



**WIRELINE ADAPTER KIT**  
**FOR 5-1/2" WR SET BRIDGE PLUG**  
**W/ #20 HYDRAULIC SETTING TOOL**

Manual No:  
**DL-735-5500-834**

Revision: **B**

Revision Date:  
**11/09/2015**

Authored by: *B.Mathis*

Approved by: *R.Dyer*

**A) DESCRIPTION**

The Wireline Adapter Kit (WLAK) for the WR Bridge Plug is used to set the WR Bridge Plug on electric wireline or with a hydraulic setting assembly on tubing. The WLAK for WR Bridge Plug 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 WR Bridge Plug during packer setting to be easily retrieved and prepared to run again.

**NOTE<sub>1</sub>:** Refer to applicable Wireline Set Bridge Plug technical manual for plug specific technical information including operating procedures and plug disassembly and assembly.

**NOTE<sub>2</sub>:** Pressure setting assembly sold separately.

**B) RELATED TOOLS (sold separately)**

B-1) 5-1/2" WR Set Bridge Plugs (PN varies)—refer to applicable technical manual.

**C) SPECIFICATION GUIDE**

TOOL OD (INCHES)	PRESSURE SETTING TOOL	PART NUMBER
4.50	#20 BAKER E-4	73557-20

**D) OPERATING PROCEDURES**

Assemble WLAK to WR 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) 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

**F) STORAGE RECOMMENDATIONS**

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.

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



# WIRELINE ADAPTER KIT

FOR 5-1/2" WR SET BRIDGE PLUG

W/ #20 HYDRAULIC SETTING TOOL

Manual No:  
**DL-735-5500-834**

Revision: **B**

Revision Date:  
**11/09/2015**

Authored by: *B.Mathis*

Approved by: *R.Dyer*

## G) ASSEMBLY ONTO PRESSURE SETTING ASSEMBLY AND BRIDGE PLUG

**NOTE<sub>3</sub>:** Clean and inspect all parts. Replace all worn and damaged parts. Install parts in proper order, and orientation and tighten/torque all connections properly.

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

**NOTE<sub>4</sub>:** Pressure setting assembly is not part of WLAK and is not shown.

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

G-3) Screw set screws (3) into outer adapter (2).

G-4) Screw shear stud adapter (5) onto WR Bridge Plug.

G-5) Screw made up shear stud adapter (5) and WR Bridge Plug onto pressure setting assembly.

G-6) Slide setting sleeve assembly (1) down over outer adapter (2). Screw setting sleeve assembly (1) onto outer adapter (2) until lower end of setting sleeve assembly (1) shoulders up to upper gage ring on WR Bridge Plug.

G-7) Screw set screws (4) into setting sleeve assembly (1).

## H) DISASSEMBLY

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

H-2) Unscrew setting sleeve assembly (1) from outer adapter (2).

H-3) Unscrew and remove WR Bridge Plug from shear stud adapter (5).

H-4) Unscrew and remove shear stud adapter (5) from pressure setting assembly.

H-5) Unscrew and remove set screws (3) from outer adapter (2).

H-6) Unscrew and remove outer adapter (2) from pressure setting assembly.

## I) PARTS LIST

ITEM	QTY	DESCRIPTION	MATERIAL	PART NUMBER
1	1	SETTING SLEEVE ASSEMBLY	DLMS110 / DLMS60	73557470
2	1	OUTER ADAPTER	DLMS110	97120102
3	2	SET SCREW 1/4-20 UNC X 3/16	STEEL	SSS025C018
4	2	SET SCREW 5/16-18 UNC X 3/8	STEEL	SSS031C037
5	1	SHEAR STUD ADAPTER	DLMS110	73557902

