WIRELINE ADAPTER KIT

FOR ASW RETRIEVABLE BRIDGE PLUG

8-5/8" THRU 14"

Manual No:
DL-723-8625-577
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A) DESCRIPTION

The D&L Wireline Adapter Kit (WLAK) for ASW Retrievable Bridge Plugs is used to set ASW Retrievable Bridge Plugs on electric wireline or with a hydraulic setting assembly on tubing. The WLAK for ASW Retrievable Bridge Plugs is designed to be used on a Baker E-4 wireline powder charge or hydraulic setting assembly or any setting assembly with the same configuration.

The WLAK automatically disonnects from the bridge plug during packer setting to be easily retrieved and prepared to run again.

NOTE$_1$: Refer to applicable ASW Retrievable Bridge Plug technical manual for plug specific technical information including operating procedures and plug disassembly and assembly.

NOTE$_2$: Pressure setting assembly sold separately.

NOTE$_3$: A 30 second burn on the wireline setting tool is required to ensure a proper set of the packer. A burn time less than 30 seconds may shear the setting tool off of the packer before fully setting the packer.

B) SPECIFICATION GUIDE

CASING SIZE (INCHES)	**TOOL OD** (INCHES)	**PRESSURE SETTING TOOL**	**PART NUMBER**
8-5/8" – 14"	6.000	#20 BAKER E-4	72385

C) OPERATING PROCEDURES

Assemble WLAK to bridge plug and pressure setting assembly. Run assembly to the desired depth. Follow pressure setting assembly manufacturer's procedures for setting equipment. The WLAK disconnects from the bridge plug as part of the setting procedure. After setting bridge plug, retrieve setting assembly and disassemble.

D) RECOMMENDED HAND TOOLS

- VISE
- GLOVES
- ALLEN WRENCHES
- TAPE MEASURE
- O-RING PICK
- BAR
  - 1/2-INCH
  - 3/4-INCH
- PAINT BRUSH, 2-INCH
- PIPE WRENCH, 3-FT (2 EA)
- "CHEATER" PIPE, 4-FT LONG
- ADJUSTABLE WRENCH, 12-INCH
- CORDLESS DRILL, 18V
- SNAP RING SPREADER PLIERS
- ALIGNING PUNCH
- SCREWDRIVER SET, FLAT-TIPPED
- SOCKET SETS
  - 3/8-INCH DRIVE
  - 1/2-INCH DRIVE
- HAMMERS
  - SLEDGE
  - BALL PEEN
  - DEAD BLOW

D & L OIL TOOLS
P.O. BOX 52220 TULSA, OK 74152
PHONE: (800) 441-3504 www.dloiltools.com

E) ASSEMBLY ONTO PRESSURE SETTING ASSEMBLY AND BRIDGE PLUG

NOTE$_4$: Clean and inspect all parts. Replace all worn and damaged parts. Install parts in proper order and orientation.

E-1) Slide setting sleeve assembly (1) over lower end of pressure setting assembly.

NOTE$_5$: Pressure setting assembly is not part of WLAK and is not shown.

E-2) With setting sleeve assembly (1) slid up and out-of-the-way, screw outer adapter (3) onto pressure setting assembly.

E-3) Screw set screws (5) into outer adapter (3).

E-4) Screw inner adapter (2) onto pressure setting assembly.

E-5) Screw set screws (6) into inner adapter (2).

E-6) Install pulling head of bridge plug onto bottom of inner adapter (2).

E-7) Align holes in pulling head of bridge plug with holes in inner adapter (2). Tap Driv-Lok pins (DLP) into holes in pulling head and inner adapter (2).

E-8) Slide down setting sleeve assembly (1) over outer adapter (3). Screw setting sleeve assembly (1) onto outer adapter (3) until bottom of setting sleeve assembly (1) shoulders upper slip support of bridge plug.

E-9) Screw set screws (4) into setting sleeve assembly (1).

F) DISASSEMBLY

F-1) Unscrew and remove set screws (4) from setting sleeve assembly (1).

F-2) Unscrew setting sleeve assembly (1) from outer adapter (3). Move setting sleeve assembly (1) up and out-of-the-way temporarily.

F-3) Unscrew and remove set screws (6) from inner adapter (2).

F-4) Unscrew and remove inner adapter (2) from pressure setting assembly.

F-5) Remove sheared Driv-Lok pins (DLP) from inner adapter (2).

F-6) Unscrew and remove set screws (5) from outer adapter (3).

F-7) Unscrew and remove outer adapter (3) from pressure setting assembly.

