISTED FOR THIS TOOL.

1. Keep work area clean. Cluttered areas invite injuries.
2. Observe work area conditions. Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted. Do not use electrically powered tools in the presence of flammable gases or liquids. Do not bring combustible materials near the tools.
3. Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools, hoses or extension cords.
4. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children and other untrained persons. Switch off all unused electrical tools when stored. Tools are dangerous in the hands of untrained users.
5. Always wear approved eye protection when using tools. If raising dust, wear a suitable mask.
6. Work Safe. Do not wear loose clothing or jewelry that could become caught by moving parts, causing injury. Operate tool a safe distance from yourself and others in the work area. Keep proper footing and balance at all times. Do not reach over or across running machines, hoses, etc.
7. Do not operate any tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate any tool.
8. Be sure air is in OFF position when connecting tool to air supply.
9. Use only those accessories that are designed for use with tools. For example, with impact wrenches do not use ordinary sockets. Use impact sockets for all air tools.

TROUBLE SHOOTING

INSUFFICIENT POWER

Probable Cause:

Solution

Dirty or clogged air passages	Flush and lubricate tool, drain air tank and supply line.
Insufficient air supply	Increase line pressure, make sure compressor matches tool's air pressure and consumption needs.
Air leakage.....	Use PTFE tape at all fittings and joints.
O-rings.....	Check tool for worn or damaged seals.
Air pockets.....	Press in The Air Vent Valve (10) at the same time pull back and fully extend the Plunger Handle (19) several times. Then push the Plunger Handle (19) all the way in and tighten the Container Tube (17) to the Gun.
Worn/damaged wear & tear parts.....	Replace as necessary.
Tool matching	Be sure you are using a tool suited for the lubing requirements of the job at hand.

INSTRUCTIONAL VIDEO AVAILABLE ON LINE: <https://youtu.be/BArHxMN4CE>

IMPORTANT SAFETY INFORMATION

10. Be sure to disconnect tool from air supply before changing accessories, performing service on tool and when not in use.
11. Follow air source manufacturers' directions for connection of regulators, filters, and other accessories to air source. Do not install quick couplers directly on tool as they put unnecessary strain on the air inlet threads possibly causing them to wear out prematurely. Instead, install them on a short length of air hose attached to the tool.
12. Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.
13. Maintenance. For your safety, maintenance should be performed regularly by a qualified technician using original PERFORMANCE TOOLS® replacement parts. Failure to do so can lead to accidents for the operator. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Performance Tool®. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

▲WARNING: This product and its packaging contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

▲WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator. Read and understand all of the instructions provided in the instruction manual of this product, as well as, any other tool (s) used with this product.

OPERATION

NOTE: For best service you should incorporate an oiler, regulator, and inline filter, as shown in the diagram above.

1. If desired, for quick tool connection, you will need to prepare a 1/4 in. quick air connector (not included) to connect to the air source hose. First, wrap the 1/4 in. quick air connector (not included) with pipe thread seal tape (not included) before threading it onto the 3/8 in. air source hose. Then, connect the 1/4 in. quick air connector to the Air Inlet (2) on the Grease Gun.

Note: If you are not using an automatic oiler system, before operation, add a few drops of Pneumatic Tool Oil to the airline connection. Add a few drops more after each hour of continual use.

2. To check your air system, set the air pressure on your compressor to 90 PSI. Do not exceed the testing air pressure of 90 PSI.
3. Check the air connection for leaks. After test is complete, disconnect from the air supply until grease is loaded into the Air Grease Gun.

