



Snake Grips Instructions ^{OVER 75 YEARS}

WARNING Failure to use Lewis Snake Grips as detailed in the supplied user instructions, may result in serious injury or even death.

READ THIS DOCUMENT BEFORE USING LSG SNAKE

GUIDELINES FOR PROPER INSTALLATION & USE OF LEWIS TYPE "LSG SNAKE" ROPE & CABLE CONNECTOR GRIP

- 1** Safety is always No. 1. Make sure no one is under the line as it is being pulled through the blocks and crown. **DO NOT** stand below or near the drilling line under tension, severe injury or death could occur. **KEEP BACK**
- 2** Be sure that the right size range grips are being used for the line or rope being pulled. For Example, for 1 3/4" drilling line, use the LSG 1-1 1/2" snake. When pulling a larger line with a smaller line (larger replacing the smaller), make sure the smaller line has the correct size grip and that the new larger diameter line has the correct size grip as well. LSG snakes are available with any required size range on either side.
- 3** Make sure the cable is clean and free of grease and oil in the area that will be loaded into the LSG snake. A high grade degreaser and heavy duty disposable towels are recommended for this purpose.
- 4** When loading the cable into the grip, be certain the cable is inserted all the way into the grip until the grip is fully loaded (into the plastic boot area below the pulling eye of the grip). Also examine both grips for cable abrasion or broken cables. An LSG snake showing any signs of cable fraying, broken cables or distorted hardware should be immediately discarded and replaced. Inspect the LSG Snake Grip prior to each use.



- 5** Once the snake is loaded properly, clamp **AND** tape the tail end of the grip using a BAND-IT® brand banding tool.

TOOLS

Band L-208 (1/4"x26")

Model J-020

B Wrap clamp around grip. Thread band through buckle, insert into nose of tool and feed through slot in winding mandrel.

C Turn the built-in ratchet on the winding mandrel to tighten down the band.

D When the band is tight, flip the BAND-IT tool over the buckle.

E Use the cutting lever to cut the band and remove the tool.

F Use a hammer to flatten down the remaining tail and secure by tapping down the ears.

G We recommend double banding each grip end 4" to 6" apart and double wrapping each band.

H Finally use Electric Tape to tape over the bands on each grip end to create a smoother, snag-resistant surface.

- 6** For any questions or comments regarding the safe usage of your LSG Snake, please **Call Toll-Free 1-888-398-4719**

Lewis Manufacturing Co.

3601 S. Byers ♦ Oklahoma City, OK 73129
888-398-4719 ♦ www.lewislmfg.com



Heavy-Duty Snake Grips ^{OVER 75 YEARS}



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Type LSG Snakes

The Lewis Snake Grip expands or contracts to grip different or identical cable and/or rope sizes as needed.

Save time stringing up, changing and unstringing because the snake requires no special tools. The swivel and swing link go smoothly through blocks and prevent line twisting. Install new cable by using old-existing cable as pulling line. Always seize the ends of the grips by banding and taping.

Regular LSG Snakes	Size Range	Work Ld. lb.	UTS lb.
LSG ¼-½	¼"-½"	1,200	4,400
LSG ½-1	½"-1"	2,500	7,500
LSG 1-1½	1"-1½"	3,500	10,000
LSG 1½-2	1½"-2"	4,000	12,000
LSG 2-2½	2"-2½"	5,000	16,000
LSG 2½-3½	2½"-3½"	6,500	20,000
LSG 3½-4½	3½"-4½"	8,000	24,000

*Special Size LSG Snakes	Size Range	Work Ld. lb.	UTS lb.
LSG ¼-1½	¼"-1½"	1,200	4,400
LSG ½-1½	½"-1½"	2,500	7,500
LSG ½-2	½"-2"	2,500	7,500
LSG 1-2	1"-2"	3,500	10,000
LSG 1½-2½	1½"-2½"	4,000	12,000

*The grips on the Special Size models are not the same on each side.

Type LSGX Snakes

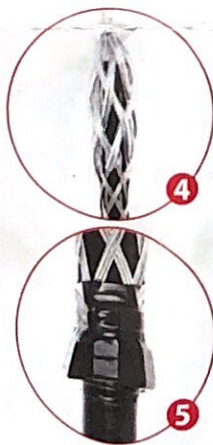
The LSGX series performs the same as the standard LSG series. The LSGX cannot be taken apart in the middle, it is permanently attached via our "Swivel Tube" Assembly.

This swivel tube assembly has a very low profile heavy-duty friction swivel. This snake is for applications where the two pulling grip elements do not need to be separated. The swivel is permanently greased and has the size range and working load clearly stenciled on the swivel tube assembly.

Regular LSGX Snakes	Size Range	Work Ld. lb.	UTS lb.
LSGX ¼-½	¼"-½"	1,200	4,400
LSGX ½-1	½"-1"	2,500	7,500
LSGX 1-1½	1"-1½"	3,500	10,000
LSGX 1½-2	1½"-2"	4,000	12,000
LSGX 2-2½	2"-2½"	5,000	16,000
LSGX 2½-3½	2½"-3½"	6,500	20,000
LSGX 3½-4½	3½"-4½"	8,000	24,000

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LSGX ½-1½	½"-1½"	2,500	7,500
LSGX ½-2	½"-2"	3,500	10,000
LSGX 1-2	1"-2"	4,000	12,000
LSGX 1½-2½	1½"-2½"	5,000	16,000

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5. Once the snake is loaded properly, clamp **AND** tape (use electrical tape) over the tail end of the grip using a BAND-IT® brand banding tool.
6. For any questions or comments regarding safe usage of your LSG Snake, please Call Toll-Free 1-888-398-4719



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