Senninger®

GOOSENECKS & TRUSS ROD HOSE SLINGS

MECHANIZED IRRIGATION

Introduced double gooseneck technology in 2003.
Lower application intensity, minimize run-off, help preserve soil structure

www.senninger.com

Single 180° Gooseneck

The Senninger Single 180° Gooseneck provides easy installation of drops along a center pivot allowing sprinkler placement closer to the ground to help minimize wind drift.

FEATURES

- Easy drop alignment for precision irrigation applications
- Lightweight for easy handling and lower freight costs
- Non-corrosive UV-resistant thermoplastic construction for long life and reduced plugging from rust flaking sometimes associated with galvanized goosenecks
- 3/4" M NPT inlet w/nipple x 3/4" hose barb outlet or 3/4" M NPT inlet w/nipple x 3/4" M NPT outlet
  (Also available without nipple as F NPT inlet)
- New 19 mm barb outlet (grey) also available
- Two-year warranty on materials and workmanship

RECOMMENDATIONS

- If using a sealant, use only Teflon tape
- Attaches to mainline using galvanized nipple or Senninger's impact-modified thermoplastic nipple (PVC nipples not recommended)
- Maximum recommended flow 20 gpm (4543 L/hr)
- Maximum recommended pressure 120 psi (8.28 bar)
- Maximum recommended water temperature 110° F (43° C)
- Ambient temperatures to 150° F (66° C) will not damage Goosenecks

