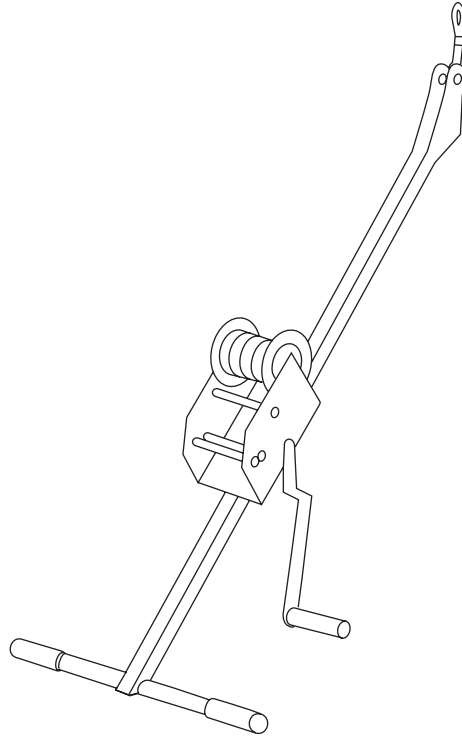


INSTRUCTION MANUAL



766

Cable Puller

(Control No. 50182021)

Model M5



Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.

IMPORTANT SAFETY INFORMATION



SAFETY ALERT SYMBOL

This symbol is used to call your attention to hazards or unsafe practices which could result in an injury or property damage. The signal word, defined below, indicates the severity of the hazard. The message after the signal word provides information for preventing or avoiding the hazard.

⚠ DANGER

Immediate hazards which, if not avoided, **WILL** result in severe injury or death.

⚠ WARNING

Hazards which, if not avoided, **COULD** result in severe injury or death.

⚠ CAUTION

Hazards or unsafe practices which, if not avoided, **MAY** result in injury or property damage.



⚠ WARNING

Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.

Failure to observe this warning could result in severe injury or death.



⚠ WARNING

Pinch points. To avoid injury, keep hands away from bending shoe, rollers and conduit being bent, when operating this tool.

⚠ CAUTION

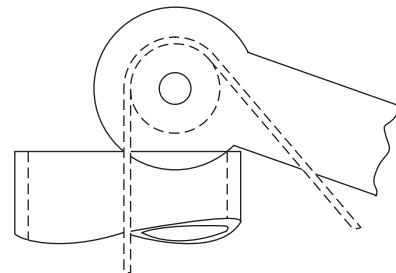
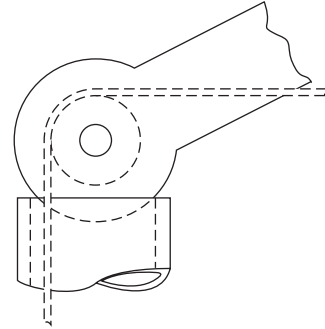
Inspect tool before using. Replace damaged, missing or worn parts with genuine Greenlee replacement parts.

Description

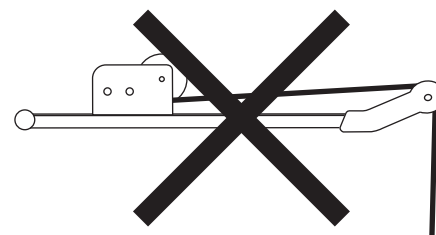
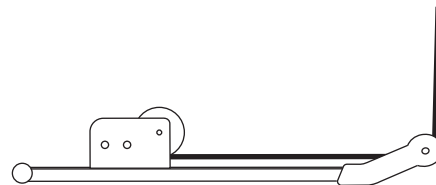
The 766 cable puller is designed for low force cable pulls where the electric code allows wire rope to be pulled through the conduit. Its small size and one piece design promotes quick setups.

Operation

To properly position the 766 for pulling, set the round nose of the frame over the end of the conduit so it rests on 2 or 4 contact points as shown.



The cable must always pass between the roller and the frame.

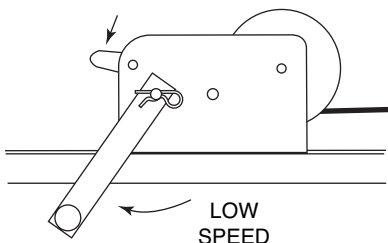
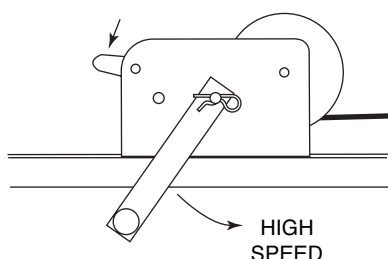


To pay out wire rope:

Move the winch lock lever to the middle (neutral) position. Remove the crank handle if fitted and pull the wire rope off the reel until it reaches the feed end of the conduit.

