

A4B Airless Manual Spray Gun

Customer Product Manual

Part 107973J02

Issued 05/08

**For parts and technical support, call the
Finishing Customer Support Center at (800) 433-9319.**

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Contact Us

Nordson Corporation welcomes requests for information, comments, and inquiries about its products. General information about Nordson can be found on the Internet using the following address:
<http://www.nordson.com>.

Address all correspondence to:

Nordson Corporation
 Attn: Customer Service
 555 Jackson Street
 Amherst, OH 44001

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A4B Airless Manual Spray Gun

Safety

Read and follow these safety instructions. Task- and equipment-specific warnings, cautions, and instructions are included in equipment documentation where appropriate.

Make sure all equipment documentation, including these instructions, is accessible to persons operating or servicing equipment.

Qualified Personnel

Equipment owners are responsible for making sure that Nordson equipment is installed, operated, and serviced by qualified personnel. Qualified personnel are those employees or contractors who are trained to safely perform their assigned tasks. They are familiar with all relevant safety rules and regulations and are physically capable of performing their assigned tasks.

Intended Use

Use of Nordson equipment in ways other than those described in the documentation supplied with the equipment may result in injury to persons or damage to property.

Some examples of unintended use of equipment include

- using incompatible materials
- making unauthorized modifications
- removing or bypassing safety guards or interlocks
- using incompatible or damaged parts
- using unapproved auxiliary equipment
- operating equipment in excess of maximum ratings

Regulations and Approvals

Make sure all equipment is rated and approved for the environment in which it is used. Any approvals obtained for Nordson equipment will be voided if instructions for installation, operation, and service are not followed.

Personal Safety

To prevent injury follow these instructions.

- Do not operate or service equipment unless you are qualified.
- Do not operate equipment unless safety guards, doors, or covers are intact and automatic interlocks are operating properly. Do not bypass or disarm any safety devices.
- Keep clear of moving equipment. Before adjusting or servicing moving equipment, shut off the power supply and wait until the equipment comes to a complete stop. Lock out power and secure the equipment to prevent unexpected movement.
- Relieve (bleed off) hydraulic and pneumatic pressure before adjusting or servicing pressurized systems or components. Disconnect, lock out, and tag switches before servicing electrical equipment.
- While operating manual spray guns, make sure you are grounded. Wear electrically conductive gloves or a grounding strap connected to the gun handle or other true earth ground. Do not wear or carry metallic objects such as jewelry or tools.
- If you receive even a slight electrical shock, shut down all electrical or electrostatic equipment immediately. Do not restart the equipment until the problem has been identified and corrected.
- Obtain and read Material Safety Data Sheets (MSDS) for all materials used. Follow the manufacturer's instructions for safe handling and use of materials, and use recommended personal protection devices.
- Make sure the spray area is adequately ventilated.
- To prevent injury, be aware of less-obvious dangers in the workplace that often cannot be completely eliminated, such as hot surfaces, sharp edges, energized electrical circuits, and moving parts that cannot be enclosed or otherwise guarded for practical reasons.

High-Pressure Fluids

High-pressure fluids, unless they are safely contained, are extremely hazardous. Always relieve fluid pressure before adjusting or servicing high pressure equipment. A jet of high-pressure fluid can cut like a knife and cause serious bodily injury, amputation, or death. Fluids penetrating the skin can also cause toxic poisoning.

If you suffer a fluid injection injury, seek medical care immediately. If possible, provide a copy of the MSDS for the injected fluid to the health care provider.

The National Spray Equipment Manufacturers Association has created a wallet card that you should carry when you are operating high-pressure spray equipment. These cards are supplied with your equipment. The following is the text of this card:



WARNING: Any injury caused by high pressure liquid can be serious. If you are injured or even suspect an injury:

- Go to an emergency room immediately.
- Tell the doctor that you suspect an injection injury.
- Show him this card
- Tell him what kind of material you were spraying

MEDICAL ALERT—AIRLESS SPRAY WOUNDS: NOTE TO PHYSICIAN

Injection in the skin is a serious traumatic injury. It is important to treat the injury surgically as soon as possible. Do not delay treatment to research toxicity. Toxicity is a concern with some exotic coatings injected directly into the bloodstream.

Consultation with a plastic surgeon or a reconstructive hand surgeon may be advisable.

The seriousness of the wound depends on where the injury is on the body, whether the substance hit something on its way in and deflected causing more damage, and many other variables including skin microflora residing in the paint or gun which are blasted into the wound. If the injected paint contains acrylic latex and titanium dioxide that damage the tissue's resistance to infection, bacterial growth will flourish. The treatment that doctors recommend for an injection injury to the hand includes immediate decompression of the closed vascular compartments of the hand to release the underlying tissue distended by the injected paint, judicious wound debridement, and immediate antibiotic treatment.

Fire Safety

To avoid a fire or explosion, follow these instructions.

- Ground all conductive equipment. Use only grounded air and fluid hoses. Check equipment and workpiece grounding devices regularly. Resistance to ground must not exceed one megohm.
- Shut down all equipment immediately if you notice static sparking or arcing. Do not restart the equipment until the cause has been identified and corrected.
- Do not smoke, weld, grind, or use open flames where flammable materials are being used or stored.
- Do not heat materials to temperatures above those recommended by the manufacturer. Make sure heat monitoring and limiting devices are working properly.

Fire Safety (contd)

- Provide adequate ventilation to prevent dangerous concentrations of volatile particles or vapors. Refer to local codes or your material MSDS for guidance.
- Do not disconnect live electrical circuits when working with flammable materials. Shut off power at a disconnect switch first to prevent sparking.
- Know where emergency stop buttons, shutoff valves, and fire extinguishers are located. If a fire starts in a spray booth, immediately shut off the spray system and exhaust fans.
- Shut off electrostatic power and ground the charging system before adjusting, cleaning, or repairing electrostatic equipment.
- Clean, maintain, test, and repair equipment according to the instructions in your equipment documentation.
- Use only replacement parts that are designed for use with original equipment. Contact your Nordson representative for parts information and advice.