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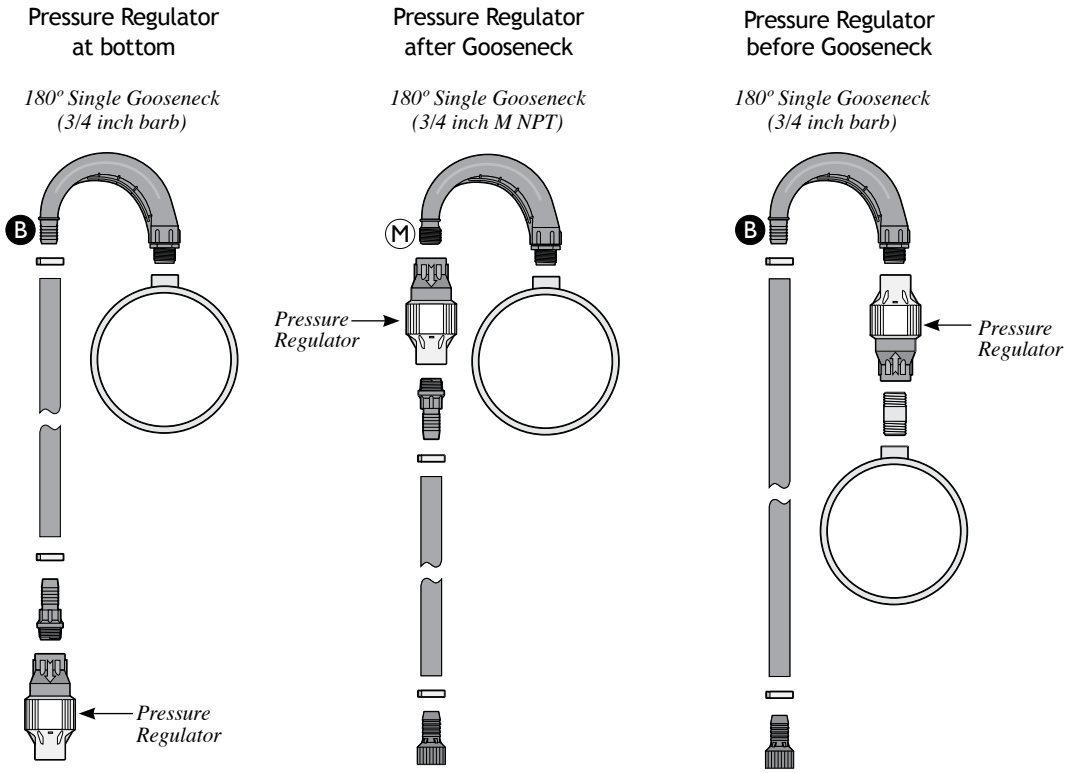
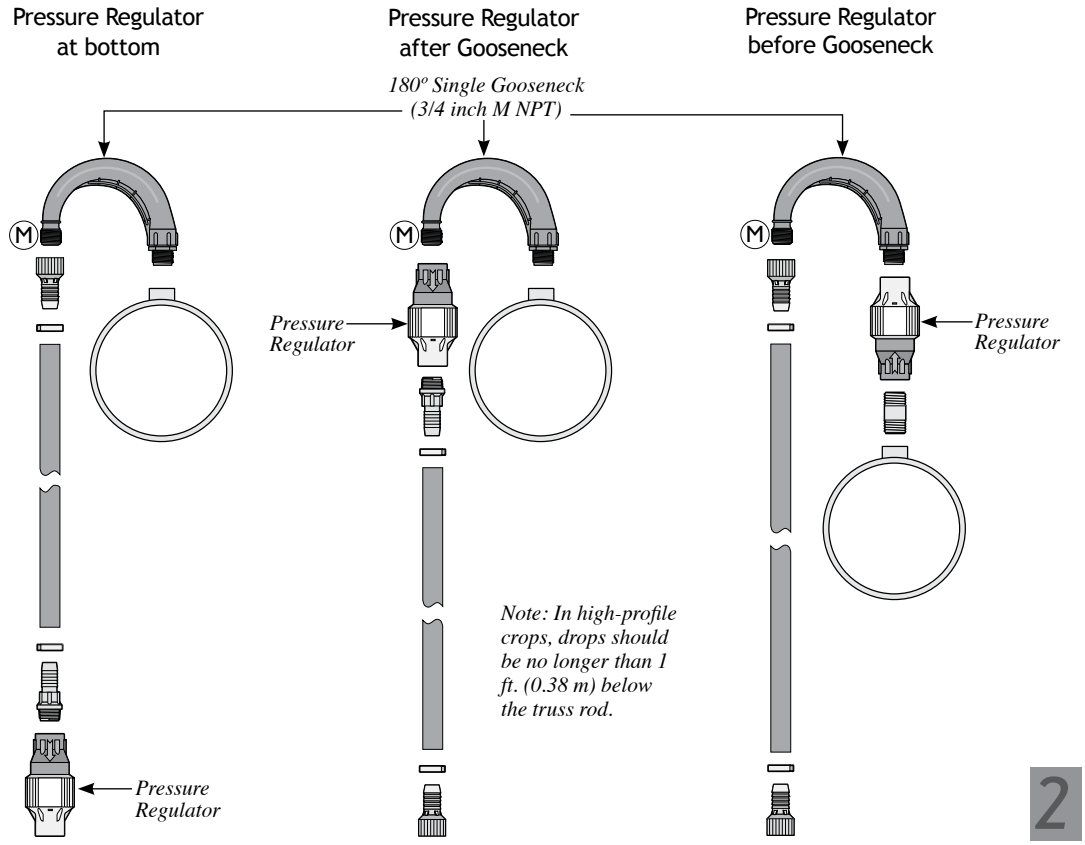
Installation Single 180°

For Hose drops and i-Wob, Xi-Wob, LDN or Super Spray



For Semi-Rigid Drops (Poly) and Xi-Wob, LDN or Super Spray



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Double 125° Gooseneck

Use only in conjunction with
Truss Rod Hose Slings (See pg. 6)

The Senninger Double 125° Goosenecks combined with Truss Rod Hose Slings create a system that provides easy installation of additional drops along a center pivot.

