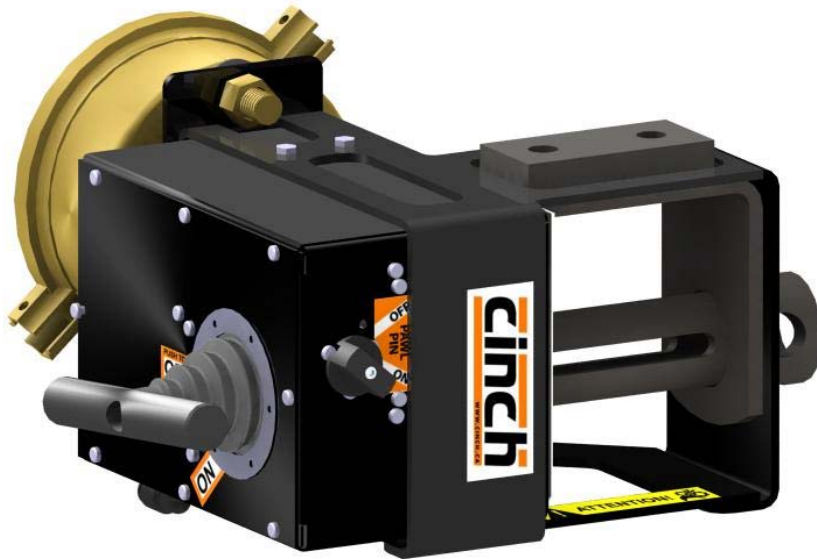


**cinch**<sup>TM</sup>  
BY TRACTION TECHNOLOGIES  
**THE ULTIMATE WINCH**

# Operating Manual



For Technical Support 1-800-929-2627

[www.ancra.com](http://www.ancra.com)

Operating Manual, Rev B – 2008

**Caution ! Please follow all steps in order.**

## Automatic Mode

### Activating the Cinch:

1. Turn air on at Master Control Box
2. Set strap tension at the Master Control Box by selecting pressure.



**MAXIMUM AIR PRESSURE IS 90  
PSI (.62 MPa). DO NOT EXCEED.**

**See Appendix A – Force vs. PSI Table**

3. Thread the strap onto the winch. Rotate and hold the T-Handle clockwise as far as it will go to fully disengage the clutch. Rotate the winch spool with your right hand until the strap is secure in the winch.



4. Turn the pawl pin to the “ON” position.

\* Do not force with wrench. See Trouble Shooting Section if switch does not move.



5. Push in the T-Handle and turn to the “ON” position. Pull the T-Handle out to lock it into the “ON” position.



6. The Cinch is now activated and will keep your load secure until released.

## Releasing the Cinch:

1. Turn the pawl pin to the “OFF” position.

\* Do not force with wrench, see Trouble Shooting section if switch does not move.



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## **THE ULTIMATE WINCH**

2. Push in the T-handle and turn to the "OFF" position. Pull the T-Handle out to lock it into the "OFF" position.



3. Remove straps by rotating the T-Handle clockwise as far as it will turn and rotate the spool with your right hand.



4. Turn off the air supply at the master control box when not in use.



## Manual Mode

### Using the Cinch manually:

1. Turn off the air supply at the master control box
2. Turn the pawl pin to the "ON" position.
3. Push in the T-handle and turn to the "OFF" position and pull the T-Handle out to lock.
4. Operate the system with the winch bar as with a normal winch.