OPERATION

FIG. A

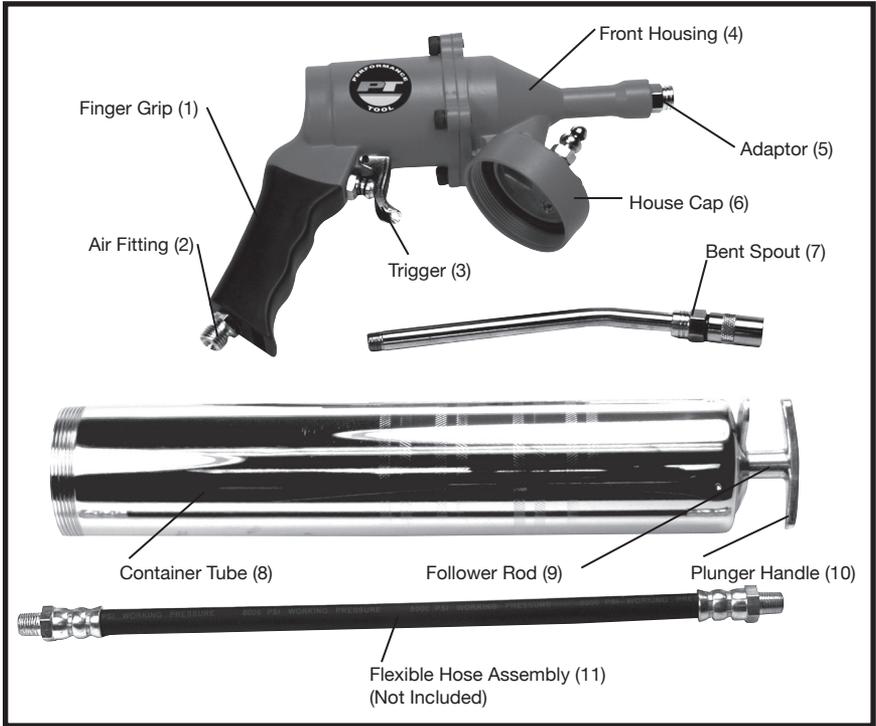


FIG. B

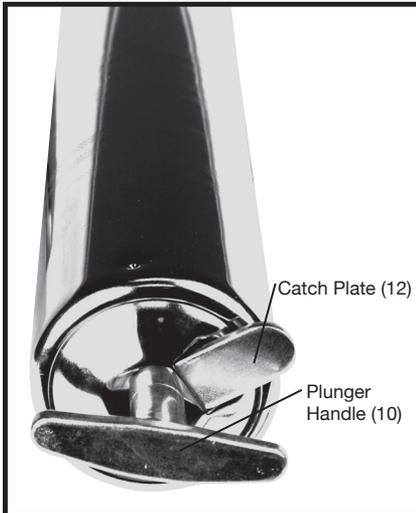
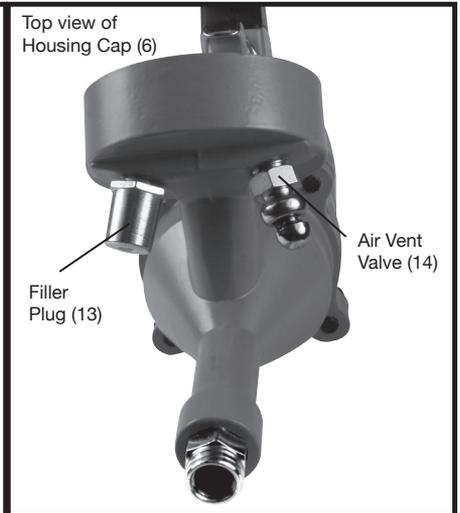