FEATURES:

- Converts wide spacing machines to closer drop spacings
- Reduces or eliminates the need for welding extra outlets
- Lowers the instantaneous application rate by widening the area of application
- Reduces soil compaction, soil sealing and runoff
- Easy drop alignment for precision irrigation applications
- Non-corrosive UV-resistant thermoplastic construction for long life and reduced plugging from rust flaking sometimes associated with galvanized goosenecks
- 3/4" M NPT inlet w/nipple x 3/4" hose barb outlets or 3/4" M NPT inlet w/nipple x 3/4" M NPT outlets
  (*Also available without nipple as F NPT inlet*)
- Two-year warranty on materials and workmanship

RECOMMENDATIONS

- If using a sealant, use only Teflon tape
- Attaches to mainline using galvanized nipple or Senninger's impact-modified thermoplastic nipple (PVC nipples not recommended)
- Maximum recommended flow
  30 gpm (6814 L/hr), 15 gpm per side
- Maximum recommended pressure
  120 psi (8.28 bar)
- Maximum recommended water temperature
  110° F (43° C)
- Ambient temperatures to 150° F (66° C) will not damage Goosenecks

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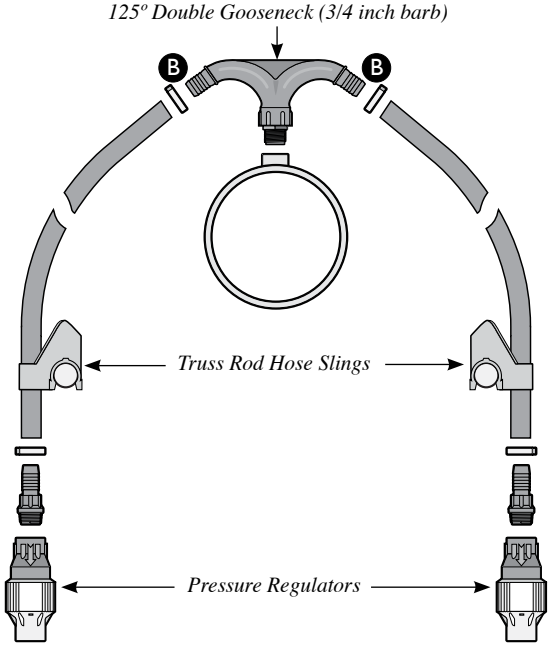
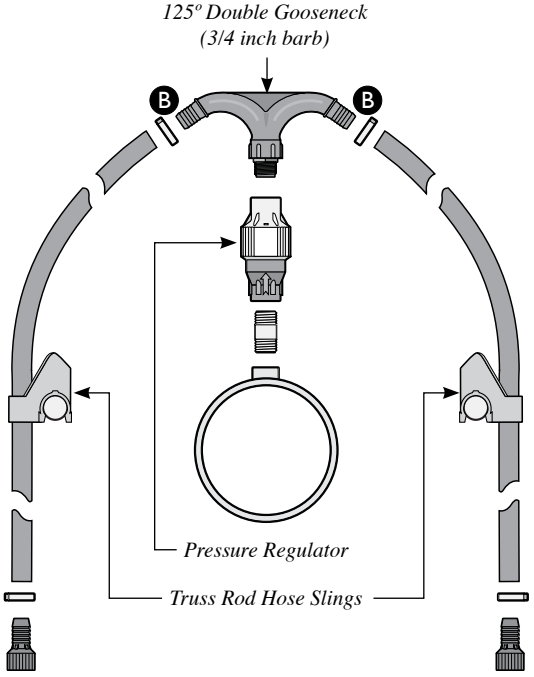
For Hose Drops and i-Wob, Xi-Wob, LDN or Super Spray