### Releasing the Cinch:

1. Apply pressure with winch bar and turn the pawl pin to the "OFF" position.



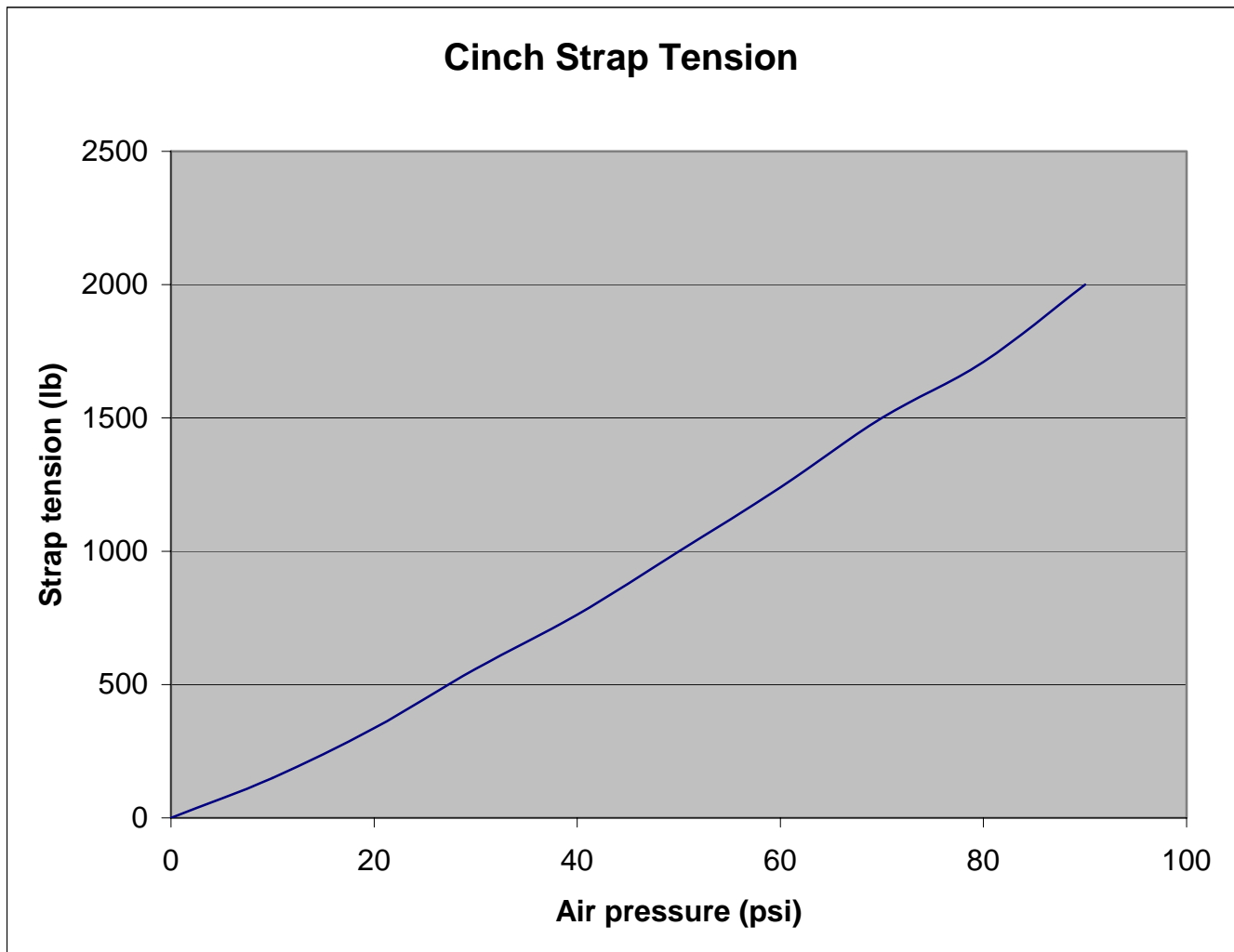
## Troubleshooting Guide

Problem	Recommended Action
The pawl pin will not turn to "OFF" position	If the Cinch is on, use winch bar to rotate spool slightly to take pressure off the pawl pin and then turn pawl pin to "OFF". Turn T-Handle to "OFF" and inspect the interior of the unit.
	If the Cinch is off, then turn T-Handle to "ON". Turn pawl pin knob to "OFF" position. Turn T-Handle to "OFF". Remember to turn the pawl pin to "OFF" before turning the T-Handle to "OFF".
While placing straps on your load, winch spool is not turning, or is difficult to turn by hand	The clutch must be fully engaged before you attempt to turn the spool. Ensure T-Handle is in "OFF" position. If you find it is still difficult to rotate the spool, rotate the T-Handle as far clockwise as possible and try again with one hand holding the T-Handle in position.
	If the spool still will not turn by hand, you may insert the strap into the winch and turn the Cinch to "ON". The Cinch will then take up all the slack in the strap.
The strap is not tightening	Ensure Master Control Box air is "ON" and air pressure is set to at least 30 PSI. (.21 MPa)
	Ensure T-Handle is set to "ON" (fully rotated counter-clockwise & pulled out to lock).
	Turn T-Handle to "OFF" and then return the handle to "ON" again.
The strap is moving but still not tightening	Ensure that the pawl pin is in the "ON" position.
	Reduce pressure and allow tightening for 45 seconds.
	If still not tightening, turn T-Handle to "OFF", remove strap completely, put strap back onto winch and turn T-Handle to "ON".
T-Handle will not turn to "OFF"	Ensure T-Handle is pushed in completely before turning.
	If T-Handle is loose, tighten cap screw with an 8mm Allen key.
	If the unit will still not turn to "OFF", you may shut air down at the Master Control Box.
Cannot pull strap out of winch	Turn T-Handle "ON" and wait until the unit has tightened the strap. Turn pawl pin knob to "OFF" and then turn T-Handle "OFF". Remember to always turn pawl pin to "OFF" first before turning T-Handle to "OFF"
	Turn T-Handle in the "OFF" clockwise direction while pulling up on straps.

## Technical Support

For any further technical support please call 1-800-929-2627

## Appendix A – Force vs PSI Table



**NOTE:** The graph represents the average tension force generated on the webbing with a given pressure and 2-4 wraps of webbing on the spool, your results may vary.



## Warranty

### Limited Product Warranty

#### Period of coverage:

Ancra International LLC warrants that the Cinch will be free from defects in materials and workmanship under normal use and service for a period of one (1) year from date of purchase. In the event applicable law imposes any implied warranties, the implied warranty period is limited to ninety (90) days from the date of purchase. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to you.

**THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT WILL THE COMPANY BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR LOSS OF VEHICLE, CARGO OR PROFITS.**