



**ASW (WIRELINE SET)  
RETRIEVABLE BRIDGE PLUG  
RIGHT-HAND SET / RIGHT-HAND RELEASE  
6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

## A) DESCRIPTION

The ASW Retrievable Bridge Plug is a high pressure plug for multiple zone and selective single zone operations such as acidizing, fracturing, cementing and testing. It features a large internal by-pass to reduce swabbing when running and retrieving. The by-pass closes during the setting of the plug and opens prior to releasing the upper slips to equalize pressure when unsetting. The by-pass is located directly below the upper slips to help wash debris when the by-pass is open.

This tool is a version of the AS Retrievable Bridge Plug that allows the plug to be set on wireline or with a hydraulic setting tool, and retrieved with tubing. It cannot be reset in the wellbore once it is unset, but it can be pulled, re-dressed and run again. A Wireline Adapter Kit is required for this version.

**CAUTION<sub>1</sub>:** When running this tool with a packer, make sure the J-slots in the plug, running/ retrieving tool, and packer are all compatible

**NOTE<sub>1</sub>:** This packer requires at least a 30 second burn on the wireline setting tool to ensure a proper set. A burn time less than 30 seconds may shear the setting tool off of the packer before fully setting the packer.

## B) RELATED TOOLS (sold separately)

B-1) 6-5/8" Wireline Adapter Kit (WLAK) (P/N 72365) - refer to Technical Manual DL-723-6625-972.

B-2) 6-5/8" X 2-7/8" Spring Loaded Retrieving Tool (P/N 57765) – refer to Technical Manual DL-577-6625-239.

## C) SPECIFICATION GUIDE

CASING			GAGE OD (INCHES)	THREAD CONNECTION PIN DOWN	PART NUMBER
SIZE (INCHES)	WEIGHT (LBS/FT)	RECOMMENDED HOLE SIZE (INCHES)			
6-5/8	24.0 – 32.0	5.675 – 5.921	5.500	2-3/8 EUE	72465RR 72465RRH <sup>1</sup> 72465RRV <sup>2</sup>

Elastomer Trim Options: <sup>1</sup>HSN, <sup>2</sup>Viton

**NOTE<sub>2</sub>:** Tool listed is right-hand set / right-hand release. Additional J-slot designs are available.

DIFFERENTIAL PRESSURE (MAX)	HANGING WEIGHT ON SET TOOL (MAX)	TENSILE LOAD THRU TOOL (MAX)	TORQUE THRU TOOL (MAX)
10,000 PSI	80,000 LBS <sup>†</sup>	80,000 LBS	2,000 FT-LBS

<sup>†</sup>Casing must be cemented for this load rating.

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



# ASW (WIRELINE SET) RETRIEVABLE BRIDGE PLUG RIGHT-HAND SET / RIGHT-HAND RELEASE 6-5/8" W/ 2-3/8" EUE (PIN DOWN)

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

## D) PRE-INSTALLATION INSPECTION PROCEDURES

**CAUTION<sub>2</sub>:** D&L ships tool connections made-up **HAND TIGHT**—labeled with hand-tight tape on the tool (Fig. 1)—unless stated otherwise. Tighten/torque all connections properly before operating tool.

Fig. 1



GENERAL THREAD CONNECTION TORQUE RECOMMENDATIONS			
STUB ACME / ACME THREADS	INTERNAL TAPERED TUBING THREADS		PREMIUM THREADS
	UP TO 2-3/8"	GREATER THAN 2-3/8"	
600 – 800 FT-LBS	600 – 800 FT-LBS	800 – 1,200 FT-LBS	Consult thread manufacturer's recommendations.

GENERAL SCREW TORQUE RECOMMENDATIONS									
SCREW SIZE (INCHES)	#6	#8	#10	1/4	5/16	3/8	7/16	1/2	5/8 and larger
TORQUE RANGE (INCH-POUNDS)	5 – 8	10 – 15	18 – 25	25 – 40	50 – 80	90 – 135	160 – 210	250 – 330	450 - 650

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. Properly tighten connections.

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.

When redressing the tool, D&L recommends replacement of all seals, elements, o-rings, shear screws, etc. Contact D&L sales for redress kit and/or other replacement part information.

## E) SETTING PROCEDURE

**CAUTION<sub>3</sub>:** Do not run the tool without properly tightening connections. Running the tool with loose connections may damage the tool and cause malfunction.

