

Sir William Smith Road,
Kirkton Industrial Estate,
Arbroath, Angus, Scotland
U.K. DD11 3RD
Tel. : +44 (0) 1241 877776
Fax : +44 (0) 1241 871037
E-mail: PioneerOilTools@btinternet.com



PIONEER LEAD SEAL CEMENTING CASING PATCHES LCP SERIES

PIONEER Lead Seal Cementing Casing Patches incorporate compression actuated multiple Lead Seal Assemblies and a valving arrangement to allow cementing as soon as it is set.

This Patch forms a permanent, sealed connection, cemented in one run, the seals, cast from commercially pure lead are impervious to most well fluids and gases.

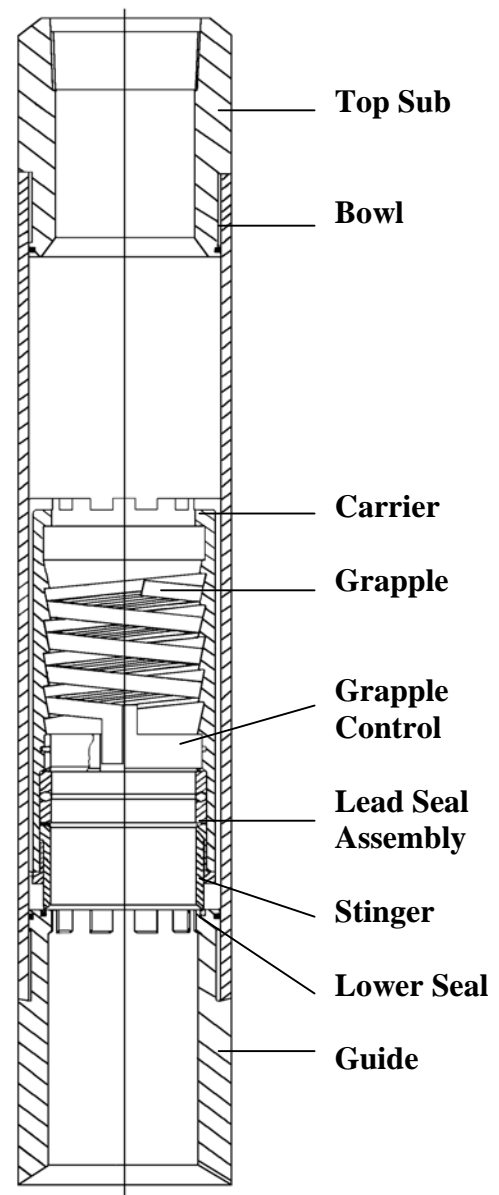
OPERATION

The assembled Patch is run in on the Casing String and lowered over the end of the existing casing, which has been washed-over and milled prior to running Patch, it is then lifted so that as the outer Body parts move up, the Grapple and its Carrier maintain position, compressing the Seals and forming the first seal.

The Running String is now lowered, this pushes the Grapple Carrier and Stinger up into the outer body and opens the valve formed between the lower seal and the Stinger. Cement can now be pumped through thereby fixing the Patch and Running String in position.

NOTE

PIONEER manufacture a wide range of Fishing and Retrieval Tools. Contact our Sales Office and discuss your requirements.



“QUALITY + DELIVERY IS OUR PRIORITY”