



**Logan Type L Packer Type Casing Patch  
15K Assembly**

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## HIGH PRESSURE TYPE L PACKER TYPE CASING PATCHES — 15,000 PSI

O.D. CASING		4-1/2	5-1/2	14				
O.D. PATCH		6-1/4	7-1/8	17-3/8				
PRESSURE RATING (PSI)		15,000	15,000	15,000				
<b>COMPLETE ASSEMBLY</b>	<b>Logan Part No.</b>	<b>515-625-15</b>	<b>515-713</b>	<b>515-1738</b>				
<b>TOP SUB</b>	<b>Logan Part No.</b>	<b>BT1005-15</b>	<b>ZL1007-15</b>	<b>AT1009-15</b>				
<b>TOP SUB SEAL (SMALL)</b>	<b>Logan Part No.</b>	<b>568248-200</b>	<b>568257-200</b>	<b>568280-200</b>				
	No. Req'd	2	2	2				
<b>TOP SUB SEAL (LARGE)</b>	<b>Logan Part No.</b>	<b>568251-200</b>	<b>568257-200</b>	<b>568281-200</b>				
	No. Req'd	1	1	1				
<b>BOWL</b>	<b>Logan Part No.</b>	<b>BT2005-15</b>	<b>ZL2007-15</b>	<b>AT12009-15</b>				
<b>GUIDE</b>	<b>Logan Part No.</b>	<b>BT7005-15</b>	<b>ZL7007-15</b>	<b>AT13009-15</b>				
<b>SHEAR PINS</b>	<b>Logan Part No.</b>	<b>AC14002</b>	<b>AC14002</b>	<b>AC14008</b>				
	No. Req'd	2	2	4				
<b>TYPE L SEAL RING SET</b>	<b>Logan Part No.</b>	...	...	<b>AT15009-15-001</b>				
Consisting of: *	No. Req'd.	...	...	1 Set				
<b>TYPE L PACKER *</b>	<b>Logan Part No.</b>	<b>AT6009</b>	<b>AT6000</b>	<b>AT15009-15-002</b>				
	No. Req'd	4	4	4				
<b>SEAL PROTECTOR RING (LEAD) *</b>	<b>Logan Part No.</b>	...	...	<b>AT15009-15-003</b>				
	No. Req'd	...	...	4				
<b>NON-EXTRUSION RING (STEEL) *</b>	<b>Logan Part No.</b>	...	...	<b>AT15009-15-004</b>				
	No. Req'd.	...	...	4				
<b>PACKER PROTECTOR</b>	<b>Logan Part No.</b>	<b>ZL3005-001</b>	<b>ZL3007</b>	<b>AT7009-15</b>				
<b>GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	<b>Z6005 *</b>	<b>ZL6007-15</b>	<b>AT10009-15</b>				
<b>GRAPPLE</b>	<b>Logan Part No.</b>	<b>Z5005</b>	<b>ZL5007-15</b>	<b>AT11009-15</b>				

## OPTIONAL

<b>EXTENSION SUB (5 feet long)</b>	<b>Logan Part No.</b>	<b>BTE1005-15</b>	<b>BTE1007-15</b>	<b>AT3009-15</b>				
<b>EXTENSION SUB SEAL (SMALL)</b>	<b>Logan Part No.</b>	<b>568248-200</b>	<b>568257-200</b>	<b>568280-200</b>				
	No. Req'd	2	2	2				
<b>EXTENSION SUB SEAL (LARGE)</b>	<b>Logan Part No.</b>	<b>568251-200</b>	<b>568257-200</b>	<b>568281-200</b>				
	No. Req'd	1	1	1				

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\* Mill Control Packer instead of Grapple Control

### Notes:

- (1) H<sub>2</sub>S casing patches available upon request.
- (2) Other sizes of casing patches are available upon request.
- (3) Casing patches can be made from special materials. Prices and delivery information is available upon request.

### When ordering, please specify:

- (1) Complete assembly or part number
- (2) Size and type of connection
- (3) With or without five-foot extensions