**CAUTION<sub>4</sub>:** Lift the AS Retrieable Bridge Plug by placing the sling or chain just below the pulling head. **DO NOT** lift the bridge plug by the upper slip body assembly (Fig. 2).



Fig. 2

The ASW Retrieable Bridge Plug is attached to a wireline setting tool (Size #20 Baker E-4 Wireline Setting Assembly or similar) via a Wireline Adapter Kit (WLAK). When attaching the inner adapter to the ASW Bridge Plug, Driv-Lok pins should be used to ensure proper setting.

Once the setting tool and ASW Retrieable Bridge Plug are run to setting depth, the setting tool is activated. The ASW Retrieable Bridge Plug will set and the adapter kit will shear loose.

**NOTE<sub>1</sub>:** This packer requires at least a 30 second burn on the wireline setting tool to ensure a proper set. A burn time less than 30 seconds may shear the setting tool off of the packer before fully setting the packer.

When set with a hydraulic setting tool, the ASW Retrieable Bridge Plug is also attached with an adapter kit to the setting tool. Pressure, or pressure and tension, are used to set the plug and shear loose.



**ASW (WIRELINE SET)  
RETRIEVABLE BRIDGE PLUG  
RIGHT-HAND SET / RIGHT-HAND RELEASE  
6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

## F) RELEASING PROCEDURES

Lower work string until the retrieving tool automatically latches to the ASW Retrievable Bridge Plug. Sand may be washed from the upper slip by circulating through the upper portion of the plug. Slack off weight, hold right-hand torque pick up to open the by-pass valve, and wait until differential pressure has equalized. Continue upward movement to release upper slips, relax packing elements and re-latch. The tool may now be removed or re-located.

### F-1) EMERGENCY RELEASE

If the plug will not release conventionally, slack off re-set, then pick straight up to shear J-pins and release the plug (standard J-pins will shear at 40,000 lbs each – refer to Parts List for J-pins with other shear values) Once the J-pins are sheared, the tool cannot be moved down hole.

**NOTE<sub>3</sub>:** Contact D&L Engineering if running tool equipped with lower than standard value shear J-pins.

## G) STORAGE RECOMMENDATIONS

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. Elements should be in a relaxed state—free from tension, compression, and other stresses that could cause deformation.

Store the tool, if possible, in an enclosed, temperature and humidity controlled environment. Avoid excessively high temperatures over long periods of time. Shield elastomeric parts from ultraviolet light sources. 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.

## H) PRESSURE AFFECTED AREA GUIDE

When set downhole, the packer mandrel is subjected to a force created by differential pressure above or below the packer that acts on the pressure affected area (i.e., the piston effect). Depending on the tubing size and weight and the seal area of the packer the force created by differential pressure acts upwards or downwards on the packer mandrel. An upward force, designated as a negative (-) value, acts to push the packer mandrel up hole and must be accounted for when releasing the packer. A downward force, designated as a positive value, acts to push the packer mandrel down hole and must be accounted for when releasing the packer. Other factors (e.g., tubing movement due to temperature change) must be considered separately to determine all the forces acting on the packer.

PACKER SIZE (INCHES)	PRESSURE AFFECTED AREA (SQ. INCHES)	
	ABOVE	BELOW
6-5/8	4.312 (DOWN)	-4.312 (UP)

**Example:** Consider a 6-5/8" AS Bridge Plug set on tubing with a differential pressure of 3,000 psi in the annulus around the tubing above the packer. What is the force acting on the seal area of the mandrel?

To calculate the force (lbs) acting on the seal area of the mandrel, refer to the Pressure Affected Area Guide for a 6-5/8" AS Bridge Plug. In this example, the differential pressure from above the packer acts on the seal area of the packer mandrel across a pressure affected area of 4.312 in<sup>2</sup>. Multiplying the differential pressure (3,000 psi) by the pressure affected area (4.312 in<sup>2</sup>) results in a force of 12,936 lbs. The piston effect on the packer mandrel is a downward force of 12,936 lbs.



