



WIRELINE ADAPTER KIT

FOR ASW RETRIEVABLE BRIDGE PLUG

4-1/2" X 2-3/8"

Manual No:
DL-723-4500-545

Revision: **C**

Revision Date:
04/09/2021

Authored by: J.Anderson

Approved by: D.Hushbeck

A) DESCRIPTION

The D&L Wireline Adapter Kit (WLAK) for ASW Retrieable Bridge Plugs is used to set ASW Retrieable Bridge Plugs on electric wireline or with a hydraulic setting assembly on tubing. The WLAK for ASW Retrieable 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 disconnects from the bridge plug during packer setting to be easily retrieved and prepared to run again.

NOTE₁: Refer to applicable ASW Retrieable Bridge Plug technical manual for plug specific technical information including operating procedures and plug disassembly and assembly.

NOTE₂: Pressure setting assembly sold separately.

B) SPECIFICATION GUIDE

CASING		TUBING OD (INCHES)	TOOL OD (INCHES)	PRESSURE SETTING TOOL	PART NUMBER
SIZE (INCHES)	WEIGHT (LBS/FT)				
4-1/2	9.5 - 13.5	2-3/8	3.750	#10 BAKER E-4	72345
	15.1	2-3/8	3.650	#10 BAKER E-4	72344
	15.1 – 16.6	2-3/8	3.620	#10 BAKER E-4	72341

C) PRE-INSTALLATION INSPECTION PROCEDURES

Before first use, D&L recommends disassembly and inspection of the tool unless stated otherwise. Ensure parts have not been damaged during shipping. Replace damaged parts with D&L replacement parts. Contact D&L sales for replacement part information.

Re-assemble the tool after inspection. Install parts in the correct order and orientation.

Before re-using the tool, D&L recommends disassembly and inspection of the tool. Clean parts and ensure parts are in good working condition. Replace worn or damaged parts with D&L replacement parts.

D) 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.

E) STORAGE PROCEDURES

When preparing the tool for storage, follow the Pre-Installation Inspection Procedures. Re-assemble the tool with connections hand-tight only and in running position if applicable.

Store the tool, if possible, in an enclosed, temperature and humidity controlled environment. Avoid excessively high temperatures over long periods of time. Keep tool dry and protected from condensation. Do not store in contact with or near volatile or corrosive chemicals. Do not store near ozone generating equipment or operations such as welding.

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



WIRELINE ADAPTER KIT

FOR ASW RETRIEVABLE BRIDGE PLUG

4-1/2" X 2-3/8"

Manual No:
DL-723-4500-545

Revision: **C**

Revision Date:
04/09/2021

Authored by: J.Anderson

Approved by: D.Hushbeck

F) 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

G) ASSEMBLY ONTO PRESSURE SETTING ASSEMBLY AND BRIDGE PLUG

NOTE₃: Clean and inspect all parts. Replace all worn and damaged parts. Install parts in proper order and orientation.

G-1) Slide setting sleeve assembly (3) over lower end of pressure setting assembly.

NOTE₄: Pressure setting assembly is not part of WLAK and is not shown.

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

G-3) Screw set screws (5) into outer adapter (1).

G-4) Screw inner adapter (2) into pressure setting assembly.

G-5) Install pulling head of bridge plug onto bottom of inner adapter (2).

G-6) 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).

G-7) Slide down setting sleeve assembly (3) over outer adapter (1). Screw setting sleeve assembly (3) onto outer adapter (1) until bottom of setting sleeve assembly (3) shoulders upper slip body of bridge plug.

G-8) Screw set screws (4) into setting sleeve assembly (3).

H) DISASSEMBLY

H-1) Unscrew and remove set screws (4) from setting sleeve assembly (3). Move setting sleeve assembly (3) up and out-of-way temporarily.

H-2) Unscrew and remove set screws (5) from outer adapter (1).


H-3) Unscrew setting sleeve assembly (3) from outer adapter (1).

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

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

H-6) Unscrew and remove outer adapter (1) from pressure setting assembly.

H-7) Remove setting sleeve assembly (3) from pressure setting assembly.

	WIRELINE ADAPTER KIT	Manual No: DL-723-4500-545
	FOR ASW RETRIEVABLE BRIDGE PLUG	Revision: C
	4-1/2” X 2-3/8”	Revision Date: 04/09/2021
Authored by: J.Anderson		Approved by: D.Hushbeck

I) PARTS LIST

ITEM	QTY	DESCRIPTION	MATERIAL	9.5 – 13.5# P/N 72345	15.1# P/N 72344	15.1 – 16.6# P/N 72341
1	1	OUTER ADAPTER	P-110	97110102		
2	1	INNER ADAPTER	L-80	72345461C		
3	1	SETTING SLEEVE ASSEMBLY	1026	72341470	72344470	72345470
4	2	SET SCREW 5/16-18 UNC X 3/8	STEEL	SSS031C037		
5	2	SET SCREW 1/4-20 UNC X 1/4	STEEL	SSS025C025		
DLP	6	DRIV-LOK PIN (4800#) 5/16 X 5/8	-	Refer to Bridge Plug technical manual.		
ASSEMBLED WEIGHT				20 LBS	16 LBS	15 LBS



