



# INTRODUCING THE **ONE PLUG** TO CONQUER THEM ALL



## PIERCEPOINT✦ TTB PLUG

The only cementing-wedging plug to deploy directly through the bit. No drill rod removal required.

### **PULL THE PLUG ON ROD TRIPPING.**

Eliminating unnecessary drill rod removal, the Piercepoint TTB Plug can be configured, loaded and deployed in a fraction of the time, at a fraction of the cost, straight through the bit. Its mechanical properties also give it the versatility required to excel at numerous applications including cementing, wedging, grouting, geotechnical, and reclamation. Compared to our competitors' plugs, there is simply no better solution available today.



**Save Time**

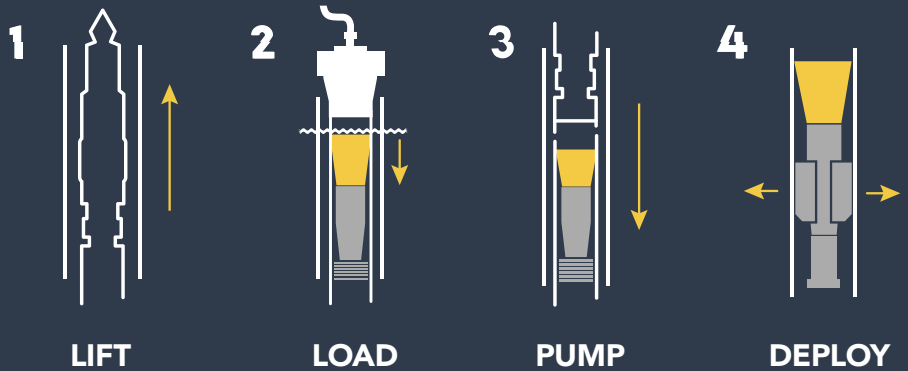


**Save Money**



**Avoid Issues**

# PIERCEPOINT<sup>+</sup> TTB PLUG



## 1. LOADING CHAMBER CAP

Attaches to the loading chamber and water hose to seat the Piercepoint TTB Plug inside your inner tube assembly. Remove cap and loading chamber after seating the plug.

## 2. YELLOW FOAM SEAL

Threaded into the TTB Plug through the loading chamber and compressed into inner tube using low water pressure. Lubricate with biodegradable oil to assist entry.

## 3. LOADING CHAMBER

Attaches to inner tube w/ TTB Plug inserted. Water bypass hole at bottom indicates when the plug has been correctly seated.

## 4. TTB PLUG

Tapered to engage spring-loaded feet following deployment through the inner tube and smooth lifter case.

## 5. SPRING-LOADED FEET

Locks the plug against the walls of the drill hole at the desired depth by tapering to the plug body. Cut zip tie after inserting into inner tube.

## 6. INNER TUBE

TTB Plug deploys through standard inner tube with smooth lifter case attached.

## 7. BACK END

Uses a standard back end and retains the landing shoulder.

## 8. LANDING INDICATOR BALL AND SEAT

Standard component inserted into lower latch body.

## 9. LOWER LATCH BODY

Adapter directs water through the lower latch body and adjustable tube adapter.

## 10. ADJUSTABLE TUBE ADAPTER

Directs water into inner tube, used to deploy TTB Plug down hole.

## 11. SMOOTH LIFTER CASE

Replaces core lifter case to facilitate smooth ejection of the TTB plug into the hole.



SEE THE FUTURE BEFORE IT HAPPENS.  
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