**ASW (WIRELINE SET)  
RETRIEVABLE BRIDGE PLUG  
RIGHT-HAND SET / RIGHT-HAND RELEASE  
6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

## I) ELASTOMER TRIM TEMPERATURE GUIDE

NITRILE (STD)			
TEMPERATURE RANGE (F°)	DUROMETER		
	END	MIDDLE	END
40° - 125°	80	70	80
125° - 250°	90	70	90
150° - 250°	90	80	90
250° +	Contact D&L Sales		

RUBBER TYPE	TEMPERATURE RANGE (F°)
NITRILE	40° - 250°F
HSN (HNBR)	70° - 300°F
VITON	100° - 350°F

## J) 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

## K) DISASSEMBLY

K-1) Clamp upper cone (9) in vise.

K-1.1) From lower end of tool, rotate and move J-slot mandrel (20) upwards to move J-pins (3) to lower landing in slot on J-slot mandrel (20).

**CAUTION<sub>5</sub>:** Compression spring (4) is compressed with spring tension against upper slip body assembly.

K-1.2) Unscrew and remove set screws (32) from lower end of body extension (35).

K-1.3) Unscrew and remove shear screws (31) from body extension (35).

K-1.4) Unscrew and separate body extension (35) from J-pin body (23) (**NOTE<sub>4</sub>:** Left-hand threads).

**NOTE<sub>5</sub>:** Drag block body assembly must be free to rotate.

K-1.5) Remove J-pins (3) from J-pin body (23).

K-1.6) Remove J-pin body (23) from J-slot mandrel (20).

K-1.7) Unscrew and remove set screws (41) from drag block body (18). Rotate drag block retainer (21) as necessary to access screws.

K-1.8) Unscrew and remove body extension (35) from drag block body (18) (**NOTE<sub>4</sub>:** Left-hand threads).

K-1.8.1) Remove drag block retaining ring (28) from body extension (35).

K-1.9) Unscrew and remove rubber mandrel cap (19) from lower slip sleeve (27).

K-1.10) Wedge slips outward (if needed). Remove drag block body assembly from lower slip sleeve (27) and disassemble:

K-1.10.1) Remove drag block retainer (21) from drag block body (18).

K-1.10.2) Remove wedges (if needed). Remove lower slips (17) and lower slip springs (25) from drag block body (18).

K-1.11) Unscrew and remove set screws (33) from lower slip sleeve (27).

K-1.12) Unscrew and remove lower slip sleeve (27) from rubber mandrel (11).



**ASW (WIRELINE SET)**  
**RETRIEVABLE BRIDGE PLUG**  
**RIGHT-HAND SET / RIGHT-HAND RELEASE**  
**6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

### K) DISASSEMBLY (cont'd)

- K-1.13) Unscrew and remove set screws (33) from J-slot mandrel (20).
- K-1.14) Unscrew and remove J-slot mandrel (20) from sealing mandrel (34).
- K-1.15) Unscrew rubber mandrel (11) from center coupling (10).
- K-1.16) Remove rubber mandrel assembly and disassemble:
  - K-1.16.1) Remove elements (13, 14), rubber spacers (12), and lower cone (16) from rubber mandrel (11).
- K-1.17) Unscrew and remove gage ring (29) from center coupling (10).
- K-1.18) Moving to the upper end of the tool, unscrew and remove set screws (32) from pulling head (1).
- K-1.19) Unscrew and remove pulling head (1) from upper mandrel (2).

**CAUTION<sub>5</sub>:** Compression spring (4) is compressed with spring tension against upper slip body assembly.

  - K-1.19.1) Unscrew and remove spring retaining ring (15) from pulling head (1).
- K-1.20) Remove compression spring (4) from upper mandrel (2).
- K-1.21) Unscrew and remove shear screws (22) from upper slip body (6).
- K-1.22) Wedge slips outward (if needed). Remove upper slip body assembly from upper mandrel (2) and disassemble:
  - K-1.22.1) Unscrew and remove upper slip support (37) from upper slip body (6).
  - K-1.22.2) Remove wedges (if needed). Remove releasing slip (7), upper slips (8) and upper slip springs (26) from upper slip body (6).
- K-1.23) Unscrew and remove set screws (33) from upper mandrel (2). Move mandrel assembly up and clear of upper cone as necessary to access screws.
- K-1.24) Unscrew and remove upper mandrel (2) from sealing mandrel (34).
- K-1.25) Remove plug (5) from sealing mandrel (34).
  - K-1.25.1) Remove o-ring (40) from plug (5).
- K-1.26) Remove sealing mandrel (34) from center coupling (10).
- K-1.27) Unscrew and remove set screws (33) from center coupling (10).
- K-1.28) Unscrew and remove center coupling (10) from upper cone (9).
  - K-1.28.1) Remove seal retaining ring (30) from center coupling (10) or upper cone (9).
  - K-1.28.2) Remove o-ring (39) from center coupling (10).
  - K-1.28.3) Remove bonded seals (24) and internal ring (36) from center coupling (10).
    - K-1.28.3.1) Remove o-rings (38) from bonded seals (24).
- K-2) Unclamp and remove upper cone (9) from vise.