To pull cable:

Move the winch lock lever towards the frame. Slide the handle over the drive shaft until it nests over the square drive shaft clutch. Lock the handle in place with the spring clip. For high speed, use the drive shaft closest to the reel, and turn the crank handle counterclockwise. For low speed, use the drive shaft furthest from the reel and turn the crank handle clockwise.



To release wire tension:

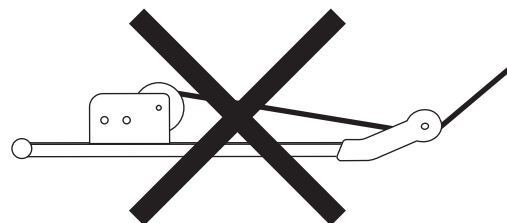
Rotate the crank handle slightly as if pulling the cable. Maintain force on the handle and move the winch lock lever to the middle (neutral) or opposite position. Rotate the crank in the opposite direction until no torque is felt on the handle.

Shear pin replacement:

The pulling force of the 766 puller is limited by shear pins. To replace a broken shear pin, first drive out the sheared pieces from the drive shaft and drive shaft clutch. Align the holes and pound in a new drive pin such that it does not protrude on either side of the clutch.

Replacing wire rope:

If the wire rope becomes cut or frayed, it must be replaced. When replacing the rope on the reel, the rope must exit the reel closest to the frame.



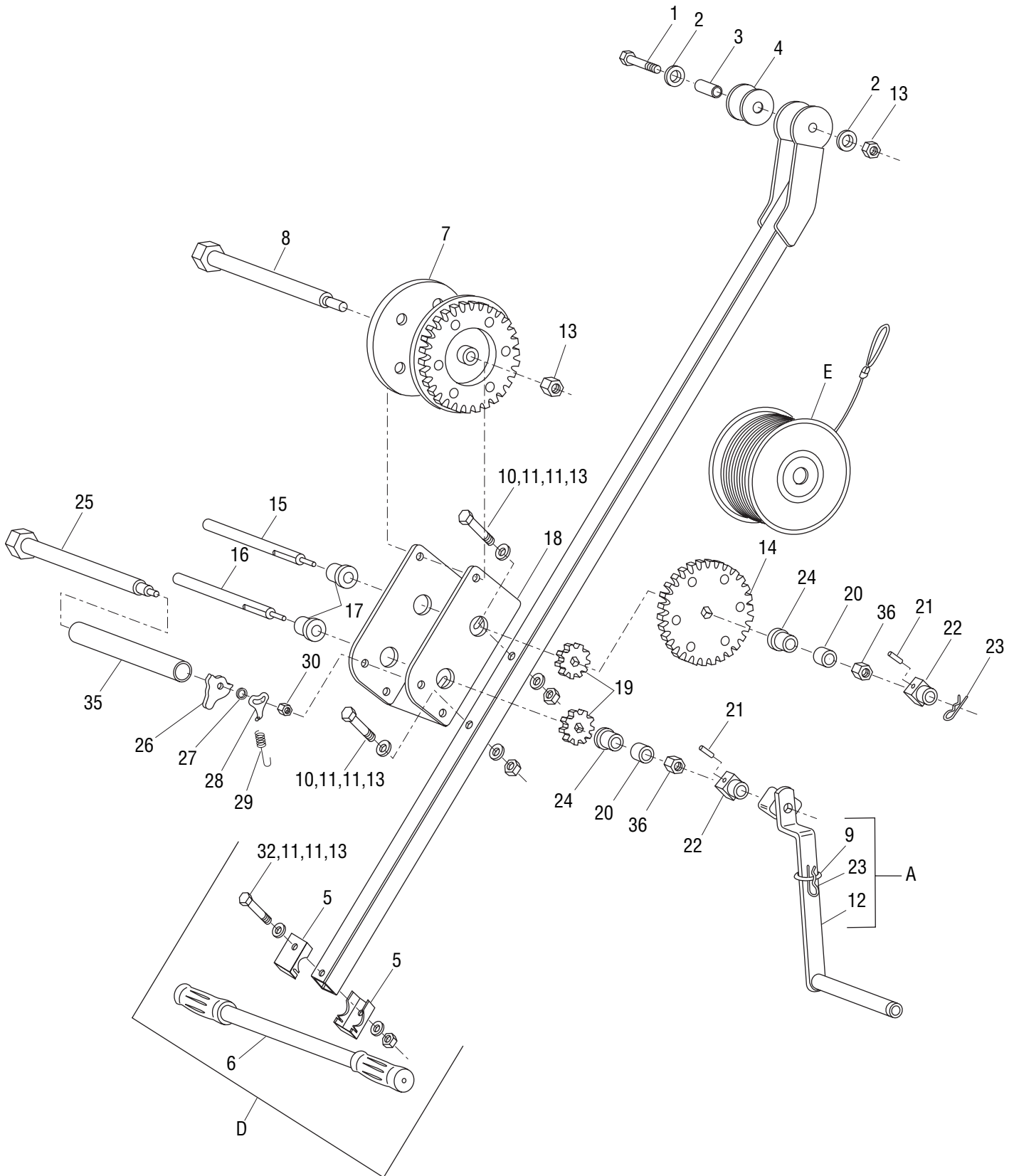
Changing speeds in the middle of a pull:

