

Next Generation Fuel Pressure Regulator

Designed to meet increased fuel system performance characteristics



- Engineered and manufactured in USA
- Currently producing 8 million/year globally
- Compact: 24.56 mm x 15.39 mm
- Low Cost
- High Performance
 - Linear from 1 to 300 liter/hr
 - Low hysteresis
 - Calibration from 100 to 800 kPa
 - Not temperature sensitive
- Reliable
 - 100% verified calibration
 - 100% verified leak test
 - Suitable for use with all fuels

Supplied internationally to: Automotive, ATV, snowmobile, motorcycle manufacturers.

Fuel Pump Check Valve

Designed for installation into either Teleflex or Multi-layer hose.



Fuel Pump Check Valve overview:

- Low Cost
- Manufactured in USA
- Checks in forward direction for safety during possible roll-over situations.
- Checks in reverse direction to assure fuel is held in line to fuel rail to eliminate cold starts.
- Flows with minimal noise levels through out range of flow.
- Designed for gasoline and diesel fuels

Innovation

- Side flow pin design to stabilize pin reducing noise caused by vibrations
- Single & Dual side flow pin designs to meet the higher flow demands
- Multiple pin materials to meet the multiple fuel compatibility needs.
- Multiple pin colors for part identification
- Press-in installation for forward and reverse barb applications

Performance Factors

Check Pressures 10 kPa & 50 kPa
Forward & Reverse Leakage 100% Verified
Extrusion Test.....100% Verified at 1000 kPa
Flow Range30 gm/s at 35 kPa & 115 kPa max.

Platform/Model

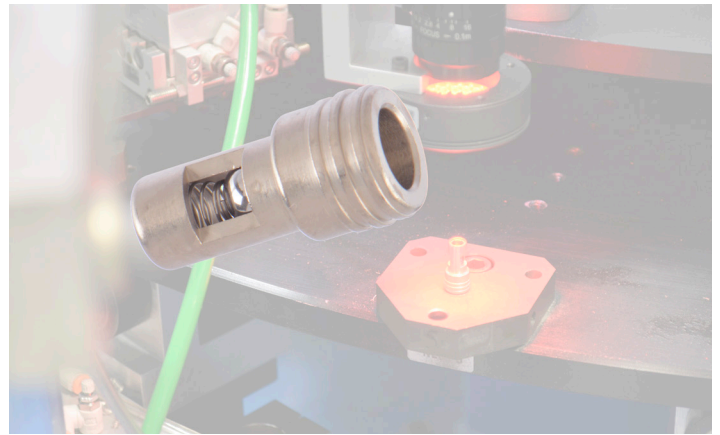
- Supplied internationally to multiple automotive OEM applications



Fuel System Check Valves

Designed for installation into low pressure fuel supply lines

- Currently used in multiple big 3 platforms.
- Minimizes noise
- Controlled leakage for fuel rail “bleed down”
- Significant cost savings over the competition
- PPM < 1
- 100% diagnostic tested
- Manufactured in both nickel-plated brass and stainless steel
- Automated assembly multi-camera machine vision profiled
- Precision machined
- Available in 3/8” and 5/16” for both multi-layer and molded PPA fuel lines



Diesel Bypass Valve

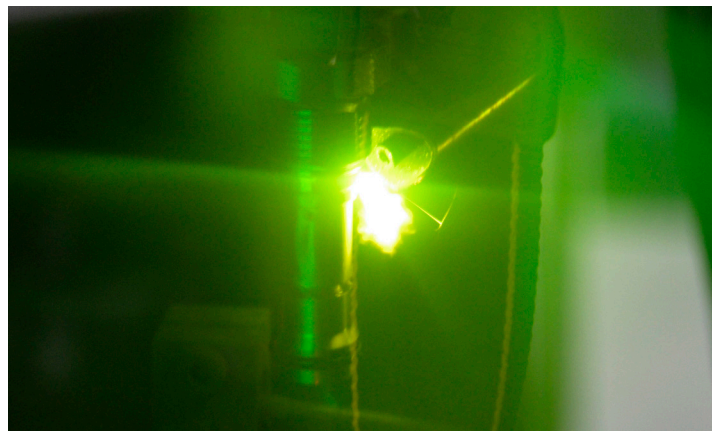
Designed for use in Class 8 truck four-stroke diesel engines



Diesel Bypass Valve overview:

- Opening pressure: 15 bar
- Max. leak rate: 2 LPH@12 bar
- Maximum flow rate: 24 LPM
- 100% Stainless Steel Construction
- Validated at 50 million cycles

Designed for use on Class 8 Truck Diesel Engines



205 Frazier Road • Altavista, Virginia 24517 • 1.800.345.0578 • www.Schrader-Pacific.com