Halogenated Hydrocarbon Solvent Hazards

Do not use halogenated hydrocarbon solvents in a pressurized system that contains aluminum components. Under pressure, these solvents can react with aluminum and explode, causing injury, death, or property damage. Halogenated hydrocarbon solvents contain one or more of the following elements:

<u>Element</u>	<u>Symbol</u>	<u>Prefix</u>
Fluorine	F	“Fluoro-”
Chlorine	Cl	“Chloro-”
Bromine	Br	“Bromo-”
Iodine	I	“Iodo-”

Check your material MSDS or contact your material supplier for more information. If you must use halogenated hydrocarbon solvents, contact your Nordson representative for information about compatible Nordson components.

Action in the Event of a Malfunction

If a system or any equipment in a system malfunctions, shut off the system immediately and perform the following steps:

- Disconnect and lock out system electrical power. Close hydraulic and pneumatic shutoff valves and relieve pressures.
- Identify the reason for the malfunction and correct it before restarting the system.

Disposal

Dispose of equipment and materials used in operation and servicing according to local codes.

Safety Label

Table 1 contains the text of the safety label on this equipment. The safety label is provided to help you operate and maintain your equipment safely. See Figure 1 for the location of the safety label.

Table 1 Safety Label

Item	Part	Description
1.	232886	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">    </div> <div> <ul style="list-style-type: none"> • WARNING Read manual before using. Use the equipment only as described in the manual. Use of this equipment in ways other than described in the manual may result in personal injury, property and equipment damage, or death. • WARNING Fire hazard. Static voltage is produced by airless spraying. Watch for fire hazard, especially when spraying flammable materials. The gun and all parts being sprayed must be grounded properly. Use the proper fluid hose for your gun. Do not smoke in the spray area. • WARNING Injection hazard. Do not go near a known leak in a hose or fitting, and stay clear of all spray nozzles or orifices. Do not point an applicator at yourself or other personnel. The injection of high-pressure fluid into the body can cause serious injury or death. </div> </div>
—	247648	<p>INJECTION MEDICAL ALERT CARD Additional copies of this card are available from Nordson.</p>

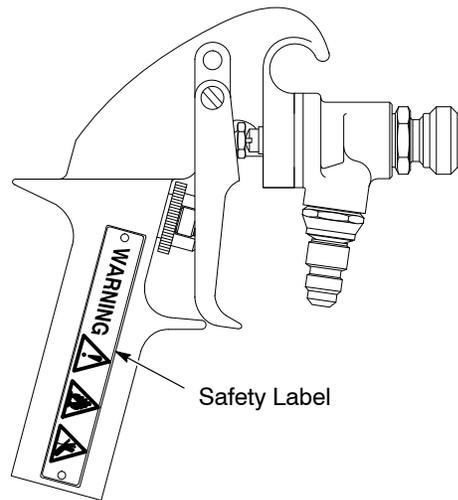


Figure 1 Safety Label Location

Description

See Figure 2. The model A4B airless manual spray gun is a lightweight spray gun that can be used in both heated and unheated, circulating and non-circulating spray systems. See Table 2. Table 2 lists the various versions available for the model A4B airless hand gun.

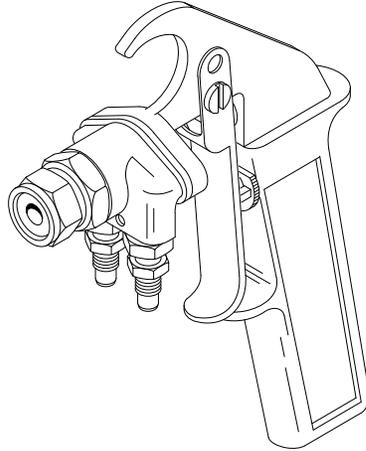


Figure 2 Model A4B Airless Manual Spray Gun — Circulating Version

Table 2 A4B airless manual spray gun versions

Circulating		Non-Circulating	
152200	Basic	152320	Basic
152480	Stainless steel	152450	Stainless steel

NOTE: The optional safety shut-off device will not permit a flow of material from the gun when the nozzle is removed. The optional trigger guard prevents accidental triggering. The trigger lock prevents trigger movement.

Specifications

Measurements

- Weight: 0.45–0.56 kg (16–20 oz)
- Height: 171.5 mm (6.75 in.)
- Length: 158.8 mm (6.25 in.)
- Width: 44.5 mm (1.75 in.)
- Width: 44.5 mm (1.75 in.)
- Max. Operating Pressure:
 - Basic Gun 207 bar (3000 psi)
 - Stainless Gun 103 bar (1500 psi)

Fittings

- Standard guns: $1/2$ -20 JIC swivel fittings
- Stainless steel guns: $1/2$ -20 JIC stainless steel rigid fittings
- These fittings are used with $1/4$ -in. and $3/16$ -in. ID hose. You can use $9/16$ -18 JIC rigid fittings for $5/16$ -in. ID hose on standard guns.
- When more flexibility is needed, use one or two whip hoses. Use $3/16$ ID x 42-in. hose and a connector to connect to the longer feed hose. Refer to the *Parts* section for ordering information.

Maintenance



WARNING: Before operating or performing any maintenance procedures on this equipment, read and observe the safety precautions described in this manual.

NOTE: Because of its simple construction, the A4B airless manual spray gun requires very little routine maintenance beyond cleaning.

