

Air Assist Tip Extension

3A8901B

EN

Spray tip extension accessory for select PerformAA and G15/G40 air assist spray guns. Not compatible with models listed below. Use with flat spray tips only. For professional use only.

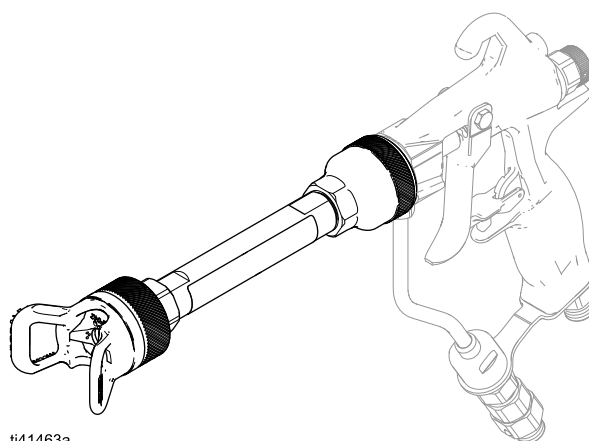
The spray tip extension is not compatible with the following Graco spray guns models:

- Reverse-A-Clean® spray gun models
- Model 262929
- Model 262932



Important Safety Instructions

Read all warnings and instructions in this manual and in your spray gun manual before using the equipment. Save all instructions.



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Models


Model	Description	
26D141	6 in. spray tip extension	5,000 psi (34.5 MPa, 345 bar) maximum fluid working pressure
26D142	12 in. spray tip extension	
26D143	18 in. spray tip extension	100 psi (0.7 MPa, 7.0 bar) maximum working air pressure

Related Manuals

English Manual Number	Description
3A8099	PerformAA™ Spray Gun, Instructions-Parts
3A0149	G15/G40 Spray Gun, Instructions-Parts

Warnings


**DANGER**







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ELECTROCUTION HAZARD

To avoid death or serious injury, avoid contact with power lines.

**WARNING**



SKIN INJECTION HAZARD

High pressure spray or leaks can inject fluid into the body. Keep clear of spray tip and leaks. Engage trigger lock when not spraying. Follow the pressure relief procedure in your spray gun manual before servicing, cleaning or removing parts. In case of skin injection, get immediate SURGICAL TREATMENT.

PRESSURIZED FLUID HAZARD

Fluid from the equipment, leaks, or ruptured components can splash in the eyes or on skin and cause serious injury. To help prevent serious injury from pressurized fluid, follow the Pressure Relief Procedure in your spray gun manual when you stop spraying and before cleaning, checking or servicing the equipment.

GROUNDING

The equipment must be grounded to reduce the risk of static sparking. Static sparking can cause fumes to ignite or explode. Grounding provides an escape wire for the electric current. Follow the grounding procedure in your spray gun manual.

PERSONAL PROTECTIVE EQUIPMENT

Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, and inhalation of toxic fumes.

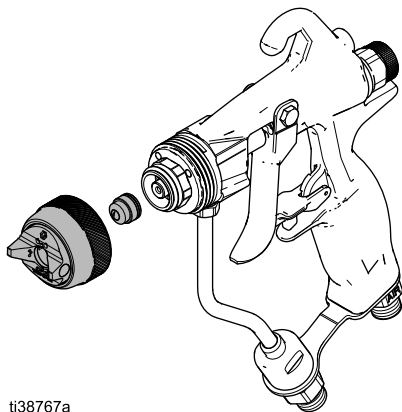
Installation

Spray Tip Extension Installation

 WARNING				
				
<p>To avoid serious injury from skin injection, follow the Pressure Relief Procedure in your spray gun manual before installation. Do not put your hand in front of the spray tip when installing or removing the air cap assembly and spray tip.</p>				

1. Turn off atomizing air to the gun.
2. Follow the Pressure Relief Procedure in your spray gun manual.
3. Engage the gun's trigger lock.

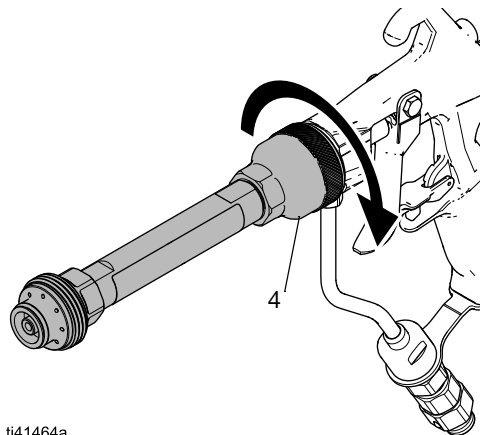
NOTE: Remove the standard air cap assembly and spray tip if needed.