**NOTE<sub>6</sub>:** To redress tool assembly, follow disassembly instructions. It is recommended by D&L Oil Tools to replace all bonded seals, elements, o-rings, shear screws, etc. when redressing tool.

### L) ASSEMBLY

**NOTE<sub>7</sub>:** Clean and inspect all parts. Replace all worn and damaged parts. Install parts in proper order, orientation and tighten/torque all connections properly.

**CAUTION<sub>6</sub>:** To ensure tool operates properly, install o-rings in o-ring grooves **NOT** thread reliefs (Fig. 3).

- L-1) Install retaining ring (30) into upper cone (9).

**CAUTION<sub>7</sub>:** Do not rip or tear o-ring during installation.

- L-2) Clamp upper cone (9) in vise.

- L-2.1) Install o-ring (9) in o-ring groove in center coupling (10).

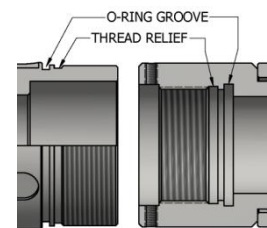


Fig. 3



**ASW (WIRELINE SET)**  
**RETRIEVABLE BRIDGE PLUG**  
**RIGHT-HAND SET / RIGHT-HAND RELEASE**  
**6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

**L) ASSEMBLY (cont'd)**

L-2.2) Install o-rings (38) in o-ring grooves in bonded seals (24).

L-2.3) Install bonded seals (24) and internal ring (36) in center coupling (10).

**CAUTION<sub>7</sub>:** Do not rip or tear o-ring during installation.

L-2.4) Screw center coupling (10) onto upper cone (9).

L-2.5) Screw set screws (33) into center coupling (10).

L-2.6) Install sealing mandrel (34) into center coupling (10).

**CAUTION<sub>8</sub>:** Do not damage bonded seals during installation.

L-2.7) Install o-ring (40) in o-ring groove in plug (5).

L-2.8) Install plug (5) into sealing mandrel (34).

**CAUTION<sub>7</sub>:** Do not rip or tear o-ring during installation.

L-2.9) Screw upper mandrel (2) onto sealing mandrel (34).

L-2.10) Screw set screws (33) into upper mandrel (2).

L-2.11) Assemble upper slip body assembly and install:

L-2.11.1) Install upper slip springs (26), releasing slip (7), and upper slips (8) into upper slip body (6). Wedge slips outward.

**NOTE<sub>8</sub>:** Install two (2ea) springs per slip (Fig. 4).

L-2.11.2) Screw upper slip support (37) into upper slip body (6).

L-2.11.3) Screw set screws (32) into upper slip body (6). Remove wedges.

L-2.11.4) Install upper slip body assembly onto upper mandrel (2). Align threaded holes in upper slip body (6) with pocket holes in upper mandrel (2).

L-2.11.5) Screw shear screws (22) into upper slip body (6). Tighten until shear screws (22) contact upper cone (9). Back shear screws (22) out 1/4 turn.

L-2.12) Install compression spring (4) onto upper mandrel (2).

L-2.13) Screw spring retaining ring (15) onto pulling head (1).

L-2.14) Screw pulling head (1) onto upper mandrel (2).

**CAUTION<sub>5</sub>:** Compression spring (4) will be compressed with spring tension against upper slip body assembly.

L-2.15) Screw set screws (32) into pulling head (1).

L-2.16) Moving to lower end of tool, screw gage ring (29) onto center coupling (10).

L-2.17) Assemble rubber mandrel assembly and install:

L-2.17.1) Install lower cone (16), elements (13, 14), and rubber spacers (12) onto rubber mandrel (11).

L-2.17.2) Install rubber mandrel assembly onto sealing mandrel (34).

L-2.17.3) Screw rubber mandrel (11) into center coupling (10).

**CAUTION<sub>7</sub>:** Do not rip or tear o-ring during installation.

L-2.18) Screw J-slot mandrel (20) onto sealing mandrel (34).

