

# OPTIMIZED **BREAKAWAY** PERFORMANCE.



**NEW**

## Next Generation CNG Vent Line Breakaway

The New NGVLB – is an in-line breakaway that fits into the vent-side of the CNG fueling hose and is a direct upgrade and replacement for our existing VLB Vent Line Breakaway. The pressure-balanced design to 18,129 psi (1,250 bar) eliminates nuisance separations due to pressure surges in the CNG dispensing system during the venting sequence of the fueling operation. The NGVLB is designed to be used with any of OPW's family of high-pressure Fill Line Breakaways in CNG applications at service pressures up to 3,600 psi (250 bar).



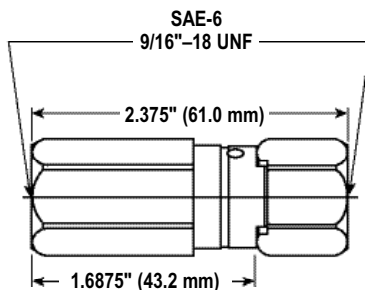
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**(800) 422-2525**      **WWW.OPWGLOBAL.COM**

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## OPW Vent Line Breakaway (NGVLB)

The OPW NGVLB is an in-line breakaway that fits into the nozzle vent line. This new pressure balanced NGVLB unit will function consistently when used in conjunction with OPW high pressure In-line breakaways.



### Materials

- Body:** Stainless Steel
- Internal Components:** Stainless Steel
- Seals:** Specially formulated seals, specific to high pressure NGV applications



### Features

- ◆ **Durability** - Stainless-steel construction provides improved performance, durability and corrosion resistance in harsh environments.
- ◆ **Design**
  - **Reconnectable** - Allows the component to be reused, reducing maintenance cost.
  - **No tools required for reconnection** (12 lbs./53 N reconnection force).
  - **Pressure Balanced** - Performance stability, due to the pressure balance design, eliminates nuisance separation due to pressure surges in the vent line.
  - The passive design allows pressure to freely move through the vent line, which allows for smoother nozzle disconnect.
  - **Easy Installation** - The Vent Line Breakaway has SAE-6 Female ports for easy installation.
- ◆ **For Vent Hose Only** - Must be at least 2 feet from nozzle vent outlet.
- ◆ **Ease of Repair** - Seals and spring replacement kits available for easy in-field repair.
- ◆ **Disconnection Force** - 40 lbs. ± 15 lbs. (178N)

### Specifications:

Pressure balanced to 18,129 psi (1,250 bar)  
 Temperature Range: -40° F to 185° F  
 (-40° C to 85° C)  
 Weight: 0.22 lb. (0.100 kg)  
 Cv: 0.24  
 1,000 SCFM @ 3,600 psi (250 bar)  
 MAWP: 4,532 psi (312.5 bar)

### Ordering Specifications

Product No.	Inlet Thread Size	Outlet Thread Size	Service Pressure	
NGVLB	SAE - 6, 9/16" - 18 UNF	SAE - 6, 9/16" - 18 UNF	3,600 psi	250 bar

### Repair Kit

Product No.	Description
207563	Seals and Spring Replacement Kit

North America Toll Free – (800) 422-2525  
 Email: domesticsales@opw-fc.com

International – (513) 870-3315 or (513) 870-3261  
 Email: intlsales@opw-fc.com

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