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FIG. 1 Standard air cap assembly removal

4. Firmly tighten the retaining ring (4) to gun by hand.

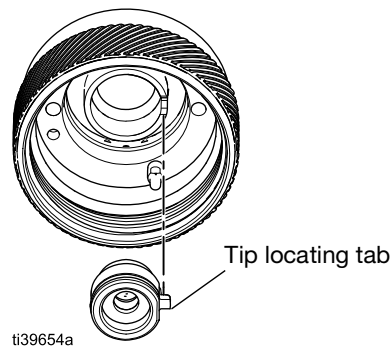


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FIG. 2 Spray tip extension assembly and the spray gun

5. Install the spray tip in the air cap with the tip locating tab positioned in the air cap slot.

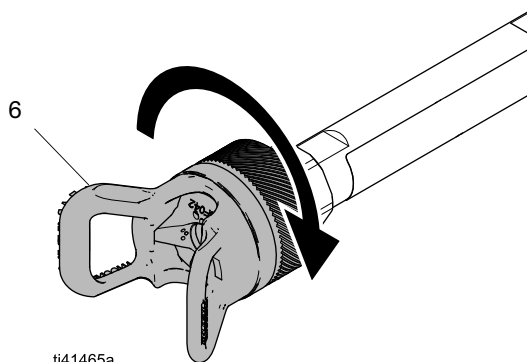
NOTE: Spray tips are sold separately.



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FIG. 3 Spray tip and air cap setup (back view)

6. Firmly tighten the air cap assembly (6) to the coupler (1) by hand.



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FIG. 4 Air cap assembly installation

Maintenance

 WARNING				
				
<p>To avoid serious injury from skin injection, follow the Pressure Relief Procedure in your spray gun manual before maintenance. Do not put your hand in front of the spray tip when installing or removing the air cap assembly and spray tip.</p>				

Prepare Gun for Maintenance

1. Turn off atomizing air to the gun.
2. Follow the Pressure Relief Procedure in your spray gun manual.
3. Engage the gun's trigger lock.
4. Flush the equipment. Follow the Flushing and Cleaning procedures in your spray gun manual.

NOTE: Flush at the lowest pressure possible and properly ground the gun and metal container, see spray gun manual for further instruction.

5. Follow the Pressure Relief Procedure in your spray gun manual.
6. Loosen the retaining ring (4) by hand to remove the spray tip extension assembly from the spray gun.
7. Disassemble and replace parts as needed.

Disassemble the Spray Tip Extension

1. Remove the air cap assembly (6) from the coupler (1).
2. Remove the coupler (1) from the air tube (3).
3. Remove the air tube (3) from the retaining ring (4).
4. Separate the air tube (3) from the fluid tube (5).

Check and Replace Seals

Check the following seals for damage. Replace and lubricate seals as needed. See **26D716: Assembly Seal Replacement Kit**.

- Coupler o-ring (2)
- Air tube o-rings (3a)
- Retaining ring o-ring (4a)
- Fluid tube o-ring (5a)
- Air cap assembly o-ring (6a) and washer (6b)

NOTE: Do not lubricate air cap seals (6a and 6b).

Assemble the Spray tip Extension

1. Tighten the air tube (3) onto the retaining ring (4).
 2. Insert the fluid tube (5) into the air tube (3).
 3. Tighten the coupler (1) onto the air tube (3).
 - a. Align the fluid tube (5) inside the air tube (3) with the coupler (1).
 - b. Press down on the fluid tube while tightening the air tube (3) onto the coupler (1).
- NOTE:** The fluid tube (5) should be connected to both the retaining ring (4) and the coupler (1). Shake the extension assembly to check connection.
4. Install the air cap assembly (6) onto the coupler (1).

Parts and Kits

Models 26D141, 26D142, and 26D143

Ref.	Part	Description	Qty.
1	26D270	Coupler	1
2	117610	O-ring (coupler seal)	1
3	26D721	Air tube, 6" models (includes 3a)	1
	26D722	Air tube, 12" models (includes 3a)	
	26D723	Air tube, 18" models (includes 3a)	
3a	120775	O-ring (air tube seals)	2
4	19D250	Retaining ring	1
4a	109213	O-ring (retaining ring seal)	1
5	26D717	Fluid tube, 6" models	1
	26D718	Fluid tube, 12" models	
	26D719	Fluid tube, 18" models	
5a	26C713	O-ring (fluid tube seal)	1
6	---	Air cap assembly (includes 6a-6d)	1
6a	109213	O-ring	2
6b	15G320	PTFE washer	1
6c	---	Air cap guard	1
6d	2GF042	Air cap	1
7▲	17B476	Safety label	1

▲ Replacement safety labels are available at no cost.

26D716: Assembly Seal Replacement Kit

Kit includes replacement seals (2, 3a, 4a, 5a, 6a, 6b).

26D270: Coupler Replacement Kit

Kit includes a coupler (1) and a coupler o-ring seal (2).

26D724: Retaining Ring Replacement Kit

Kit includes a retaining ring (4) and an o-ring seal (4a).

253032: Air Cap Seal Kit

Kit includes a 5 pack of replacement o-rings (6a) and washers (6b).