L-2.19) Screw set screws (33) into J-slot mandrel (20).

L-2.20) Screw lower slip sleeve (27) onto rubber mandrel (11).

L-2.21) Screw set screws (33) into lower slip sleeve (32).



Fig. 4





**ASW (WIRELINE SET)**  
**RETRIEVABLE BRIDGE PLUG**  
**RIGHT-HAND SET / RIGHT-HAND RELEASE**  
**6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

**L) ASSEMBLY (cont'd)**

L-2.22) Assemble drag block body assembly and install:

L-2.22.1) Install lower slips (17) and lower slip springs (25) into drag block body (18). Wedge slips outward.

**NOTE<sub>9</sub>:** Install two (2ea) springs per slip (Fig. 5).

L-2.22.2) Install drag block retainer (21) onto drag block body (18).

L-2.22.3) Install drag block body assembly onto lower slip sleeve (27). Remove wedges.

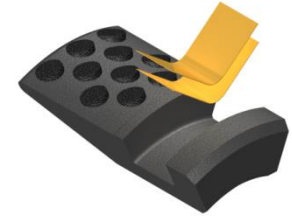


Fig. 5

L-2.23) Screw rubber mandrel cap (19) onto lower slip sleeve (27).

L-2.24) Install drag block retaining ring (28) onto upper end of body extension (35).

L-2.25) Screw body extension (35) onto drag block body (18) (**NOTE<sub>4</sub>:** Left-hand threads).

L-2.26) Screw set screws (41) into drag block body (18). Rotate drag block retainer (21) as necessary to access threaded holes.

L-2.27) Move body extension (35) and drag block body assembly up and out-of-the-way temporarily.

L-2.28) Install J-pin body (23) onto J-slot mandrel (20).

L-2.29) Align holes in J-pin body (23) with lower landing in slot in J-slot mandrel (20). Install J-pins (3) into J-pin body (23) (Fig. 6).

L-2.30) Slide drag block body assembly down and screw body extension (35) onto J-pin body (23) (**NOTE<sub>4</sub>:** Left-hand threads).

**NOTE<sub>5</sub>:** Drag block body assembly must be free to rotate.

L-2.31) Screw set screws (32) into body extension (35).



Fig. 6

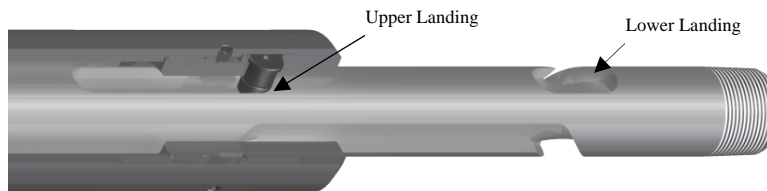


Fig. 7

L-2.32) Rotate and move J-slot mandrel (20) downwards to move J-pins (3) to upper landing in slot on J-slot mandrel (20) (Fig. 7).

L-2.33) Align threaded holes in body extension (35) with pocket holes in rubber mandrel cap (19). Screw shear screws (31) into body extension (35). Tighten until shear screws (31) contact rubber mandrel cap (19). Back shear screws (31) out 1/4 turn.

L-3) Unclamp upper cone (9) from vise and remove assembled tool.



**ASW (WIRELINE SET)**  
**RETRIEVABLE BRIDGE PLUG**  
 RIGHT-HAND SET / RIGHT-HAND RELEASE  
 6-5/8" W/ 2-3/8" EUE (PIN DOWN)

