



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 and AccuSpray Elite. 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 | | | |



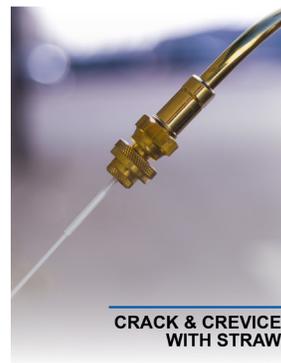
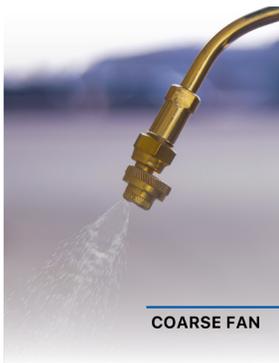
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2. B&G 4-WAY TIP ASSEMBLY #22049451 / 1608003816

| 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 | |

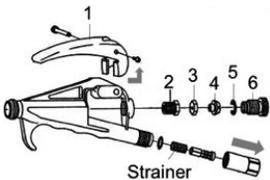


3. ADJUSTABLE PIN-TO-CONE #23083602/1608003917

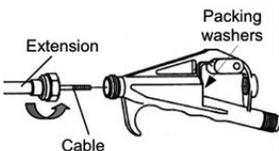


MAINTENANCE AND REPAIR

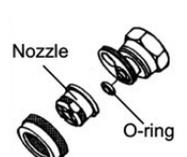
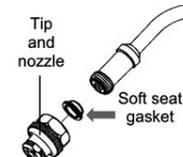
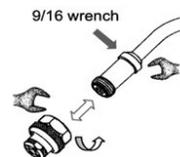
- Detach the valve and extension from the hose. Carefully remove the mesh strainer. Squeeze the trigger to drain all liquid from the valve.
- Remove the trigger (1), then the snap ring (5), safety lock nut (6), the adjustment screw (4), the lock nut (3), and then the packing nut (2). The trigger can 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.



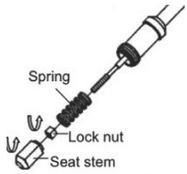
- Packing washers (white) that were at the end of the cable will remain inside the valve. Carefully dislodge and remove these washers.
- Remove the tip and nozzle assembly from the end of the extension, be careful to keep the soft seat gasket. Use 2 wrenches to loosen the tip: one to hold the extension, 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 multiejet tips, replace if damaged or worn. Replace the nozzle if it is more than 2 years old.



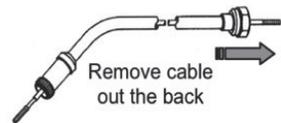
- Push the cable out the front of the extension to expose the spring, the small lock nut, and the seat stem. Unscrew the seat stem and lock nut, and slide off the spring. Place these small pieces in a closed container (they are easily misplaced).

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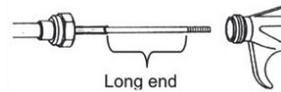
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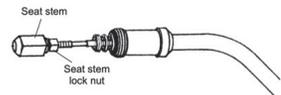
- Remove the stainless steel cable by pulling it slowly through the back end of the extension - you cannot pull the cable through the front of the extension. The threaded end of the cable at the nozzle end is short and easily passes through the curve in the extension. The end of the cable at the valve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



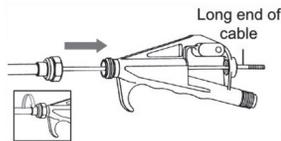
- Re-assemble the extension by inserting the short end of the cable into the back so that threads are exposed at the nozzle end.



- 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.

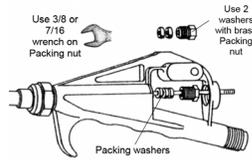


- Insert the long end of the cable into the front end of the valve. Push the cable through the valve until the end is through the back of the valve. Tighten extension to the valve body.

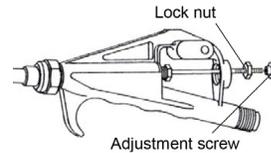


- Insert 2 or 3 packing washers onto the cable, then slide on the packing nut behind the washers and tighten.
 - Valves built before 1999 have a stainless steel packing nut that takes 3/8 wrench, there is no internal O-ring, these valves need 3 washers.
 - Valves built between 1999 and 2000 have a brass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

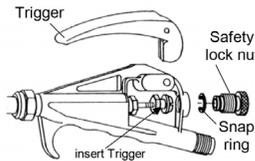


- Screw onto the cable the lock nut and the adjustment screw. Turn the adjustment screw so the end of the cable is level to the top of the slot in the top of the screw.

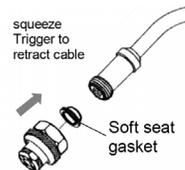


- Tighten the lock nut against the screw.
- Attach the valve trigger by inserting it into the space between the lock nut and adjustment screw, then insert the trigger screw.

