EXTENDA-BAN VALVE

USER MANUAL ADDENDUM

DESCRIPTION

The Extenda-Ban valve is a brass heavy-duty corrosion-resistant valve with a non-drip tip (tip shut off) tip suitable for indoor or outdoor liquid applications. It is used on several of the B&G sprayers, including models of the Primeline, AccuSpray Elite, and Backpack Sprayer. **Please refer to the User Manual for your sprayer, this addendum only provides information on the valve and associated nozzles and is designed to supplement the User Manual of the sprayer.**

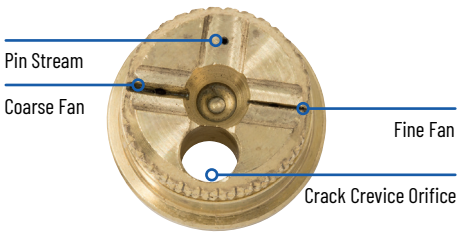
EXTENSIONS

Several extensions are available for the Extenda-Ban in brass and stainless steel to extend the distance between the valve and the nozzle to 9" (23 cm), 18" (46 cm), and 24" (61 cm) (see part numbers in the Extenda-Ban parts list below).

NOZZLES & TIP ASSEMBLIES

1. B&G 4-WAY CRACK & CREVICE TIP ASSEMBLY #22049466 / 1608003819

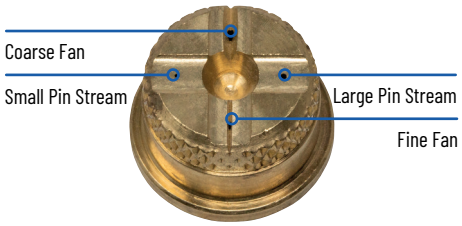
Tip	Flow Rate		Image
	oz/min	ml/min	
50° Narrow/Coarse Fan	14.1	417.0	
80° Wide/Fine Fan	6.4	189.3	
Large Pin Stream	8.9	263.2	
Tips that Are Inserted into Crack & Crevice Orifice			
1" (2.5 cm) Red Crack & Crevice Straw 6 oz/min (177.4 ml/min)			
6" (15 cm) Crack & Crevice White Straw 3.8 oz/min (112.4 ml/min)			
3.5" (9 cm) Stainless Steel Injector Needle			
2" (5 cm) Stainless Steel Void Tip			
4" (10 cm) Stainless Steel 4-Way Void Tip			



EXTENDA-BAN VALVE
User Manual Addendum

2. B&G 4-WAY TIP ASSEMBLY #22049451 / 1608003816

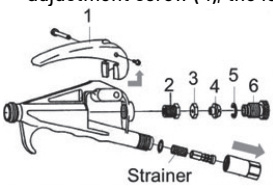
Tip	Flow Rate		Image
	oz/min	ml/min	
50° Narrow/Coarse Fan	14.1	417.0	
80° Wide/Fine Fan	6.4	189.3	
Large Pin Stream	8.9	263.2	
Small Pin Stream	4.5	133.16	



3. PIN-TO CONE AV-210 BRASS/VITON NOZZLE

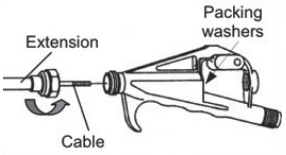
MAINTENANCE AND REPAIR

- Detach the valve and extension from the hose. Carefully remove the mesh strainer (not included on backpack version). Squeeze the trigger to drain all liquid from the valve.
- Remove the trigger (1), then the snap ring (5), safety lock nut (6), the adjustment screw (4), the lock nut (3), and then the packing nut (2). The



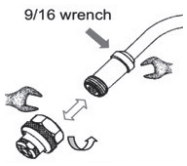
trigger can be removed by moving it to the back of the valve.

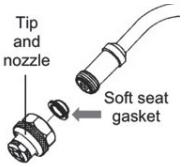
- Unscrew the extension at the front of the valve. The extension can be

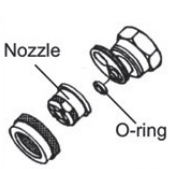


pulled away from the valve along with the interior steel cable.