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

**M) PARTS LIST**

ITEM	QTY	DESCRIPTION	MATERIAL	P/N 72465RR
1	1	PULLING HEAD	DLMS110	72470711
2	1	UPPER MANDREL	DLMS110	72570212
3	2	J-PIN <b>NOTE<sub>10</sub></b> : Shear value is stamped on J-pin.	DLMS110	72570870-25 (25,000#)
				72570870-30 (30,000#)
				72570870-35 (35,000#)
				72570870-40 (STD 40,000#)
4	1	COMPRESSION SPRING	DLMCRSP	72570920
5	1	PLUG	DLMS110	72570216
6	1	UPPER SLIP BODY	DLMS110	72465320
7	2	RELEASING SLIP	DLMS110	72565126
8	2	CARBIDE UPPER SLIP	DLMS110	72565116C
9	1	UPPER CONE	DLMS110	72465410
10	1	CENTER COUPLING	DLMS110	72566621
11	1	RUBBER MANDREL	DLMS110	72570220
12	2	RUBBER SPACER	DLMS35	72565851
13	1	ELEMENT	70 DURO NITRILE	72065511
14	2	ELEMENT	90 DURO NITRILE	72065513
15	1	SPRING RETAINING RING	DLMS110	72570820
16	1	LOWER CONE	DLMS110	72565420
17	4	CARBIDE LOWER SLIP	DLMS110	60065135C
18	1	DRAG BLOCK BODY	DLMS110	61365335
19	1	RUBBER MANDREL CAP	DLMS110	72470230
20	1	J-SLOT MANDREL	DLMS110	72570230
21	1	DRAG BLOCK RETAINER	DLMS60	60065910
22	8	3/8-16 UNC X 3/8 SLOTTED SHEAR SCREW (3000#)	DLM360BRS	BSSSLT037C037
23	1	J-PIN BODY	DLMS110	72570875
24	2	BONDED SEAL	90 DURO NITRILE	60045520
25	8	LOWER SLIP SPRING	-	7170901
26	6	UPPER SLIP SPRING	-	7170902
27	1	LOWER SLIP SLEEVE	DLMS110	72570912
28	1	RETAINING RING	DLMS60	60065911
29	1	GAGE RING	DLMS60	72565830
30	1	RETAINING RING	DLMS110	72570225
31	8	SHEAR SCREW (2375#)	DLM360BRS	60100990
32	6	3/8-16 UNC X 1/2 SOCKET SET SCREW	STEEL	SSS037C050
33	12	3/8-16 UNC X 3/8 SOCKET SET SCREW	STEEL	SSS037C037





**ASW (WIRELINE SET)  
RETRIEVABLE BRIDGE PLUG  
RIGHT-HAND SET / RIGHT-HAND RELEASE  
6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

Revision: **C**

Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

**M) PARTS LIST (cont'd)**

ITEM	QTY	DESCRIPTION	MATERIAL	P/N 72465RR
34	1	SEALING MANDREL	DLMS110	72570214
35	1	BODY EXTENSION	DLMS110	72570370
36	1	SMALLEY HEAVY DUTY INTERNAL RING	DLMSC	WHM-275
37	1	UPPER SLIP PICKUP	DLMS110	72465346
38	2	145 O-RING	90 DURO NITRILE	90145
39	1	234 O-RING	90 DURO NITRILE	90234
40	1	322 O-RING	90 DURO NITRILE	90322
41	3	5/16-18 UNC X 3/8 SOCKET SET SCREW	STEEL	SSS031C037
42	10	DRIV-LOK PIN (4800#) 5/16 X 1"	4140	DLP031100*

\*Refer to WLAK tech manual for placement.

REDRESS KIT (RDK)		72465050
ASSEMBLED WEIGHT		301 LBS

**M-1) ELASTOMER TRIM OPTIONS**

**NOTE<sub>11</sub>:** For temperature range, refer to Elastomer Trim Temperature Guide.

**M-1.1) HSN**

ITEM	QTY	DESCRIPTION	MATERIAL	P/N 72465RRH
13	1	ELEMENT	70 DURO HSN	72065511H
14	2	ELEMENT	90 DURO HSN	72065513H
24	2	BONDED SEAL	90 DURO HSN	60045520H
38	2	145 O-RING	90 DURO HSN	90145H
39	1	234 O-RING	90 DURO HSN	90234H
40	1	322 O-RING	90 DURO HSN	90322H

REDRESS KIT (RDK)		72465050H
-------------------	--	-----------

**M-1.2) VITON**

ITEM	QTY	DESCRIPTION	MATERIAL	P/N 72465RRV
13	1	ELEMENT	70 DURO VITON	72065511V
14	2	ELEMENT	90 DURO VITON	72065513V
24	2	BONDED SEAL	90 DURO VITON	60045520V
38	2	145 O-RING	90 DURO VITON	90145V
39	1	234 O-RING	90 DURO VITON	90234V
40	1	322 O-RING	90 DURO VITON	90322V

REDRESS KIT (RDK)		72465050V
-------------------	--	-----------



**ASW (WIRELINE SET)**  
**RETRIEVABLE BRIDGE PLUG**  
**RIGHT-HAND SET / RIGHT-HAND RELEASE**  
**6-5/8" W/ 2-3/8" EUE (PIN DOWN)**