- 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.

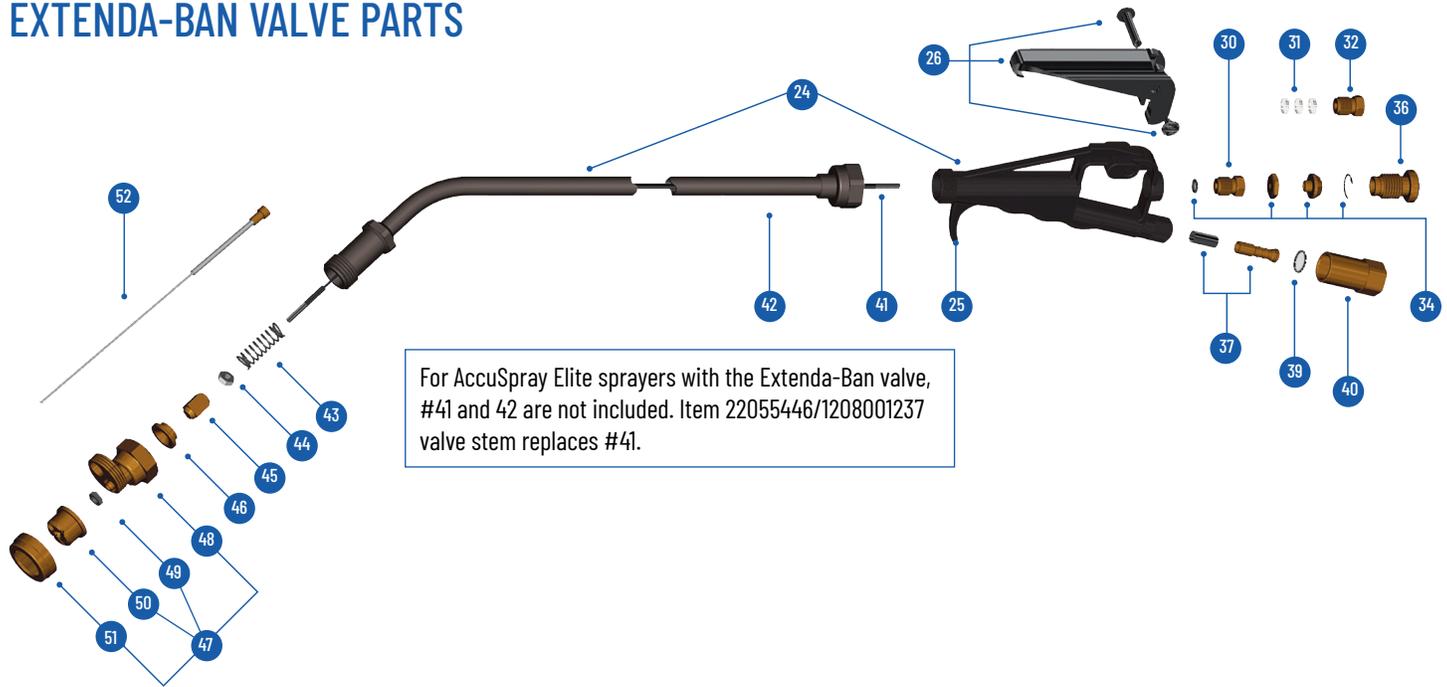


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EXTENDA-BAN VALVE PARTS



| Number | Part # | Description | Order Number (US) | Order Number (EU) |
|--------|-----------|---------------------------------------|-------------------|-------------------|
| 24 | 120 | Extenda-Ban Valve 9" (Less Tip) | 22042101 | 1608003714 |
| | 220 | Extenda-Ban Valve 18" (Less Tip) | 22042203 | 1608003717 |
| | 420 | Extenda-Ban Valve 24" (Less Tip) | 22042778 | 1608003733 |
| 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 | 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 |

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| 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) | 22049466 | 1608003819 |
| | 5850 | Tip Assembly (No C&C) | 22049451 | 1608003816 |
| 48 | 9751-M | Holder, B&G 4 Way Modified Assembly | 22049300 | 1608003813 |
| 49 | 4190 | Viton Gasket® | 22034700 | 1608003674 |
| 50 | 5800-CC | B&G 4-Way C&C Tip | 22049467 | 1608003820 |
| | 5800 | B&G 4-way Tip (Without CC) | 22049452 | 1608003817 |
| 51 | 4596 | Tip Retainer | 22034500 | 1608003673 |
| 52 | 5700-B | C&C Extension | 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 | <ul style="list-style-type: none">• Tighten packing nut, replace packing washers. |
| Tip Leaking | <ul style="list-style-type: none">• Clean or replace soft seat gasket, replace valve spring.• Replace tip washer. |

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, Grimbold 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
Email Address: CustomerService@BGEquip.com