

Overview

A Logan Series 160 Side Door Overshot is recommended when fishing for cable tools or conductor lines in cased holes.

The side door overshot is run in on tubing or drill pipe. Line can be fed into the tool by removing the door on the side of the bowl. The door is put back into position after the line is in place. The feature eliminates the necessity of cutting the line or cable and the possibility of the lines fouling when there are two lines in the hole.

Construction

Principal parts of the Series 160 Side Door Overshot are a bowl, grapple, and grapple control.

Operation

Remove the side door and interior parts. Place the bowl on the cable and fasten the side door. Slip the grapple onto the cable and screw into place in the bowl. Slip the grapple control into place and fasten the control screws.

Run in the overshot. As the overshot nears the fish, slowly rotate the string to the right as it is gradually lowered over the fish.

The wickered grapple will engage the fish. Continued lowering and right-hand rotation of the string will move the grapple upward within the bowl. The grapple will expand to allow easy entry of the fish

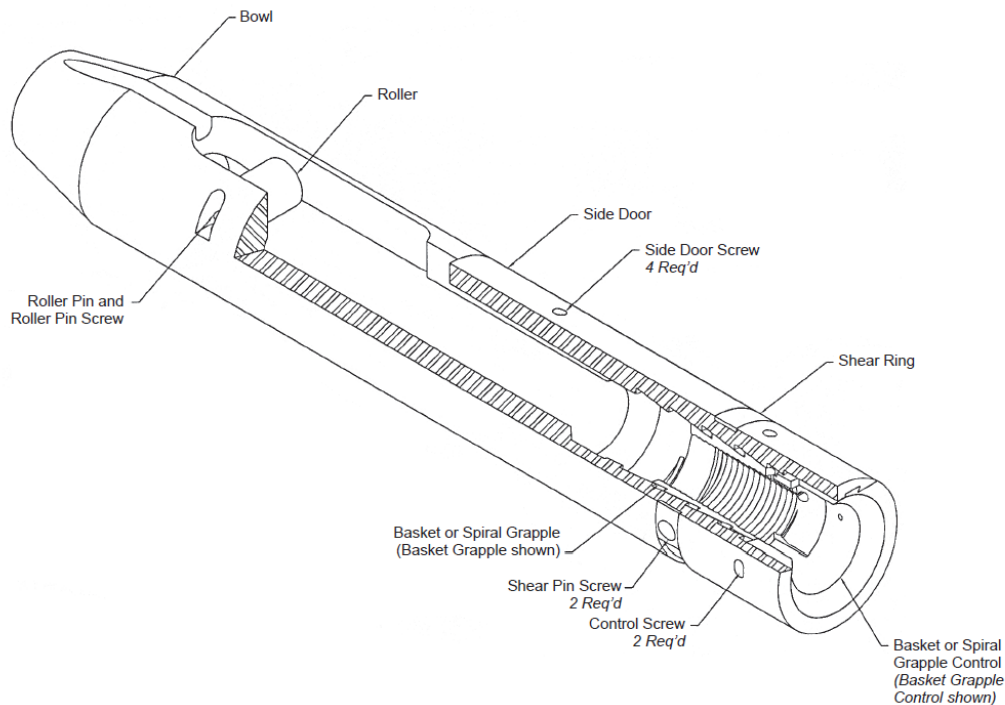
To Pull the Fish

Release torque out of the string and exert an upward strain on the pipe. The friction of the fish on the grapple wickers will pull the grapple down into the bowl. This causes the grapple to contract and tightly grip the fish. Maintain an upward strain on the string to pull the fish out of the hole.

To Release from a Fish

Bump down to break the grip. Gradually raise the string while slowly rotating it to the right.

Follow the same procedure to release from a recovered fish being sure to hold the fish below the overshot.



Logan Oil Tools (a Rubicon Product Brand) reserves the right to change or discontinue designs without prior notice.

When ordering, please specify:

- Complete assembly or part number
- Line diameter

SERIES 160 – SIDE DOOR OVERSHOTS

For more information

Visit www.rubicon-oilfield.com or contact your local sales office. Domestic and international patents and trademarks granted and/or applied for where applicable.