Leave the winch lock lever in position (towards frame). Remove the spring clip. Slide the crank off the drive shaft and place it on the other drive shaft. Replace the spring clip. Reverse direction of cranking to continue pulling.

⚠ CAUTION

Do not move the winch lock lever during a pull without having a firm grip of the crank handle. Moving the winch lock lever will release the load and cause the handle to spin quickly, causing possible injury to the operator or to nearby personnel.

Illustration



Parts List

Key	Part No.	Description	Qty
A	50282808	Winch handle assembly (includes 9, 12 & 23)	1
B	50208047	Tee frame unit (includes 1-4, 10, 11, 13 & D)	1
C	50282816	Winch assembly (includes 7, 8, 13, 14-22, 24-30)	1
D	50207970	Handle unit (includes 5, 6, 11, 13, & 32)	1
E	90509544	Cable (200-ft)	1
1	50182064	Nose bolt	1
2	50138952	Nose P.C. spacer washer	2
3	50182080	Nose P.C. spacer	1
4	50138928	Nose sheave (includes bushing)	1
5	50207997	Clamp	2
6	52024404	Cross bar unit	1
7	50282603	Reel	1
8	50282611	Reel bolt	1
9	52024402	Spring clip	1
10	90505360	Winch mounting bolt	2
11	90514343	Washers, 3/8 flat	6
12	52024403	Handle crank	1
13	90514351	Nut, 3/8-16 UNC jam plated	5
14	50282654	Pick off gear assembly	1
15	50282662	Drive shaft, low ratio	1
16	50282670	Drive shaft	1
17	50282689	Bushing	2
18	50282697	Winch frame	1
19	50282700	Gear	2
20	50282719	Bearing	2
21	50145681	Shear pin	2
22	50315897	Drive shaft clutch (w/o threads)	2
23	50282735	Hair pin	2
24	50282743	Bushing	2
25	50282751	Posi-Lok bolt	1
26	50282778	Winch lock	1
27	90513649	Washer, 5/16 flat	1
28	50138839	Lock cam	1
29	50282786	Spring	1
30	90503724	Nut, 1/4-20 UNC jam	1
32	52001986	Screw, 3/8-16 UNC x 2-1/4 hex cap	1
35	50314580	Sleeve, spacer (used with no. 25)	1
36	90533488	Nut, 9/16-18 UNF jam	2
	50315900	Drive shaft (low ratio) repair kit (includes 15, 36, 22 w/o threads)	
	50315919	Drive shaft repair kit (includes 16, 36 & 22 w/o threads)	



USA	800-435-0786	Fax: 800-451-2632
	815-397-7070	Fax: 815-397-1865
Canada	800-435-0786	Fax: 800-524-2853
International	+1-815-397-7070	Fax: +1-815-397-9247

4455 Boeing Drive • Rockford, IL 61109-2988 • USA • 815-397-7070
An ISO 9001 Company • Greenlee Textron Inc. is a subsidiary of Textron Inc.

www.greenlee.com

Printed in USA