Fluid Tube Kits

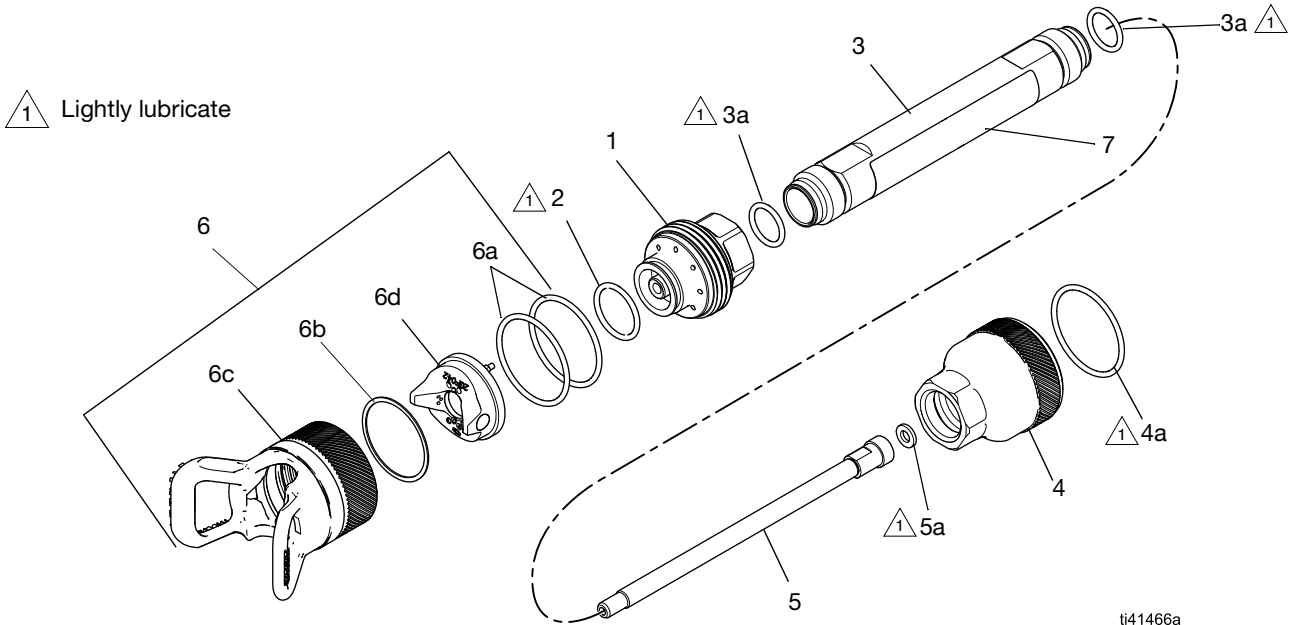
Kits include a fluid tube (5) and a fluid tube seal (5a).

Kit No.	Description
26D717	Fluid tube kit, 6" models
26D718	Fluid tube kit, 12" models
26D719	Fluid tube kit, 18" models
26C713	10 pack replacement fluid tube seals (5a)

Air Tube Kits

Kits include an air tube (3) and seal (3a).

Kit No.	Description
26D721	Air tube kit, 6" models
26D722	Air tube kit, 12" models
26D723	Air tube kit, 18" models



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Troubleshooting

**WARNING**



To prevent serious injury from skin injection or splashing fluid, follow the pressure relief procedure in your spray gun manual before checking or repairing the spray tip extension or gun.

Problem	Possible Cause	Solution
Fluid leaks	Worn packing seals	Check and replace coupler seal (2)
		Check and replace fluid tube seal (5a)
	Assembly is loose	Tighten the assembly
Air leaks	Worn air seals	Check and replace air tube seals (3a)
Fan pattern collapses	Worn air cap seal	Check and replace air cap seals (6a and 6b)

Technical Specifications

Air Assist Tip Extension

Model	Length	Weight
26D141	6 in. (152 mm)	.35 lb (5.6 oz)
26D142	12 in. (305 mm)	.514 lb (8.2 oz)
26D143	18 in. (457 mm)	.76 lb (9.22 oz)
Maximum Fluid Working Pressure	5,000 psi (34.5 MPa, 345 bar)	
Maximum Working Air Pressure	100 psi (0.7 MPa, 7.0 bar)	
Wetted Parts (All Models)	Stainless Steel, PTFE, Fluoroelastomer	

Graco Information

For the latest information about Graco products, visit www.graco.com.

For patent information, see www.graco.com/patents.

TO PLACE AN ORDER, contact your Graco distributor or call to identify the nearest distributor.

Phone: 612-623-6921 **or Toll Free:** 1-800-328-0211, **Fax:** 612-378-3505

*All written and visual data contained in this document reflects the latest product information available at the time of publication.
Graco reserves the right to make changes at any time without notice.*

Original instructions. This manual contains English. MM 3A8901

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Revision B, March 2023