Product Line
Fishing Tools – External Catch

Product
SERIES 160 – SIDE DOOR OVERSHOTS

Maximum Catch Size (Spiral)		2	2	2-3/8	2-3/8
Maximum Catch Size (Basket)		1-1/2	1-1/2	1-7/8	1-7/8
Overshot OD		3-1/8	3-3/4	4	4-1/2
Complete Assembly	Logan Part No.	160-313	160-375	160-400	160-450
	Bowen No.	15955	C11145	9560	6400
Component Parts					
Bowl	Logan Part No.	AK1000	AK1001	AK1002	AK1003
	Bowen No.	15957	C11146	9562	6401
Roller	Logan Part No.	AK2000	AK2001	AK2002	AK2003
	Bowen No.	15961	A5440	9566	6456
Roller Pin	Logan Part No.	AK3000	AK3001	AK3002	AK3003
	Bowen No.	15962	A11296	9567	6457
Roller Pin Screw	Logan Part No.	AK4000	AK4000	AK4000	AK4000
	Bowen No.	9568	9568	9568	9568
Shear Ring	Logan Part No.	AK5000	AK5001	AK5002	AK5003
	Bowen No.	15958	A14221	9564	6422
Shear Ring Screw	Logan Part No.	AK6000	AK6001	AK6002	AK6003
	Bowen No.	6460	23124	8593	25220
	No. Required	2	2	2	2
Spiral Grapple	Logan Part No.	AK7000	AK7001	AK50025	AK50025
	Bowen No.	1811	11147	1448	1448
Spiral Grapple Control	Logan Part No.	AK8000	AK8001	AK8002	AK8002
	Bowen No.	15965	A11148	6403	6403
Control Screw	Logan Part No.	AK9000	AK9001	Q3012	AK9003
	Bowen No.	15966	9933	9558	6459
	No. Required	2	2	2	2
Top Sub ¹	Logan Part No.	-	-	-	AK10000
	Bowen No.	-	-	-	7243, 7244
Side Door Screw	Logan Part No.	Q3002	AK11001	AK11002	AK4000
	Bowen No.	8181	23507	9559	9568
	No. Required	-	4	6	6
Basket Grapple	Logan Part No.	AK12000	AK12001	AK12002	AK12002
	Bowen No.	15956	B11147	6402	6402
Basket Grapple Control	Logan Part No.	AK13000	AK13001	AK3002	AK13002
	Bowen No.	15965	B11148	6403	6403

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Special Notes:

¹ Assembly number 160-450 (6400) has a straight thread top connection in bowl and requires special top subs

Recommended spare parts:

- 2 x grapples for each size, basket and spiral
- 2 x grapple controls for each size

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Product Line
Fishing Tools – External Catch

Product
SERIES 160 – SIDE DOOR OVERSHOTS

Maximum Catch Size (Spiral)		2-3/8	3-1/8	3-21/32
Maximum Catch Size (Basket)		1-7/8	2-5/8	3-1/8
Overshot OD		4-1/2	4-11/16	5-1/2
Complete Assembly	Logan Part No.	160-451	160-469	160-550
	Bowen No.	9985	9965	9920
Component Parts				
Bowl	Logan Part No.	AK1004	AK1005	AK1006
	Bowen No.	9986	9966	9921
Roller	Logan Part No.	AK2003	AK2004	AK2005
	Bowen No.	6456	9967	9922
Roller Pin	Logan Part No.	AK3003	AK3004	AK3005
	Bowen No.	6457	9968	9923
Roller Pin Screw	Logan Part No.	AK4000	AK4000	AK4001
	Bowen No.	9568	9568	9924
Shear Ring	Logan Part No.	AK5003	AK5004	AK5005
	Bowen No.	6422	9970	9925
Shear Ring Screw	Logan Part No.	AK6003	AK6002	AK6004
	Bowen No.	25220	8593	9906
	No. Required	2	2	2
Spiral Grapple	Logan Part No.	AK50025	AK5010	AK5019
	Bowen No.	1448	1741	6662
Spiral Grapple Control	Logan Part No.	AK8002	AK8003	AK8004
	Bowen No.	6403	9973	9927
Control Screw	Logan Part No.	AK9003	AK9001	AK9004
	Bowen No.	6459	9933	9928
	No. Required	2	2	2
Top Sub ¹	Logan Part No.	-	-	-
	Bowen No.	-	-	-
Side Door Screw	Logan Part No.	AK9001	Q3012	Q3012
	Bowen No.	9933	9558	9558
	No. Required	4	4	44
Basket Grapple	Logan Part No.	AK12002	AK12003	AK12004
	Bowen No.	6402	9972	9934
Basket Grapple Control	Logan Part No.	AK13002	AK13003	AK13004
	Bowen No.	6403	9973	9927

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