- Packing washers (white) that were at the end of the cable will remain inside the valve. Carefully dislodge and remove these washers.
- Remove the tip and nozzle assembly from the end of the extension, be careful to keep the soft seat gasket. Use 2 wrenches to loosen the tip: one to hold the extension, and a second to loosen the tip. Note: the extension may become twisted and unusable unless 2 wrenches are used to remove the tip. Inspect the soft seat gasket and the small O-ring on multeejet tips, replace if damaged or worn. Replace the nozzle if it is more than 2 years old.



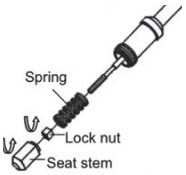




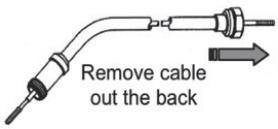
- Push the cable out the front of the extension to expose the spring, the small lock nut, and the seat stem. Unscrew the seat stem and lock nut, and slide off the spring. Place these small pieces in a closed container (they are easily misplaced).

EXTENDA-BAN VALVE

User Manual Addendum

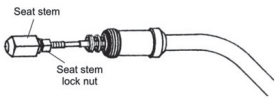


- Remove the stainless steel cable by pulling it slowly through the back end of the extension – you cannot pull the cable through the front of the extension. The threaded end of the cable at the nozzle end is short and easily passes through the curve in the extension. The end of the cable at the valve end is long and will not pass through the curve. Replace the cable if it is worn or damaged.

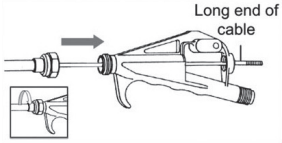


- Re-assemble the extension by inserting the short end of the cable into the back so that threads are exposed at the nozzle end.

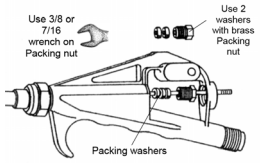
- Slide the spring onto the end of the cable, then the seat stem lock nut. Screw lock nut to leave about 4 threads at the base of the end of the cable.
- Attach the seat stem onto the cable, in front of the lock nut. Hand tighten seat stem against the lock nut.



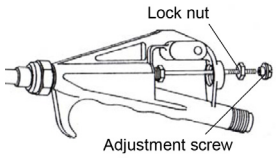
- Insert the long end of the cable into the front end of the valve. Push the cable through the valve until the end is through the back of the valve. Tighten extension to the valve body.



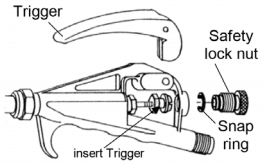
- Insert 2 or 3 packing washers onto the cable, then slide on the packing nut behind the washers and tighten.
  - Valves built before 1999 have a stainless steel packing nut that takes 3/8 wrench, there is no internal O-ring, these valves need 3 washers.
  - Valves built between 1999 and 2000 have a brass packing nut + O-ring, this nut takes a 7/16 wrench, these valves need 2 washers
  - Valves built after 2000 have a stainless steel packing nut + O-ring, this nut takes a 3/8 wrench, and these valves require 3 washers.



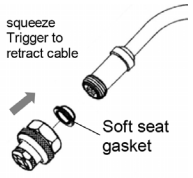
- Screw onto the cable the lock nut and the adjustment screw. Turn the adjustment screw so the end of the cable is level to the top of the slot in the top of the screw.



- Tighten the lock nut against the screw.
- Attach the valve trigger by inserting it into the space between the lock nut and adjustment screw, then insert the trigger screw.
- Screw the safety lock nut into the valve body, and then attach the snap ring.



