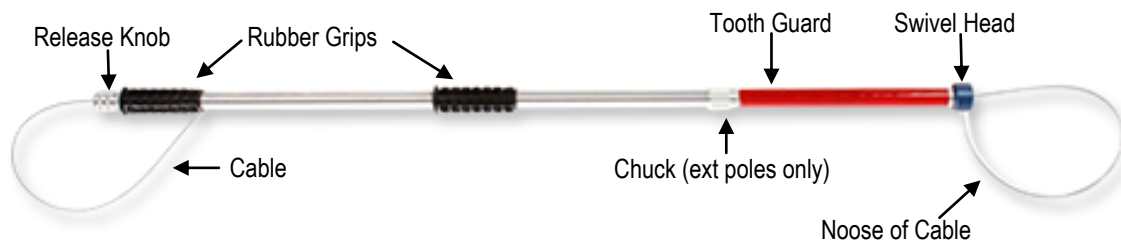


## How to Operate Your Standard Ketch-All Pole

1. Pull excess cable from storage hole at upper end of the pole. With one hand holding the grip toward middle of the pole and with your free hand pull back on the release knob, allowing the cable to gradually slip forward through the palm and fingers, this will prevent the end of the cable whipping up).
2. Place the loop over the animal's head or other body part.
3. Pull the end of the cable behind the release knob, to tighten the loop around the animal. The cable will automatically lock as it is drawn in.
4. To release the loop, pull back on the release knob. If you apply too much tension to the loop the cable may fail to release. For best results do not pull back on the pole while attempting to release the cable.



## How to Operate Your Telescopic Ketch-All Pole

1. Pull back on the release knob #1 to expand loop.
2. Hold 1" tubing next to chuck, turn the chuck to the right to free 7/8" tubing.
3. Push 7/8" tubing forward until loop is closed.
4. Turn chuck to left to keep extension in place. Repeat above steps until the desired length is attained.
5. To retract the telescopic pole, turn chuck to the right until inner tubing moves freely, then pull the cable until the pole is retracted to tooth guard.
6. When you are in the process of extending the pole watch for two red warning marks on the inner tubing. It is recommended to not extend past the second mark. If poles should become separated, release the locking device and slide back together.
7. Follow additional instructions for operating standard Ketch-All poles.

## Caring for Your Ketch-All Pole

When your pole is not in use for long periods of time, do not leave the loop tightly drawn. Leave the loop about half way open, this will ensure that the tension is taken off the cable spring. Never hang your pole by the loop. Lubricate the cable and other working parts occasionally with light machine oil through the hole at the top of the release knob. By these tips on care and storage of your Ketch-All will ensure the longevity of the pole.

Please note that replacement parts are available for all Ketch-All Poles, when ordering please specify the type (standard/extension) and length of your pole.



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# Repair Instructions for Ketch-All Poles

## 1. How to remove the cable

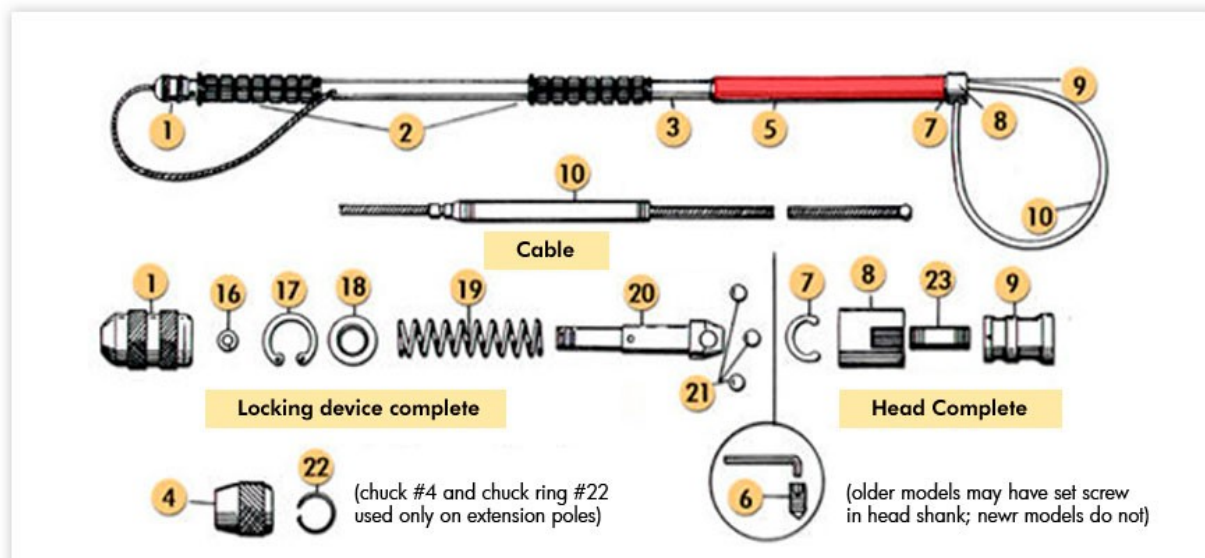
- Remove large lock ring #7 located behind collar #8.
- Pull collar #8 back toward the rear of the pole until head #9 is exposed (it may be necessary to slide tooth guard #5 back in order to pull the collar back).
- Remove head #9, which is a right hand thread, leaving collar #8 on the pole. If needed remove Allen set screw #6 (with Allen wrench) located on the head.
- When head #9 is free, pull release knob #1 back and hold in this position (we suggest using vice grips to do this) while pulling the cable out through the other end of the pole.
- Pull cable spring from hair guard #23.

## 2. How to install replacement cable

- Insert ball of cable through hair guard #23 (which should be attached to head shank #9), running the cable through until the hair guard #23 meets the cable spring.
- Screw hair guard #23 into cable spring. The cable is now ready to be installed.
- Insert the cable through the tubing #3, pulling back on the release knob #1 to allow the cable to pass through the locking device.
- Screw head onto the end of the pole.
- Insert cable ball in groove or track in the head #9.
- Pull collar #8 over the head and cable ball and replace the lock ring #7. (If applicable replace set screw #6).

## 3. How to disassemble the locking device

- Pull back on release knob #1, turning it until the hole in the tubing lines up with the hole in the cage #20.
- Insert ice pick or nail through the holes, thus keeping the locking device from turning.
- Remove release knob #1, which is a right hand thread. There should be a lock washer #16 inside the release knob #1.
- Remove the:- lock ring #17, step washer #18, compression spring #19, cage #20 and three ball bearings #21.



## Parts List

- |  |   |
|--|---|
| 1. Release knob                          | 10. Steel cable                           |
| 2. Grips                                 | 16. Release knob lock washer (not needed) |
| 3. Tubing                                | 17. Cage lock ring                        |
| 4. Chuck                                 | 18. Step washer                           |
| 5. Tooth guard                           | 19. Compression spring                    |
| 6. Allen set screw (only on older poles) | 20. Cage                                  |
| 7. Head lock ring                        | 21. 9/32 ball bearings                    |
| 8. Collar                                | 22. Chuck ring (extension pole only)      |
| 9. Head                                  | 23. Hair guard                            |



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