- **Periodically**, oil the trigger pivot and stop sleeve.
- **Frequently**, flush the gun with a solvent compatible with the coating material used, to keep the needle and seat clean. Strong solvents such as ketones may attack and damage the O-ring seals in the swivel fittings and the packing gland, requiring their replacement.

Troubleshooting



WARNING: Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

These troubleshooting procedures cover only the most common problems. If you cannot solve a problem with the information given here, contact your local Nordson representative for help.

Problem	Possible Cause	Corrective Action
1. Leaking around nozzle or ball and seat assembly	Dirty or damaged metal-to-metal sealing surfaces	Remove and clean nozzle or ball and seat assembly.
2. Spitting	Dirty or worn ball and seat assembly	Clean or replace ball and seat assembly.
3. Leaking around packing cartridge	Worn or damaged cartridge O-ring or packing	Replace O-ring or packing cartridge.
4. Leaking around swivel fitting	Worn swivel or swivel O-rings	Replace entire swivel fitting or use kit to replace swivel seals.

Repair

Disassembly



WARNING: Turn off main air supply to the pump; trigger the manual gun to relieve line pressure; and open and close the filter drain-off valve before removing the fluid hoses from the gun.

See Figure 3.

1. Remove the nozzle retaining nut (1) and nozzle.
2. Remove the safety shut-off (2), if used.
3. Depress the trigger (17) to pull the ball needle (4) away from the seat (3). Remove the seat.
4. Remove the pan head screw (14), pivot (13), and trigger (17). Note the way the packing cartridge (5) wire fits into the slot in the trigger. This will help you to correctly reinstall the trigger.
5. Remove the screws (12) and washers (11) and separate the head (6) from the gun handle.
6. Remove the insulators (10), sleeve (8), and gasket (7).
7. Pull or push the ball needle (4) and packing cartridge (5) forward out of the head (6).
8. Unscrew the ball needle (4) from the packing cartridge (5). Use one wrench on the spring end hex flats to hold the packing cartridge still and another wrench to unscrew the ball needle.
9. Remove the fitting(s) (20) from the head.
10. Remove the O-ring from the fitting(s) (20). If swivel fittings seals are to be replaced, pry the PTFE ring and O-ring from the swivel fittings with a pointed tool (such as an O-ring pick).
11. Remove the screw (19), trigger lock (18), bowed washer (16), and bushing (15) from the handle.
12. Remove the stop sleeve (9) from the handle.

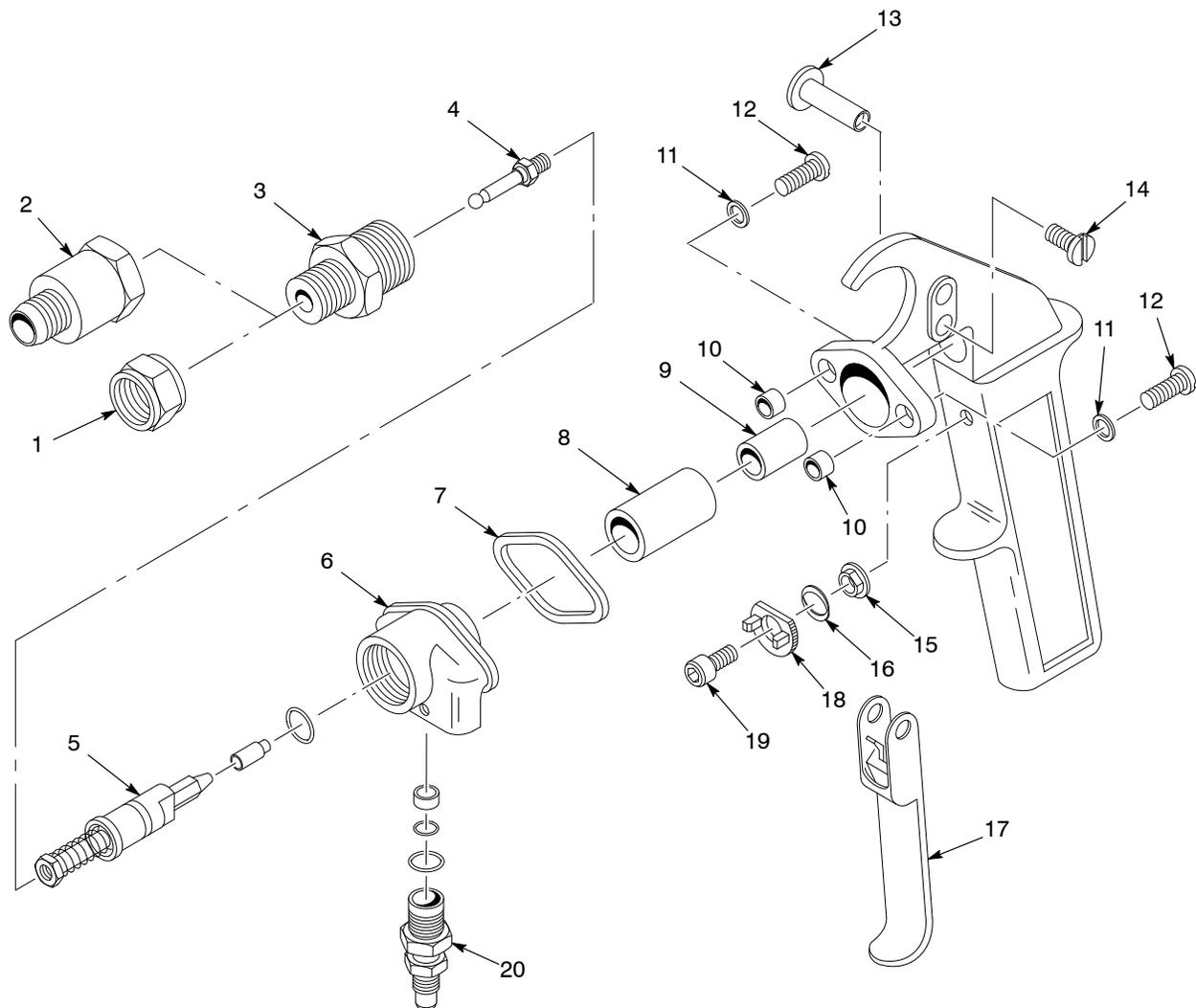
Disassembly (contd)