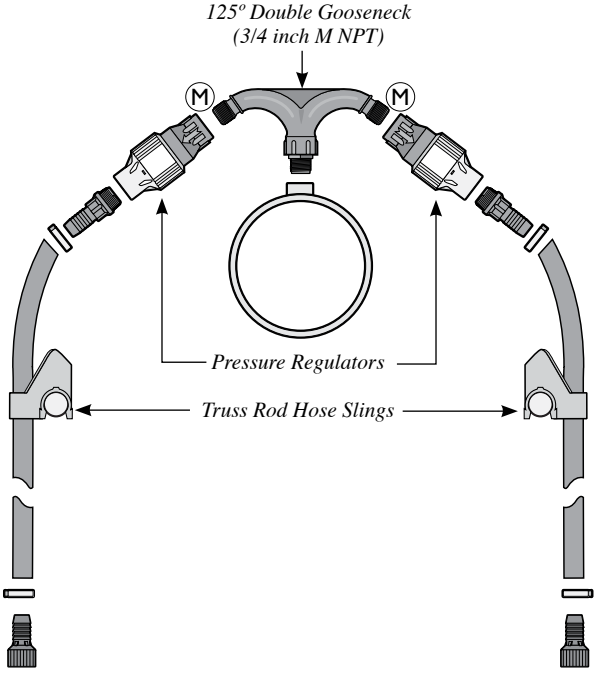
Pressure Regulators at bottom



Pressure Regulator at top



Pressure Regulators at top



Single 125° Gooseneck

The Senninger Single 125° Goosenecks combined with the Truss Rod Hose Slings create a system that provides easy positioning of drops along a center pivot.

FEATURES

- 125° arch to direct hose toward truss rod
- Lowers the instantaneous application rate by widening the area of application, reducing soil compaction, soil sealing and runoff
- Easy drop alignment for precision irrigation applications
- Non-corrosive UV-resistant thermoplastic construction for long life and reduced plugging from rust flaking sometimes associated with galvanized goosenecks
- 3/4" M NPT inlet w/nipple x 3/4" hose barb outlet or 3/4" M NPT inlet w/nipple x 3/4" M NPT outlet
  (Also available without nipple as F NPT inlet)
- Two-year warranty on materials and workmanship

RECOMMENDATIONS

- If using a sealant, use only Teflon tape
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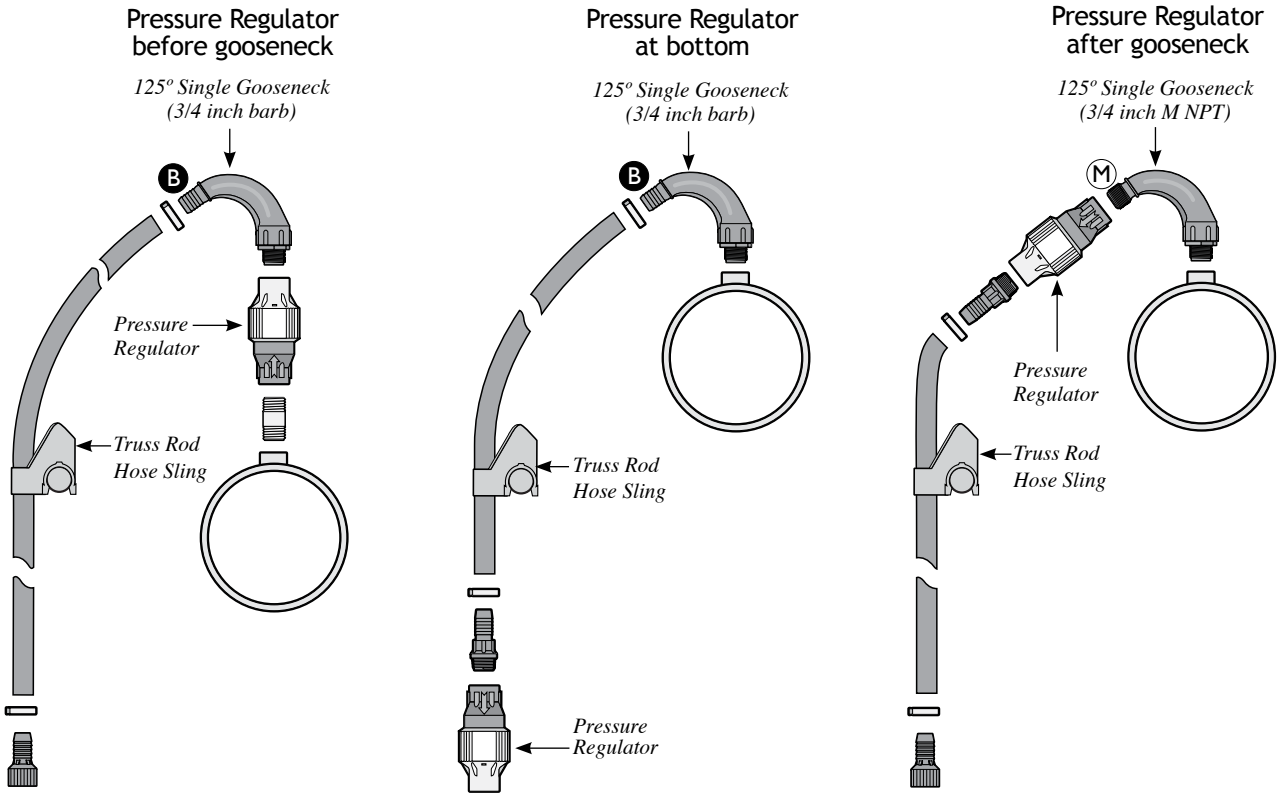
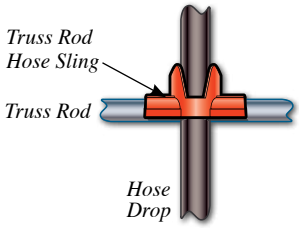
Installation Single 125°

