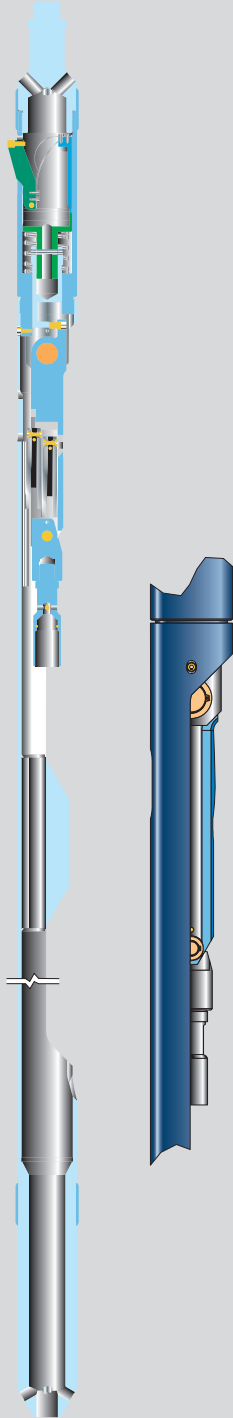


XL Series Kickover Tool

Schlumberger

The XL series kickover tool.



The Schlumberger XL series kickover tool is a wireline service tool used to install and retrieve flow control devices in XLift* high-pressure gas lift system series side pocket mandrels.

The kickover tool is run into the well using standard slickline techniques. As the tool string is pulled back up through the side pocket mandrel, the locating finger contacts the helical profile of the orienting sleeve and rotates the kickover tool into the correct position so that the flow control device is aligned with the mandrel pocket.

The locating finger shoulders in the top of the trigger slot in the orienting sleeve of the mandrel. An upward pull of more than 150 lbf on the slickline unit weight indicator will move a half dog retaining screw in the arm adapter from the pedestal of the kickover tool plunger. This screw movement enables the kick springs to pivot the arm, with the attached pulling tool or running tool and valve, into the kicked over position. The orienting guide sleeve in the mandrel provides positive alignment and installation/retrieval of the flow control device. For retrieval once the valve and latch have been installed in the pocket, the running tool is locked onto the fishing neck of the latch. An upward jarring of this tool will remove the latch and valve or release the running tool from the latch. The kickover tool is moved upward until the finger again shoulders in the orienting sleeve. Further upward jarring shears a pin in the finger housing and release plunger assembly to permit the kickover tool to pass through the mandrel and through all mandrels above the one in which the wireline operation was performed.

Applications

- XL series side pocket mandrels

Benefits

- Inexpensive to use, requiring only standard slickline service techniques
- Reliable, long-term performance with rugged field tested design

Features

- Offers industry-standard top connection
- Accepts industry-standard running and pulling tools
- Designed for operation in deviated wells

XL Series Kickover Tool Specifications

Size	4.500 in [114.3 mm]	5.500 in [139.7 mm]
Type	XL	XL
Tubing ID	3.958 in [100.5 mm]	4.767 in [121.1 mm]
Max. tool OD	3.708 in [94.2 mm]	4.500 in [114.3 mm]
Connecting thread	1 $\frac{1}{8}$ (10 threads per in)	1 $\frac{1}{8}$ (10 threads per in)
Mandrel type	XL series	XL series

Secondary accessories

Pulling tool	2.000-in JDC type
Mandrel series	XLG

www.slb.com/xlift

06-AL-074 August 2006
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Produced by Schlumberger Marketing Communications

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