Figure 3 Disassembling the Gun (Circulating Head and Safety Shut-Off Shown)

- | | | |
|----------------------|--------------------|-----------------------|
| 1. Retaining nut | 8. Sleeve | 15. Bushing |
| 2. Safety shut-off | 9. Stop sleeve | 16. Bowed washer |
| 3. Seat | 10. Insulators | 17. Trigger |
| 4. Ball needle | 11. Washers | 18. Trigger lock |
| 5. Packing cartridge | 12. Screws | 19. Socket head screw |
| 6. Head | 13. Pivot | 20. Swivel fitting |
| 7. Gasket | 14. Pan head screw | |

Assembly

See Figure 3 and 4, as directed. Clean the parts before assembly. Use solvent sparingly on O-rings, seals, insulators, and gaskets. Soaking these components in solvent for long periods of time can damage them. Wipe all parts dry before assembly. Inspect the packing cartridge, ball and seat, O-rings, seals, and insulators for damage or wear. Replace as necessary.

1. See Figure 3. Install the bushing (15), bowed washer (16), trigger lock (18), and socket head screw (19) onto the gun handle.
2. Apply a light coating of general purpose grease to the stop sleeve (9) and insert it into the gun handle.
3. Install the O-rings and PTFE seals, if used, on fittings (20), and install fitting(s) into the head.
4. Screw the ball needle (4) onto the packing cartridge (5) and tighten securely.
5. Apply O-ring grease to the outside of the packing cartridge (5) and O-ring and install them into the head (6).
6. Install the insulator sleeve (8) into the handle. Hold the gasket (7) in place and install the head (6) onto the handle, making sure that the end of the packing cartridge (5) slides into the stop sleeve (9).
7. Install the insulators (10), washers (11), and screws (12) into the handle to secure the head (6) to the handle. Tighten the screws securely.
8. See Figure 4. To install the trigger:
 - a. Locate the end of the packing cartridge placed inside the stop sleeve (1).
 - b. Slide the trigger (3) over the packing cartridge (4) so that the packing cartridge fits into the trigger slot, as shown.
 - c. See Figure 3. Secure the trigger (17) to the handle with the pivot (13) and screw (14). Tighten the screw securely.
9. See Figure 3. Apply a light coat of grease to the threads of the seat (3) at the end that goes into the head (6). Depress the trigger (17) to retract the packing cartridge (5) slightly. Screw the seat into the head; and tighten securely.
10. Install the safety shut-off (2), if used, nozzle, and retaining nut (1). Tighten the retaining nut $\frac{1}{4}$ of a turn.
11. Lock the trigger (17) with the trigger lock (18).
12. Attach the hose(s) to the fitting(s) (20).

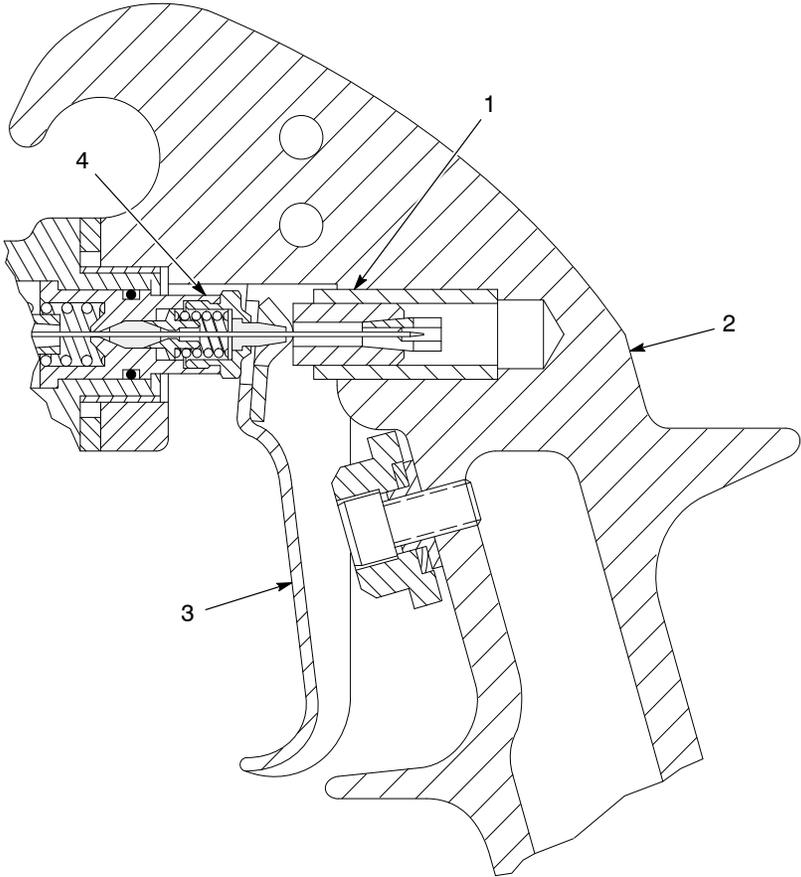


Figure 4 Correct Trigger Installation

- 1. Stop sleeve
- 2. Handle
- 3. Trigger
- 4. Packing cartridge

Parts

To order parts, call the Nordson Finishing Customer Support Center at (800) 433-9319 or contact your local Nordson representative.