ASSEMBLED WEIGHT	46 LBS
------------------	--------



**WIRELINE ADAPTER KIT**  
 FOR 5-1/2" WR SET BRIDGE PLUG  
 W/ #20 HYDRAULIC SETTING TOOL

Manual No:  
**DL-735-5500-834**

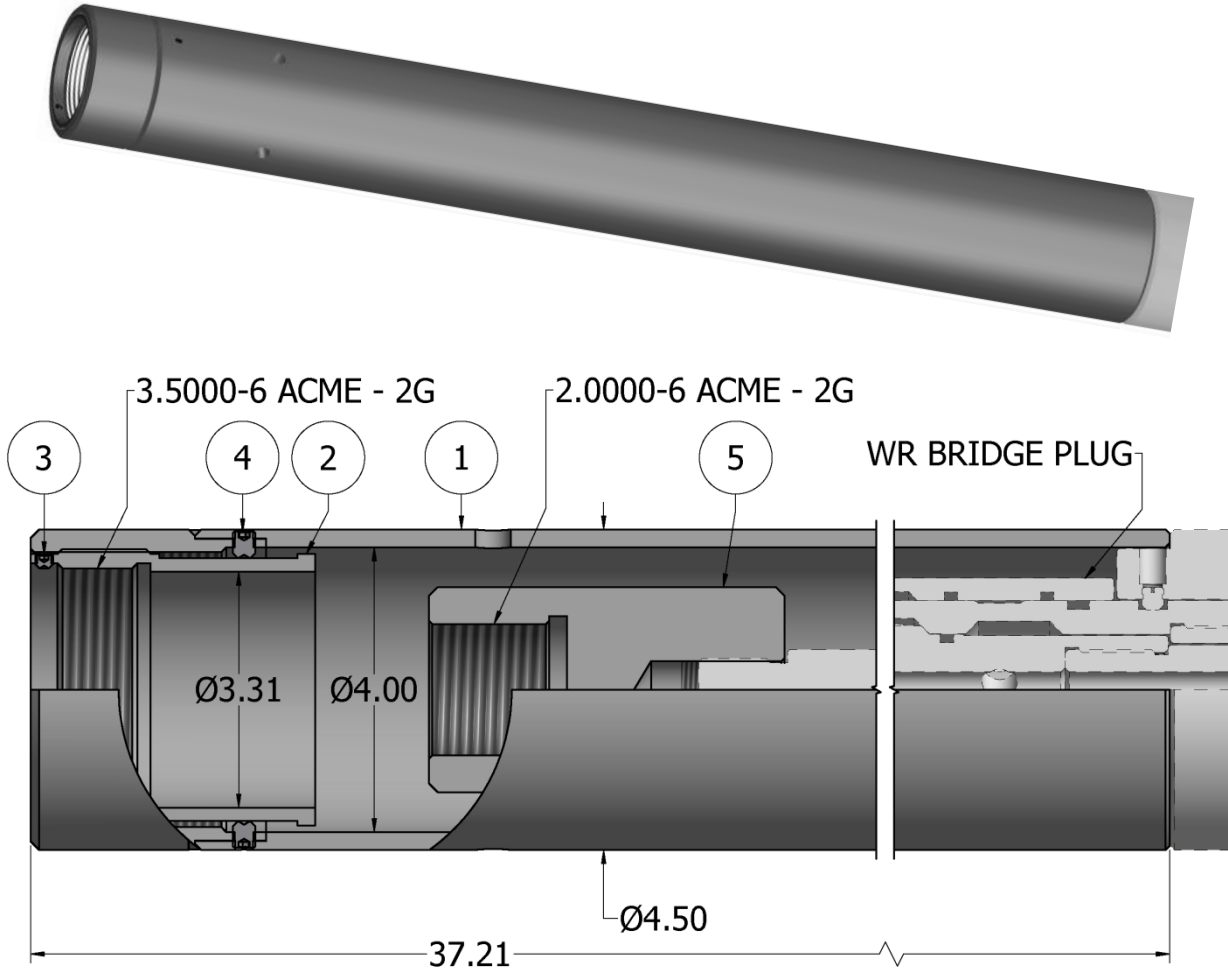
Revision: **B**

Revision Date:  
**11/09/2015**

Authored by: *B.Mathis*

Approved by: *R.Dyer*

**J) TECHNICAL ILLUSTRATION**



**K) REVISION HISTORY**

DATE	REVISION	DESCRIPTION OF CHANGES	REVISED BY	APPROVED BY
11/09/2015	B	Added P/N 73557902; Revised assembled weight 46 lbs was 76 lbs	J.Anderson	R.Dyer
03/06/2015	A	Created new tech manual.	-	-