

## TruCheck Defender

Legacy chemical injection valves allow wellbore fluid to migrate into the valve body and main spring cavity whenever chemical is not actively being pumped. Over time, this fluid intrusion can cause plugging, corrosion, and premature failure of the spring and internal components – reducing the effectiveness of chemical delivery and compromising long-term system reliability.

Republic Oil Tools has engineered the TruCheck Defender, a patent pending tool designed to be installed below the TruCheck Injection Valve. The Defender incorporates a dedicated sealing seat at the lower point of the system, creating a barrier that prevents wellbore fluid from reaching and contaminating the check valve's main spring.

### Key Features

- Lowest-Point Seal – provides a seating surface that blocks wellbore fluid before it enters the check valve spring cavity
- Optimized System Integration – Designed to pair seamlessly with the TruCheck Injection Valve
- Robust Construction – Built from high-quality materials for durability in harsh downhole environments

### Benefits

- Protects the main spring from plugging and debris buildup
- Extends service life of TruCheck Injection Valves
- Ensures consistent chemical injection performance over time

Our TruCheck Defender reflects Republic Oil Tools Republic Oil Tools commitment to solving real world artificial lift and flow assurance challenges. By addressing a common failure mode in chemical injection valves, the Defender enhances reliability, extends run life, and protects production integrity. For more information, visit [www.republicoiltools.com](http://www.republicoiltools.com)