WIRELINE ADAPTER KIT

FOR ASW RETRIEVABLE BRIDGE PLUG

4-1/2" X 2-3/8"

Manual No:
DL-723-4500-545

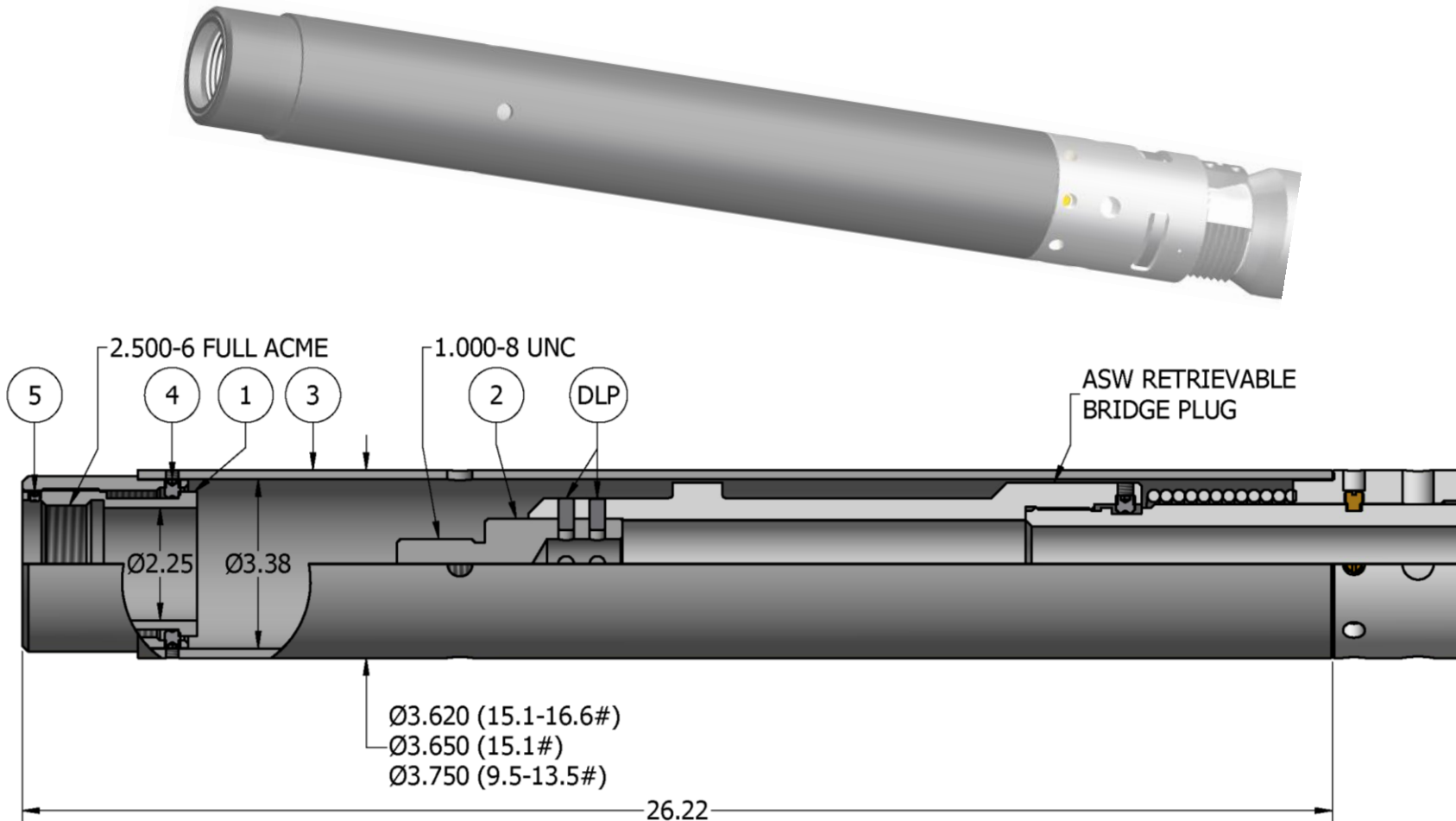
Revision: **C**


Revision Date:
04/09/2021

Authored by: J.Anderson

Approved by: D.Hushbeck

J) TECHNICAL ILLUSTRATION



	WIRELINE ADAPTER KIT FOR ASW RETRIEVABLE BRIDGE PLUG 4-1/2" X 2-3/8"		Manual No: DL-723-4500-545
			Revision: C
			Revision Date: 04/09/2021
<i>Authored by: J.Anderson</i>		<i>Approved by: D.Hushbeck</i>	

K) REVISION HISTORY

DATE	REVISION	DESCRIPTION OF CHANGES	REVISED BY	APPROVED BY
04/09/2021	C	Revised SSS025C025 was SSS025C018	J.Anderson	E.Visaez
03/27/15	B	Added Pre-Installation Inspection and Storage Procedures; Revised Driv-lok pin qty was 8	J.Anderson	B.Bishop
03/13/13	A	Created new manual.	J.Anderson	D.Hushbeck