Using the Illustrated Parts List

Numbers in the Item column correspond to numbers that identify parts in illustrations following each parts list. The code NS (not shown) indicates that a listed part is not illustrated. A dash (—) is used when the part number applies to all parts in the illustration.

The number in the Part column is the Nordson Corporation part number. A series of dashes in this column (-----) means the part cannot be ordered separately.

The Description column gives the part name, as well as its dimensions and other characteristics when appropriate. Indentions show the relationships between assemblies, subassemblies, and parts.

- If you order the assembly, items 1 and 2 will be included.
- If you order item 1, item 2 will be included.
- If you order item 2, you will receive item 2 only.

The number in the Quantity column is the quantity required per unit, assembly, or subassembly. The code AR (As Required) is used if the part number is a bulk item ordered in quantities or if the quantity per assembly depends on the product version or model.

Letters in the Note column refer to notes at the end of each parts list. Notes contain important information about usage and ordering. Special attention should be given to notes.

Item	Part	Description	Quantity	Note
—	0000000	Assembly	1	
1	000000	• Subassembly	2	A
2	000000	• • Part	1	

Circulating Gun Parts

See Figure 5.

Item	Part	Part	Part	Description	Quantity	Note
—	152200			Gun, A4B, circulating, basic gun	—	
—		-----		Gun w/safety, A4B, circulating	—	C
—			152480	Gun, A4B, circulating, stainless steel	—	
1	-----	-----	-----	• Handle, gun, A4B	1	A
2	981064	981064	981064	• Screw, pan, 8-32 x 0.375 in., sl, zn	1	B
3	152280	152280	152280	• Pivot, trigger	1	B
4	981106	981106	981106	• Screw, fillister, 10-24 x 0.937 in., slotted, zinc	2	A
5	152231	152231	152231	• Washer, insulating	2	A
6	152229	152229	152229	• Insulator, screw	2	A
7	152284	152284	152284	• Sleeve, stop	1	
8	152218	152218	152218	• Sleeve, insulating	1	A
9	152220	152220	152220	• Gasket, insulating	1	A
10	152293	152293	152293	• Bushing	1	
11	983600	983600	983600	• Washer, bowed	1	
12	156187	156187	156187	• Lock, trigger	1	
13	981209	981209	981209	• Screw, socket, 1/4-28 x 0.500 in., zinc	1	
14	245905	245905	245905	• Trigger	1	B
NOTE	<p>A: These parts are available in the handle service kit, part 152 283.</p> <p>B: These parts are available in the new style trigger service kit, part 106 368.</p> <p>C: The circulating A4B gun with safety is no longer available. However most replacement parts may be ordered as listed.</p>					

Continued on next page

14 A4B Airless Manual Spray Gun

Item	Part	Part	Part	Description	Quantity	Note
15	152204	152204	152481	• Head	1	
16	152232	152232	152375	• Cartridge, packing	1	
17	940128	940128	940128	• • O-ring, Viton, blk, 0.375 x 0.500 in.	1	
18	153141	153141	153141	• Needle & seat	1	
19	152290	152290	152496	• Nut, retaining	1	
20		159001		• Valve, shutoff, safety	1	
21	152260	152260		• Fitting, swivel	2	
22	152270	152270		• • Ring, PTFE	1	
23	940102	940102		• • O-ring, Buna-N, 0.250 x 0.375 x 0.063 in.	1	
24	940140	940140		• • O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	1	
25		159012		• Guard, trigger	1	
26		981020		• Screw, pan, 6-32 x 0.250 in., sl, zn	2	
27			245899	• Fitting, hose, rigid	2	
28			940140	• O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	1	
NS	152999	152999	152999	• Wrench	1	
NS	247648	247648	247648	• Card, medical alert, injection	1	
NS	901905	901905	901905	• Brush	1	
NS: Not Shown						

Non-Circulating Gun Parts

See Figure 5.

Item	Part	Part	Part	Description	Quantity	Note
—	152320			Gun, A4B, non-circulating, basic gun	—	
—		-----		Gun w/safety, A4B, non-circulating	—	A
—			152450	Gun, A4B, non-circulating, stainless steel	—	
1	-----	-----	-----	• Handle, gun, A4B	1	B
2	981064	981064	981064	• Screw, pan, 8-32 x 0.375 in., slotted, zinc	1	C
3	152280	152280	152280	• Pivot, trigger	1	C
4	981106	981106	981106	• Screw, fillister, 10-24 x 0.937 in., slotted, zinc	2	B, D
5	152231	152231	152231	• Washer, insulating	2	B, D
6	152229	152229	152229	• Insulator, screw	2	B, D
7	152284	152284	152284	• Sleeve, stop	1	
8	152218	152218	152218	• Sleeve, insulating	1	B, D
9	152220	152220	152220	• Gasket, insulating	1	B, D
10	152293	152293	152293	• Bushing	1	
11	983600	983600	983600	• Washer, bowed	1	
12	156187	156187	156187	• Lock, trigger	1	
13	981209	981209	981209	• Screw, socket, 1/4-28 x 0.500 in., zinc	1	
14	245905	245905	245905	• Trigger	1	C
15	246045	246045	152451	• Head	1	D, E

NOTE A: The non-circulating A4B gun w/safety is no longer available. However, most replacement parts may be ordered as listed.

B: These parts are available in the handle service kit, part 152 283.

C: These parts are available in the new style trigger service kit, part 106 368.

D: These parts are available in the non-circulating head service kit, part 106 299.

E: These parts are available in the non-circulating head service kit, part 106 299, with the exception of the parts for the stainless steel non-circulating gun, part 152 450. This kit does not contain the gun head or swivel fitting for the stainless steel model.