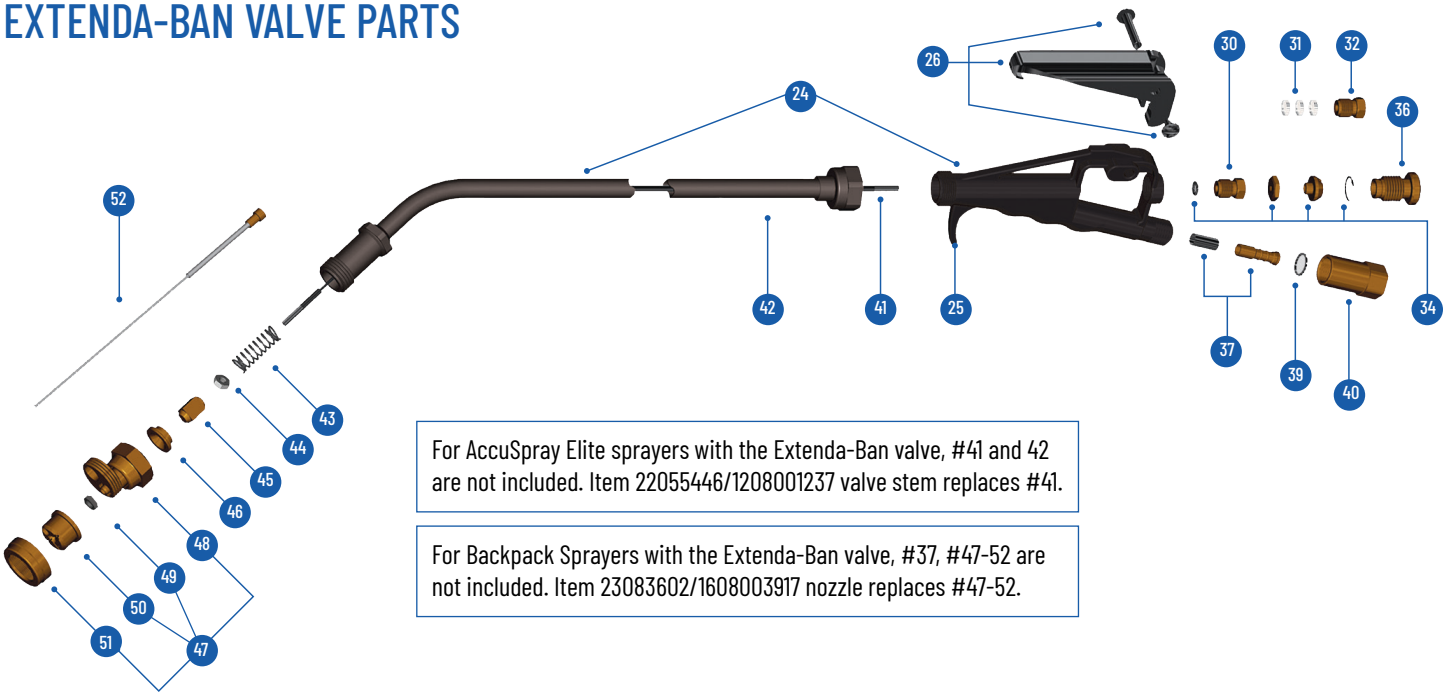
- Attach the tip and nozzle to the end of the extension, make certain the soft seat gasket is facing correctly. The small end faces the extension. Press the trigger to retract the seat stem into the extension, then attach the tip and nozzle.



EXTENDA-BAN VALVE

User Manual Addendum

EXTENDA-BAN VALVE PARTS



For AccuSpray Elite sprayers with the Extenda-Ban valve, #41 and 42 are not included. Item 22055446/1208001237 valve stem replaces #41.

For Backpack Sprayers with the Extenda-Ban valve, #37, #47-52 are not included. Item 23083602/1608003917 nozzle replaces #47-52.