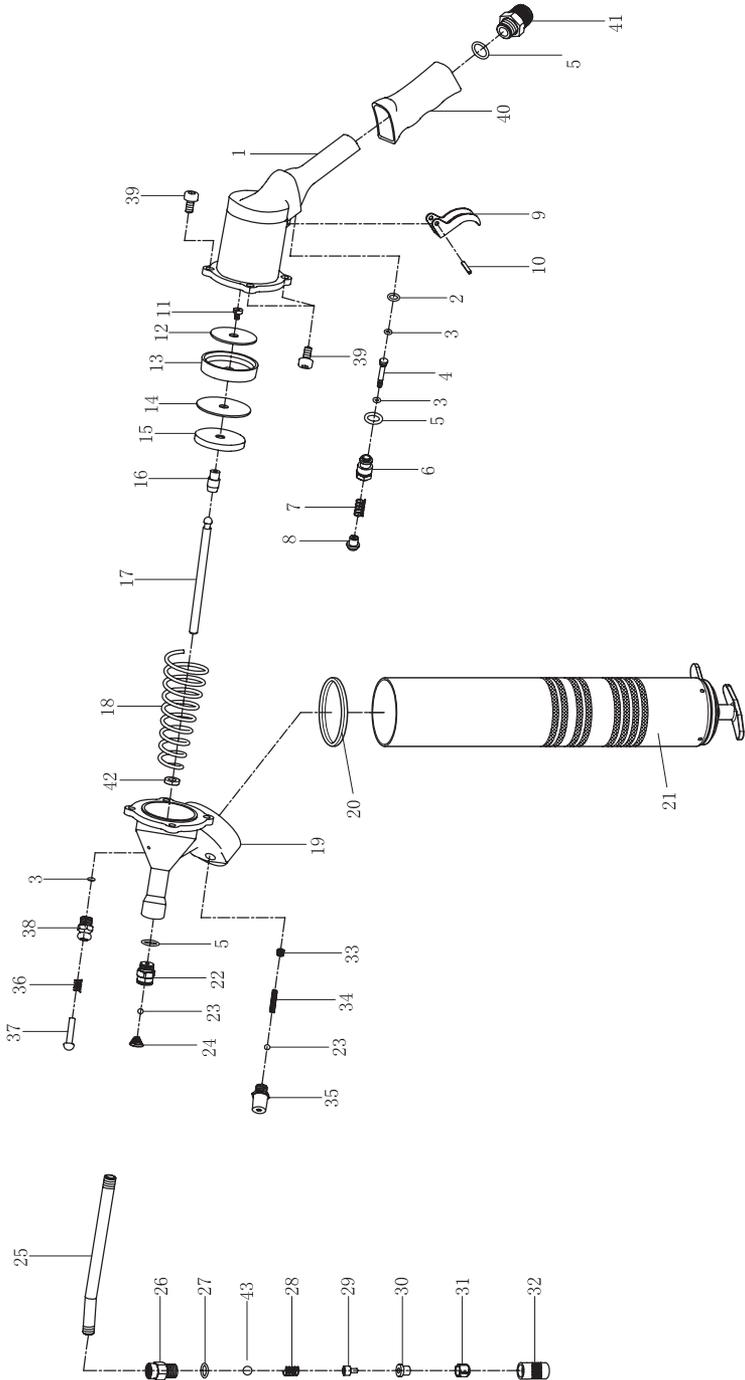
FIG. C



EXPANDED PARTS LIST

No.	Part #	Description	Quantity
1	295001-1	Housing	1
2	295002-1	O-Ring	1
3	295003-1	O-Ring	3
4	295004-1	Valve Stem	1
5	295005-1	O-Ring	2
6	295006-1	Valve	1
7	295007-1	Spring	1
8	295008-1	Valve Plug	1
9	295009-1	Trigger	1
10	295010-1	Trigger Pin	1
11	295011-1	Screw	1
12	295012-1	Washer	1
13	295013-1	Rubber Cup	1
14	295014-1	Washer	1
15	295015-1	Spring Seat	1
16	295016-1	Piston Seat	1
17	295017-1	Lever	1
18	295018-1	Tower Spring	1
19	295019-1	Connection	1
20	395047-1	Washer	1
21	395048-1	Container Tube	1
22	295022-1	Screw	1
23	295023-1	Steel Ball	2
24	295024-1	Tower Spring	1
25	295025-1	Tube	1
26	295026-1	Screw	1
27	295027-1	O-Ring	2
28	295028-1	Spring	1
29	295029-1	Rubber Seat	1
30	295030-1	Bushing	1
31	295031-1	Arc Board	4
32	295032-1	Retainer	1
33	295033-1	Screw	1
34	295034-1	Spring	1
35	295035-1	Valve	1
36	295036-1	Spring	1
37	295037-1	Valve Stem	1
38	295038-1	Vacuum Valve	1
39	295039-1	Screw	4
40	295040-1	Cover	1
41	297007-1	Air Inlet	1
42	295042-1	Washer	1
43	395040-1	Steel Ball	1

EXPANDED PARTS LIST



OPERATION

OPERATING THE GREASE GUN

NOTE: If your application requires the Flexible Hose (11), attach it to the Bent Spout (7).

▲WARNING: Before every use, prime the Grease Gun by operating the Gun (see below) until grease flows from the tip. If it does not prime properly, follow the directions above for venting trapped air.

1. Attach the Grease Gun to the air source hose following the directions on page four. Set the air compressor to 90 PSI.
2. Squeeze and release the Trigger (3) to begin the flow of grease.
3. Pulse the trigger to continue the flow of grease, release to stop the flow of grease.
4. Disconnect from the air source hose before refilling the Grease Gun. Turn off the air compressor.

▲WARNING: The Grease Gun may still have air pressure after disconnected from the air source. Point the Grease Gun into a suitable receptacle and fire it until all of the air is expended.

GREASE LOADING INSTRUCTIONS

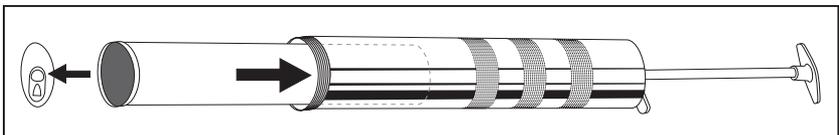
Grease can be loaded into the Grease Gun by: loading with a filler pump, using suction filling, or loading with a cartridge.

▲WARNING: Disconnect the Grease Gun from the air supply before filling.