Continued on next page

Item	Part	Part	Part	Description	Quantity	Note
16	152232	152232	152375	• Cartridge, packing	1	
17	940128	940128	940128	• • O-ring, Viton, black, 0.375 x 0.500 in.	1	
18	153141	153141	153141	• Needle and seat	1	
19	152290	152290	152496	• Nut, retaining	1	
20		159001		• Valve, shutoff, safety	1	
21	152260	152260		• Fitting, swivel	1	B, C
22	152270	152270		• • Ring, PTFE	1	
23	940102	940102		• • O-ring, Buna-N, 0.250 x 0.375 x 0.063 in.	1	
24	940140	940140		• • O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	1	
25				• Guard, trigger	1	
26				• Screw, pan, 6-32 x 0.250 in., slotted, zinc	2	
27			245899	• Fitting, hose, rigid	1	
28			940140	• O-ring, hot paint, 0.500 x 0.625 x 0.063 in.		
NS	152999	152999	152999	• Wrench	1	
NS	247648	247648	247648	• Card, medical alert, injection	1	
NS	901905	901905	901905	• Brush	1	
NOTE	<p>B: These parts are available in the non-circulating head service kit, part 106 299.</p> <p>C: These parts are available in the non-circulating head service kit, part 106 299, with the exception of the parts for the stainless steel non-circulating gun, part 152 450. This kit does not contain the gun head or swivel fitting for the stainless steel model.</p>					
NS:	Not Shown					

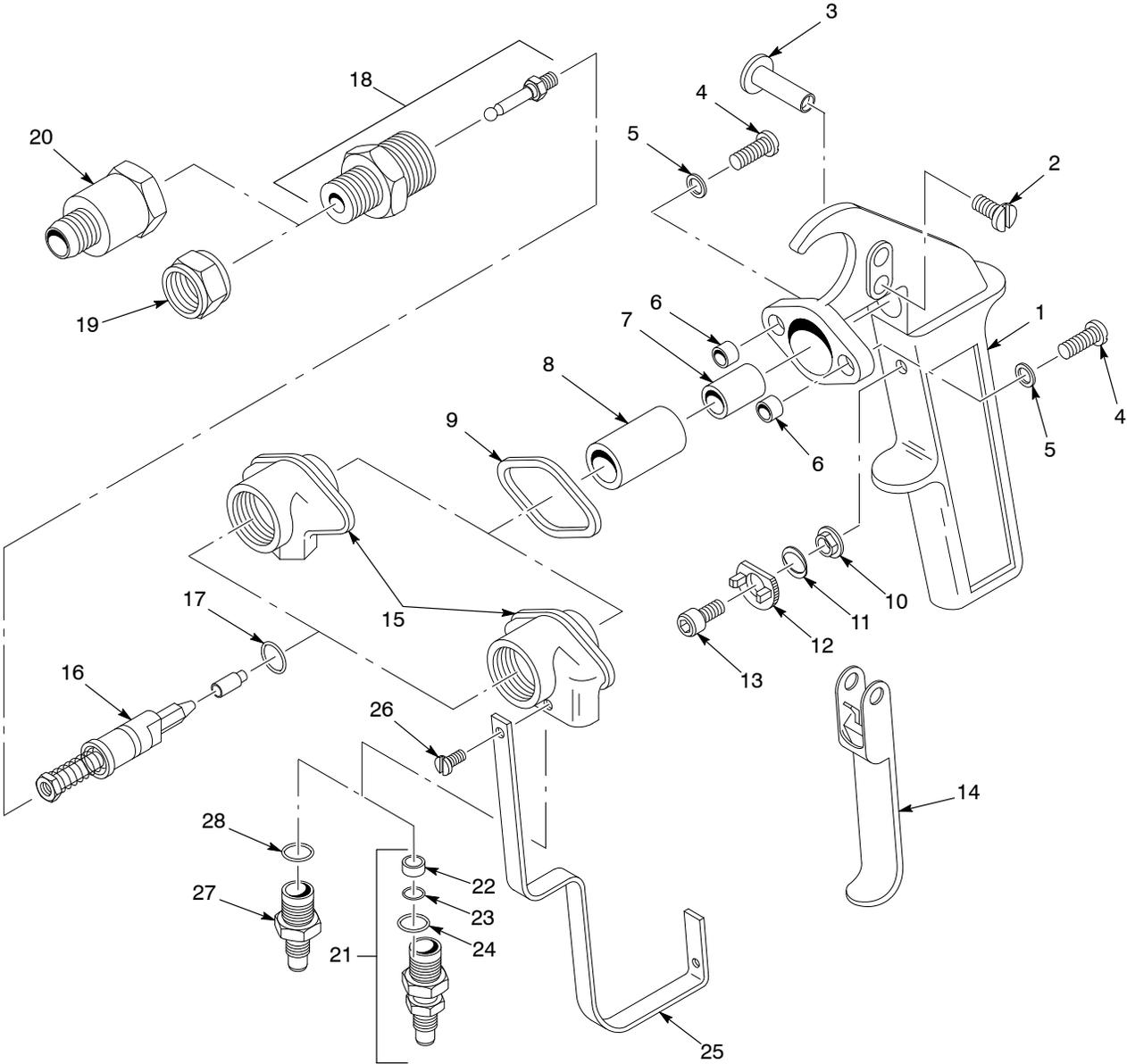


Figure 5 Exploded View of Gun Assemblies

Circulating Head Service Kit

See Figure 6

Item	Part	Description	Quantity	Note
—	152203	Service kit, head, circulating	1	
4	152218	• Sleeve, insulating	1	
5	152220	• Gasket, insulating	1	
6	152204	• Head, circulating	1	