Number	Part #	Description	Order Number (US)	Order Number (EU)
25	VB-147	Valve Body Kit	22044450	1208001188
26	VT-140	Trigger, Valve Housing, Screw	22042800	1108004814
26B	VT-140	Trigger Screw, Screw Housing	1208004903	1208004903
30	PN-150-2	Packing Nut (2001-Present)	22042455	1208001187
30A	PN-150-1	Packing Nut (1999-2000)	22042454	1608003726
31	VP-151	Packing Valve	22045099	1608003747
32	PN-150	Packing Nut (Prior to 1999)	22044900	1608003746
34	AS-148	Adjusting Screw, Lock Nut, Snap Ring	22044500	1108004817
36	SL-162	Safety Lock Nut	22046700	1608003785
37	MS-145-50	50 Mesh Strainer and Strainer Support (Not used with backpack version)	22043800	1108004815
39	NG-146	Nylon Gasket	22044200	1608003739
40	SA-143	Strainer Housing	22043400	1608003736
41	VC-152	Valve Cable 9"	22045300	1208001192
	VC-153	Valve Cable 18"	22045400	1208001193
	VC-163	Valve Cable 24"	22045450	1208001195
42	VE-154	Brass Extension 9"	22045500	1608003751
	VE-155	Brass Extension 18"	22045600	1608003753
	VE-164	Brass Extension 24"	22045650	1608003755
	VE-154-SS	Stainless Steel Extension 9"	22045510	1608003752
	VE-155-SS	Stainless Steel Extension 18"	22045610	1608003754
	VE-164-SS	Stainless Steel Extension 24"	22045710	1608003758

Number	Part #	Description	Order Number (US)	Order Number (EU)
43	VS-156	Seat Stem Spring	22045700	1608003757
44	SSL-157	Stainless Steel Hex Nut	22045901	1208001197
45	SS-158	Seat Stem	22046100	1608003782
46	SP-159	Soft Seat Gasket	22046300	1208001198
47	5850-CC	B&G 4 Way C&C Tip Assembly (Parts 48-51) (Not used with backpack version)	22049466	1608003819
	5850	Tip Assembly (No C&C) (Not used with backpack version)	22049451	1608003816
48	9751-M	Holder, B&G 4 Way Modified Assembly (Not used with backpack version)	22049300	1608003813
49	4190	Viton Gasket® (Not used with backpack version)	22034700	1608003674
50	5800-CC	B&G 4-Way C&C Tip (Not used with backpack version)	22049467	1608003820
	5800	B&G 4-way Tip (Without CC) (Not used with backpack version)	22049452	1608003817
51	4596	Tip Retainer (Not used with backpack version)	22034500	1608003673
52	5700-B	C&C Extension (Not used with backpack version)	22049200	1608003812
53		Complete 9" Valve with Tip	22042300	1608003719
		Complete 9" Valve with C&C Tip	22042350	1608003721
54		Complete 18" Valve with Tip	22042400	1608003722
		Complete 18" Valve with C&C Tip	22042450	1608003725
55		Complete 24" Valve with Tip	22042700	1608003730
		Complete 24" Valve with C&C Tip	22042750	1608003732

TROUBLESHOOTING

Problem	Solution
Valve body leaking	• Tighten packing nut, replace packing washers.
Tip Leaking	• Clean or replace soft seat gasket, replace valve spring. • Replace tip washer.
Inconsistent Spray pattern	• Check nozzle for clogs or debris. Use a soft bristle brush to clean nozzle. • Never use metal picks to clean brass nozzles.

DISPOSAL

Please follow all local regulations when disposing of equipment.

CONTACT

Contact your local distributor or Pelsis country-specific location for information on spares and service.

US: B&G Equipment, 135 Region South, Jackson, GA, 30233, USA
Contact Number: 1-800-544-8811
Email Address: CustomerService@BGEquip.com

UK: Pelsis Ltd, Sterling House, Grimbald Crag Close, Knaresborough, HG5 8PJ, UK.
Contact Number: +44 (0) 800 988 5359

Europe: Pelsis Belgium NV, Industrieweg 15, 2880, Bornem, Belgium.
Contact Number: +32 (0) 3 886 22 11

All Other Countries: B&G Equipment, 135 Region South, Jackson, GA, 30233, USA
Contact Number: 1-678-688-5601