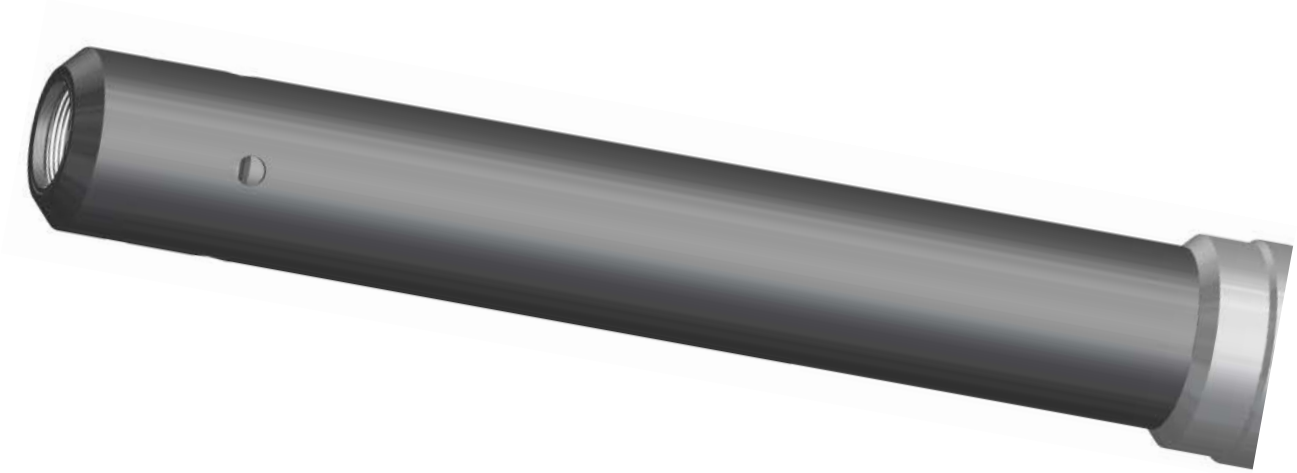
F-8) Remove setting sleeve assembly (1) from pressure setting assembly.

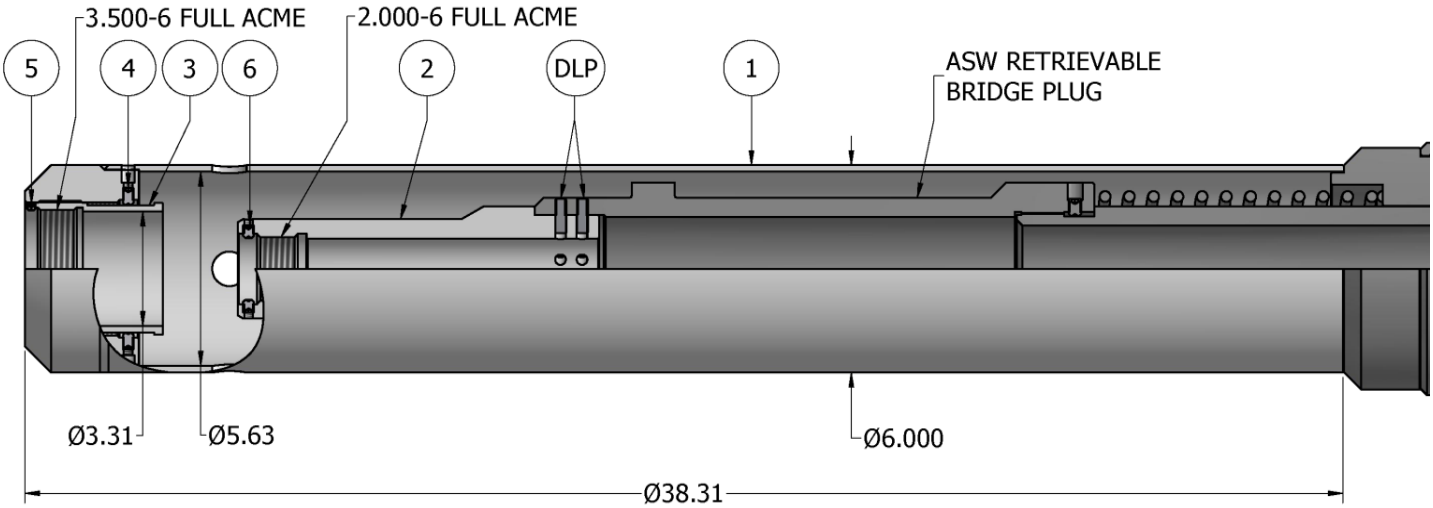
G) PARTS LIST

ITEM	QTY	DESCRIPTION	MATERIAL	P/N 72385
1	1	SETTING SLEEVE ASSEMBLY	P-110	72385470
2	1	INNER ADAPTER	P-110	72385460
3	1	OUTER ADAPTER	P-110	97120102
4	2	SET SCREW 5/16-18 UNC X 1/2	STEEL	SSS031C050
5	1	SET SCREW 1/4-20 UNC X 3/16	STEEL	SSS025C018
6	2	SET SCREW 5/16-18 UNC X 3/8	STEEL	SSS031C037
DLP	10	DRIV-LOK PIN	Refer to bridge plug tech manual	

ASSEMBLED WEIGHT		65 LBS

H) TECHNICAL ILLUSTRATION





I) REVISION HISTORY

DATE	REVISION	DESCRIPTION OF CHANGES	REVISED BY	APPROVED BY
12/03/13	A	Created new manual.	-	-