Non-Circulating Head Service

See Figure 6

Item	Part	Description	Quantity	Note
—	106299	Service kit, head	—	
1	981106	• Screw, fillister, 10-24 x 0.937 in., slotted, zinc	2	
2	152231	• Washer, insulating	2	
3	152229	• Insulator, screw	2	
4	152218	• Sleeve, insulating	1	
5	152220	• Gasket, insulating	1	
6	246045	• Head	1	
7	152260	• Fitting, swivel	1	
8	152270	• • Ring, PTFE	1	
9	940102	• • O-ring, Buna-N, 0.250 x 0.375 x 0.063 in.	1	
10	940140	• • O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	1	

New Style Service Kit (Post-1983)

See Figure 6

Item	Part	Description	Quantity	Note
—	106368	Service kit, trigger, new style	—	
11	152280	• Pivot, trigger	1	
12	981064	• Screw, pan, 8-32 x 0.375 in., slotted, zinc	1	
14	245905	• Trigger	1	

Old Style Trigger Service Kit (Pre-1983)

See Figure 6

Item	Part	Description	Quantity	Note
—	106221	Service kit, trigger, old style	—	
11	152280	• Pivot, trigger	1	
12	981064	• Screw, pan, 8-32 x 0.375, slotted, zinc	1	
13	152278	• Trigger, old style	1	

Handle Kit

Item	Part	Description	Quantity	Note
—	152283	Service kit, handle	—	
1	981106	• Screw, fillister head, 10-24 x 0.937, slotted, zinc	2	
2	152231	• Washer, insulating	2	
3	152229	• Insulator, screw	2	
4	152218	• Sleeve, insulating	1	
5	152220	• Gasket, insulating	1	
15	-----	• Handle, gun, A4B	1	

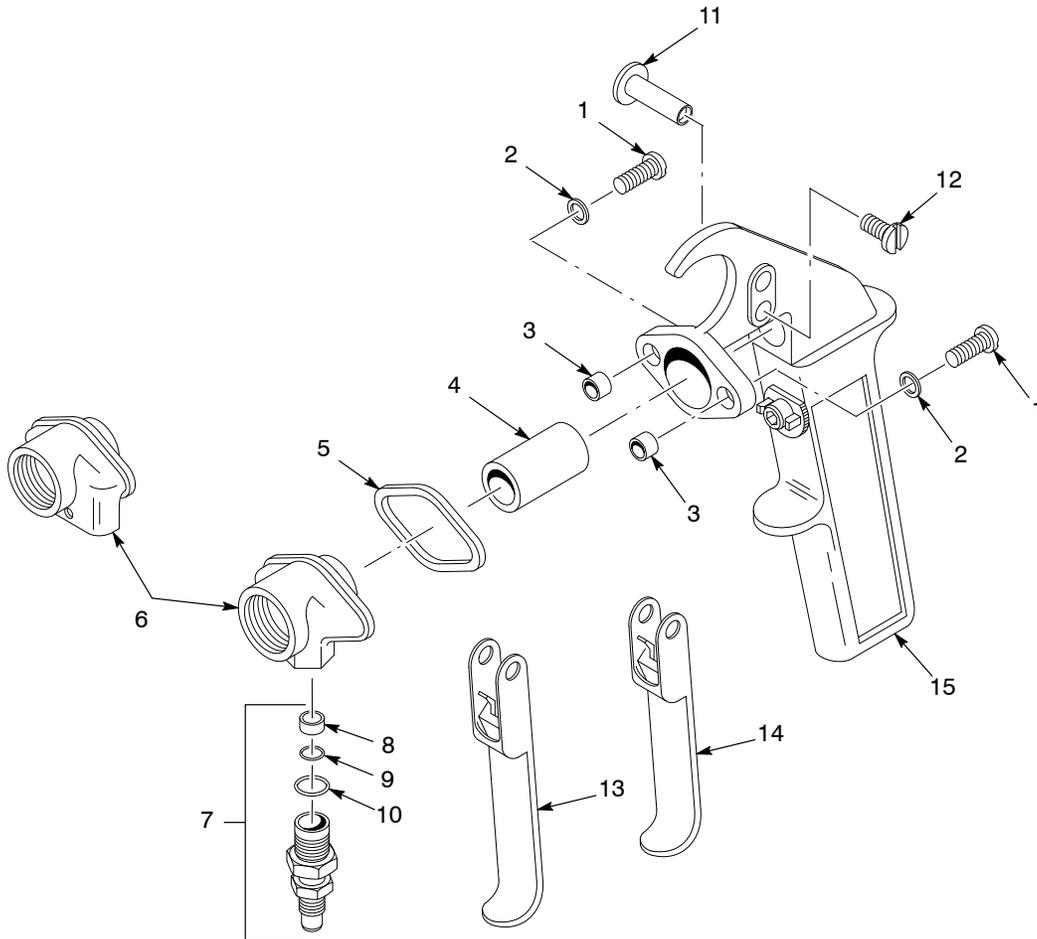


Figure 6 Head and Trigger Service Kit

A4B Rebuild Service Kit

See Figure 7. The rebuild kit replaces the standard gun packing cartridge. The needle and seat, swivel fitting seals, gun-to-head fasteners, and insulators listed here are used for all versions of the A4B airless hand gun.

Item	Part	Description	Quantity	Note
—	106252	Service kit, rebuild, A4B	—	
1	981106	• Screw, fillister, 10-24 x 0.937 in., slotted, zinc	2	
2	152231	• Washer, insulating	2	
3	152229	• Insulator, screw	2	
4	152218	• Sleeve, insulating	1	
5	152220	• Gasket, insulating	1	
6	152270	• Ring, PTFE	2	
7	940102	• O-ring, Buna-N, 0.250 x 0.375 x 0.063 in.	2	
8	940140	• O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	2	
9	940128	• O-ring, Viton, black, 0.375 x 0.500 in.	1	
10	152232	• Cartridge packing	1	
11	153141	• Needle & seat	1	

Airless Manual Gun Service Kit

See Figure 7. This kit replaces the swivel fitting seals and gun-to-head fasteners and insulators.