Loading A Grease Cartridge

1. Remove the Container Tube (8) from the top of the Housing Cap (6).
2. Pull back on the Plunger Handle (10) until it is fully extended. Lock it into place with the Catch Plate (12).
3. Remove the caps/lids from both ends of the cartridge (not included). Insert the cartridge into the Container Tube (8) in the orientation indicated on the cartridge, making sure that it is in as far as possible. (See fig. D)
4. Reassemble the Container Tube (8) to the top on the Housing Cap (6). Press the Catch Plate (12) and release the Plunger Handle (10). Press the Plunger Handle (10) in as far as it will go.

FIG. D

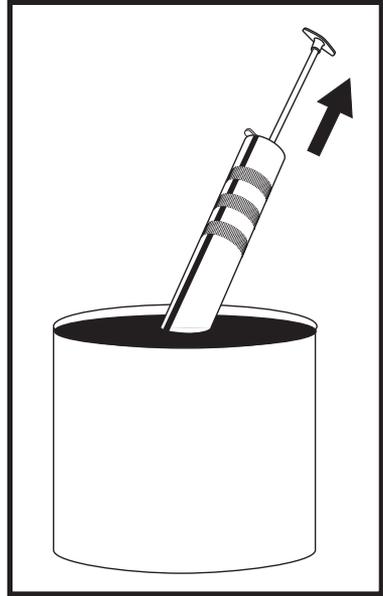


OPERATION

SUCTION FILLING

1. Remove the Container Tube (8) from the top of the Housing Cap (6).
2. Submerge the open end of the Container Tube (8) approximately 2 inches into the grease container (not included). (See fig. E)
3. Slowly, pull back and fully extend the Plunger Handle (10) to draw grease upward into the Container Tube (8). When the Plunger Handle (10) is fully extended, lock it into place with the Catch Plate (12).
4. Carefully, reassemble the Container Tube (8) to the top on the Housing Cap (6). Press the Catch Plate (12) and release the Plunger Handle (10). Press the Plunger Handle (10) in as far as it will go.

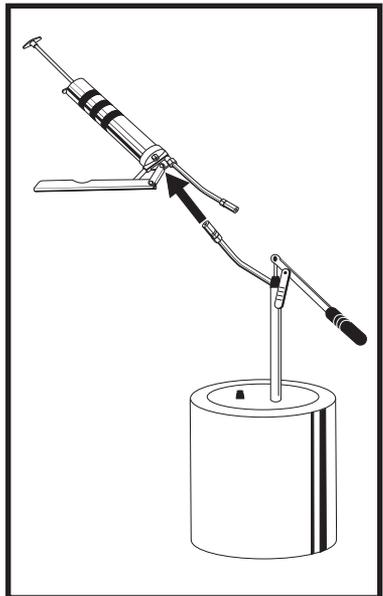
FIG. E



LOADING WITH A FILLER PUMP

1. Slowly, pull back and fully extend the Plunger Handle (10). Lock it into place with the Catch Plate (12).
2. Insert the Filler Plug on the end of the hose of the Filler Pump into the Filler Plug (13). (See fig. F)
3. Follow the instructions provided in the filler pump manual (not included) to operate the filler pump until the Container Tube (8) is full.
4. Disconnect the Grease Gun from the Filler Pump.
5. Press the catch plate and release the plunger handle. Press the plunger handle in as far as it will go.

FIG. F



AIR SOURCE

Clean air of correct air pressure is recommended for the power supply for this tool. A maximum of 90 PSI at the tool is recommended for most air tools of this class. Check specifications section for recommended pressure. (Depending on length of air hose and other circumstances, air pressure at compressor may need to be increased to 100 PSI to ensure 90 PSI at the tool.)

Water in the air hose and compressor tank contributes to reduced performance and damage of the air tool. Drain the air tank and filters before each use and as necessary to keep the air supply dry.

Hose length over 25 ft. causes loss in line pressure. Increase hose I.D. or increase compressor pressure to compensate for the pressure loss. Use an in-line pressure regulator with gauge if air inlet pressure is critical.

LUBRICATION & MAINTENANCE

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Drain water from hoses and compressor tank. Water in the air supply line will cause gumming and loss of power. Clean the air filter on the supply line and flush the tool with gum solvent or a 50/50 mix of air tool oil and kerosene. It may be necessary to disassemble the tool to properly clean and re-lubricate.

After each use, clean leftover grease from the Tube (18). Make sure the Nozzle (10) and the tip of the Grease Gun are clear of dirt, grease, or any debris. Wipe down the unit with a lint free cloth.



Yes



No

LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above.

The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.