



# LIVE SERVICE INSERTION REMOVAL TOOL



GAS



WATER



NUCLEAR

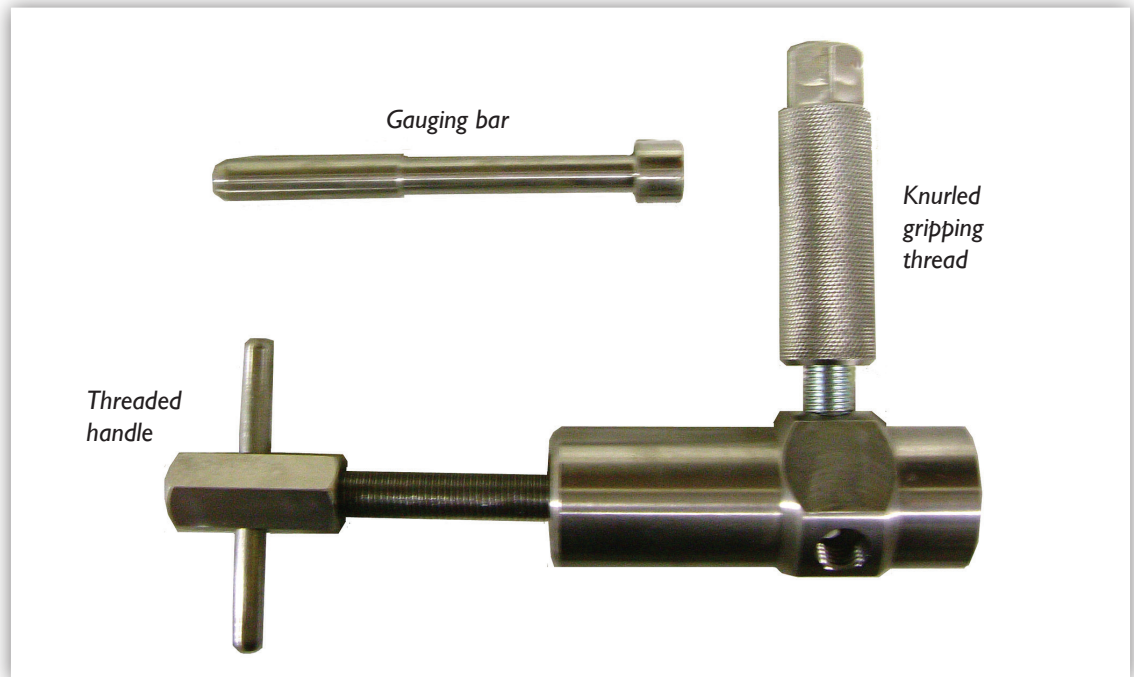


CONTRACT  
SERVICES

Easily removes a section of metallic pipe which has been 'live' inserted with PE

**Cutting through a live inserted metallic service to expose the PE has traditionally proved difficult.**

**This tool makes the operation easy and gives a reliable accurate cut avoiding damage to the PE.**



## EASY AS 1, 2, 3!



①

*Cut the inserted metallic service using a Steve Vick International wheel cutter - special depth stops prevent damage to the PE*



②

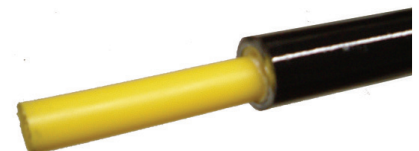
*Insert gauging/strengthening bar*



③

*Fit Removal Tool and screw in to release severed section*

**The Service Removal Tool completely removes a section of metallic pipe exposing the PE**



## METHOD

The live inserted service is cut through near to the parent main (which has been disconnected from the network) using a hacksaw.

Using the groove on the Gauging Bar as a guide, score the service pipe (diagram 1), then line up the Steve Vick International Wheel Cutter with the score mark. Using forward and backward strokes, cut the metallic pipe - the specially adapted wheel cutter has depth stops to prevent damage to the PE.



*Diagram 1: Using the groove on the Gauging Bar as a guide, the service pipe is scored at the cutting point*

The gauging bar is then pushed into the PE to act as a strengthener (diagram 2).

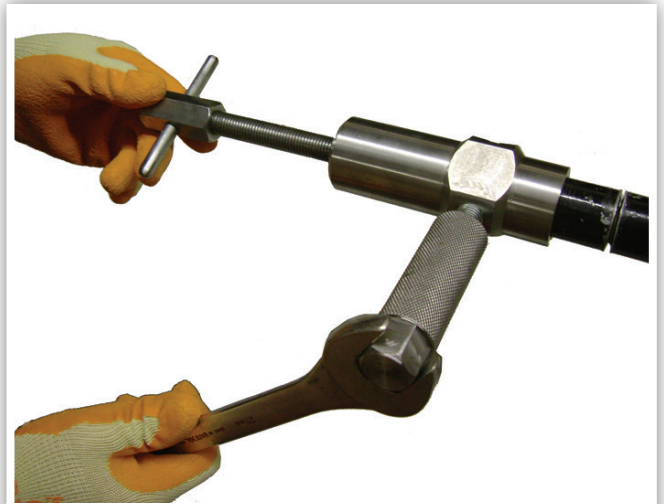


*Diagram 2: Gauging Bar also acts as a strengthener*

**The easy way to expose a section of PE in 'live' inserted metallic services**

Using grips, the cut section of service together with cured foam sealant can then be severed from the remainder with one quarter turn only in each direction.

The Service Removal Tool is then fitted to the end of the gauging bar; once positioned it is locked in place (diagram 3).



*Diagram 3: The Live Service Removal Tool locked in place*

In order to remove the cut section, rotate the threaded handle. The severed metallic service will be pulled away from the remaining service leaving the inserted PE pipe exposed (diagram 4).



*Diagram 4: The severed section of metallic pipe and cured foam sealant is pulled away*

After verifying that there is no damage to the PE, the renewed service can be transferred to the main as required.

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