Manual No:  
**DL-724-6625-971**

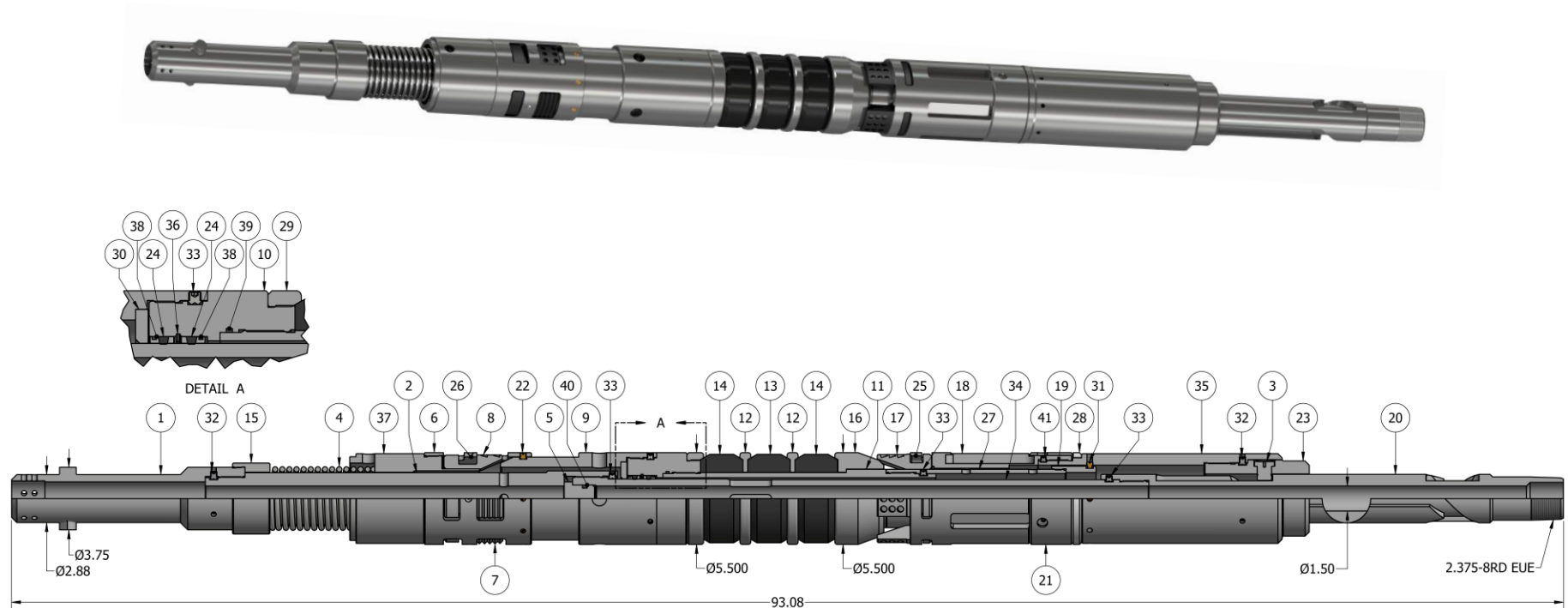
Revision: **C**


Revision Date:  
**10/19/2022**

Authored by: J.Anderson

Approved by: K.Riggs

**N) TECHNICAL ILLUSTRATION**



	<b>ASW (WIRELINE SET)</b>	Manual No:
	<b>RETRIEVABLE BRIDGE PLUG</b>	<b>DL-724-6625-971</b>
	<b>RIGHT-HAND SET / RIGHT-HAND RELEASE</b>	Revision: <b>C</b>
	<b>6-5/8” W/ 2-3/8” EUE (PIN DOWN)</b>	Revision Date:
		<b>10/19/2022</b>
Authored by: J.Anderson		Approved by: K.Riggs

## O) REVISION HISTORY

DATE	REVISION	DESCRIPTION OF CHANGES	REVISED BY	APPROVED BY
10/19/2022	C	Added SSS031C037 qty 3, SSS037C037 qty 12 was 15	J.Anderson	E.Visaez
08/30/2022	B	Revised 61365335 was 60065335	J.Anderson	E.Visaez
07/11/2017	A	Created manual	-	-