Item	Part	Description	Quantity	Note
—	106223	Service kit, airless hand gun	—	
1	981106	• Screw, fillister, 10-24 x 0.937 in., slotted	2	
2	152231	• Washer, insulating	2	
3	152229	• Insulator, screw	2	
4	152218	• Sleeve, insulating	1	
5	152220	• Gasket, insulating	1	
6	152270	• Ring, PTFE	2	
7	940102	• O-ring, Buna-N, 0.250 x 0.375 x 0.063 in.	2	
8	940140	• O-ring, hot paint, 0.500 x 0.625 x 0.063 in.	2	
9	940128	• O-ring, Viton, black, 0.375 x 0.500 in.	1	

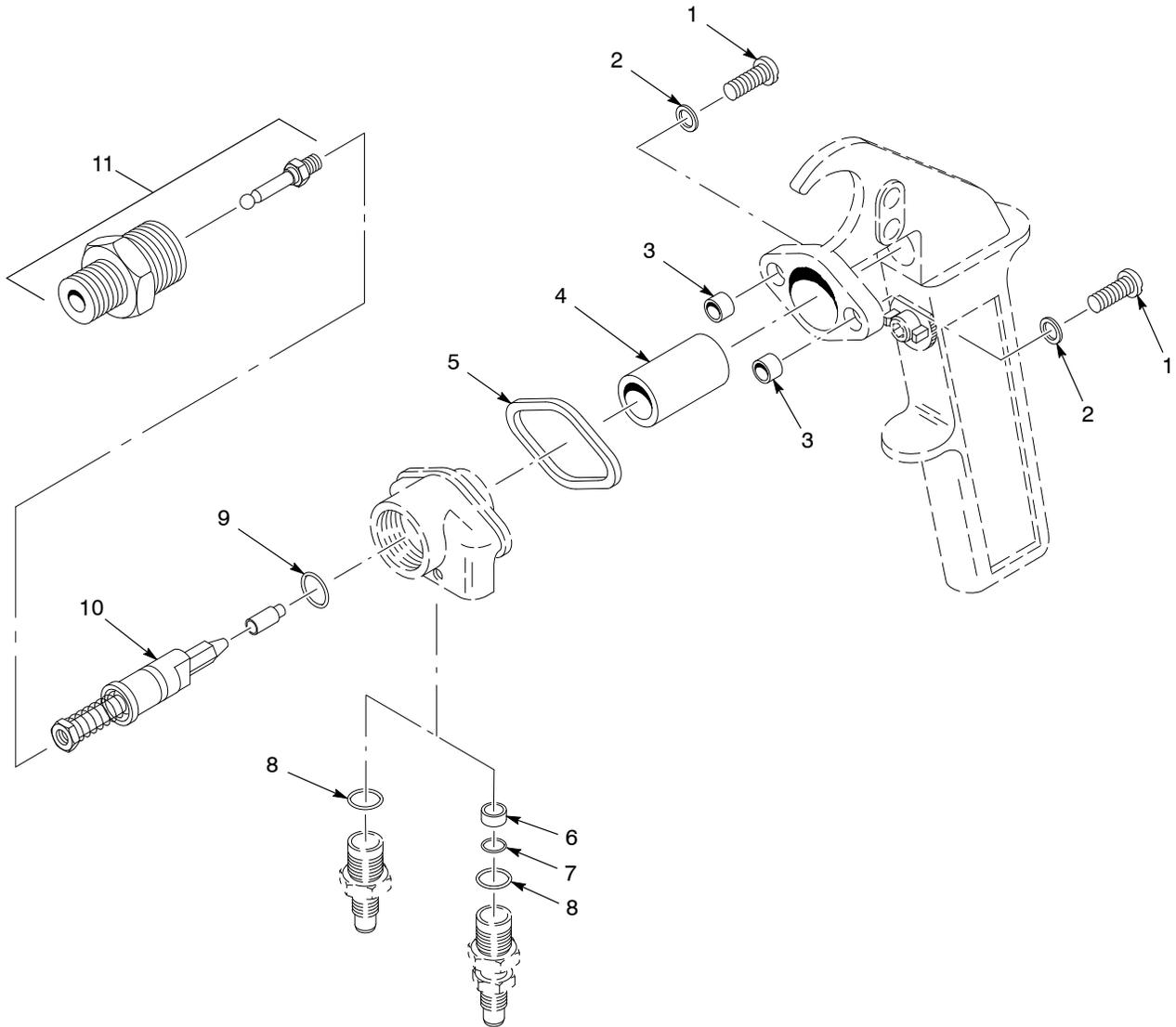


Figure 7 Rebuild and Service Kits

Accessories

When more flexibility is needed, order one or two whip hoses and the connector listed below to connect to the longer feed hose.

Item	Part	Description	Quantity	Note
—	828 042	Hose, nylon, 0.188 x 42, spring guard	AR	A
—	972 350	Union, tube, 37, 1/2-20 x 5/16, steel	AR	
NOTE A: This hose is 3/16 ID. AR: As Required				

DECLARATION of CONFORMITY

PRODUCT:

A4B (Airless Hand-Held Applicator)

APPLICABLE DIRECTIVES:

89/392/EEC (Machinery)

STANDARDS USED TO VERIFY COMPLIANCE:

EN292
IEC417
ANSI-Z535

PRINCIPLES:

This product has been manufactured according to good engineering practice.

The product specified conforms to the directive and standards described above.



Lou Koch
Liquid Focus Factory Manager

Date: 4 December 96



Woodie Francis
Engineering Manager
Liquid Systems Group

Date: 3 December 96



Nordson Corporation • Westlake, Ohio