For Hose Drops and i-Wob, Xi-Wob, LDN or Super Spray



Truss Rod Hose Slings



FEATURES

- Easy to install
- Securely fastens 3/4" flexible hose to the truss rod
- Five Sizes: 5/8" (rust), 11/16" (green), 3/4" (black), 13/16" (grey), 7/8" (blue)
- Maintains the drop/sprinkler position and allows for easy adjustments
- Helps reduce pattern interruption from colliding streams
- Supports flexible hose to prevent kinking and abrasive wear
- Non-corrosive UV-resistant thermoplastic construction for long life
- Two-year warranty on materials and workmanship

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Benefits Lower Application Intensity

Minimize Run-Off • Improve Uniformity • Maintain Infiltration Capability

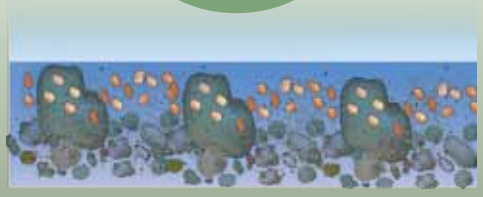
Low Application Intensity

- More closely matches soil infiltration rate
- Maintains soil composition
- Minimizes surface water buildup
- Preserves good soil structure

Healthy Soil

- Early season, typically pre-germination
- Good soil structure
- Small soil particles disbursed with larger particles
- Maximum soil infiltration capability

High Application Intensity



- Exceeds soil infiltration rate
- Rearranges soil composition (silt and clay particles become suspended in standing water)
- Soil structure breaks down

Soil Structure Maintained

- Low kinetic energy minimizes surface soil compaction
- Small soil particles remain disbursed with larger particles
- Lower application intensity maximizes and maintains the soil infiltration capability
- Maintaining good infiltration maximizes irrigation efficiency, minimizes erosion and reduces cost
- Most soils prefer lower application intensity
- Achieves root aeration through gentle irrigation

Soil Structure Breakdown

- High kinetic energy can further compact soil surface
- Sealing layer of fine soil particles is left on the surface
- Irreparable damage has been done to the soil infiltration capability
- Infiltration reduction can result in runoff of irrigation water, erosion, inefficient irrigation and greater cost
- Root "choking" through lack of aeration
- Heavy cracking soils can result in lost control of irrigation scheduling and potential forced deficit irrigation
- Heavier soils and greater slopes are less tolerant of intense application

Senninger® Irrigation Inc.

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