

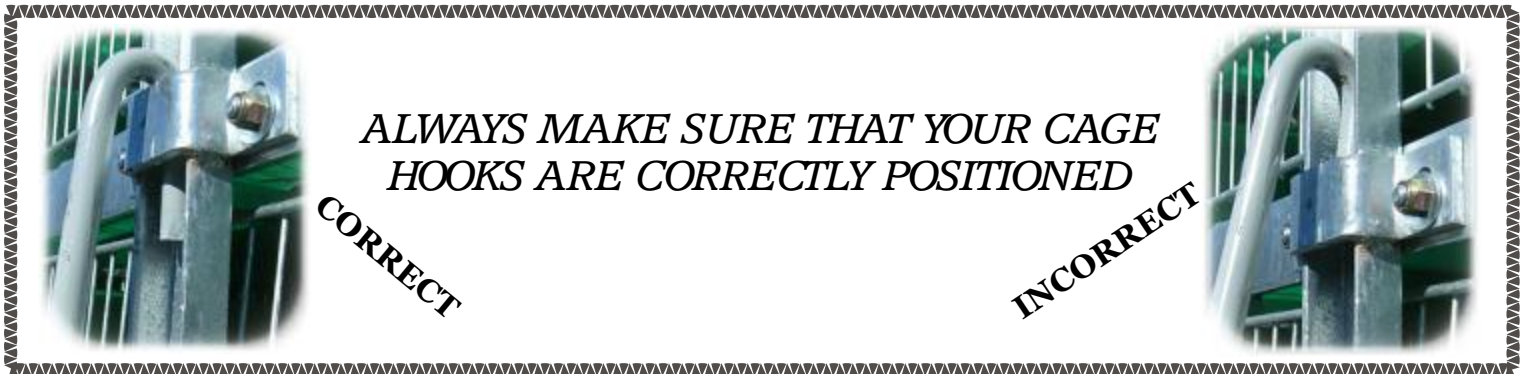


# BRIGHT COOP'S LOAD SECUREMENT PROCEDURES

803 W. Seale St.  
Nacogdoches, TX 75964  
800-562-0730  
www.brightcoop.com



*ALWAYS USE CAUTION WHEN SECURING AND RELEASING YOUR LOAD*  
The entire system is under pressure and can cause serious injury!



*ALWAYS MAKE SURE THAT YOUR CAGE  
HOOKS ARE CORRECTLY POSITIONED*

**CORRECT**

**INCORRECT**

*ALWAYS BE AWARE OF YOUR SPRING COMPRESSION*

**CORRECT**



**PROPER COMPRESSION IS  
WHEN SPRINGS ARE SET AT  
1/2 THEIR TRAVEL LENGTH**

**NO LOAD**



**INCORRECT**



**NEVER OVERCOMPRESS  
THE SPRINGS**

**ALWAYS KNOW YOUR WORKING LOAD <sup>▲</sup>LIMIT (WLL)  
NEVER EXCEED THE WLL OF ANY HOOK, BINDER, WINCH, STRAP OR CHAIN  
DOING SO CAN CAUSE SEVERE INJURY OR DEATH!**

**ALL OF BRIGHT COOP'S STANDARD LOAD SECUREMENT DEVICES  
ARE TESTED AND CERTIFIED FOR A 3000 LB WORKING LOAD LIMIT**



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### **LOAD SECUREMENT SAFETY TIPS**

- ALWAYS INSPECT ALL LOAD SECUREMENT DEVICES BEFORE EACH USE
- NEVER USE “CHEATER BARS” (HANDLE EXTENSIONS) OF ANY KIND ON BINDERS OR WINCHES
- USE APPROPRIATE WINCH BARS DESIGNED FOR YOUR WINCH TIE-DOWN
- ALWAYS RELEASE BINDERS WITH AN OPEN HAND TO THE BOTTOM OF THE HANDLE - MAKE SURE THAT NO BODY PARTS OR OBJECTS ARE IN THE BINDER’S TRAVEL PATH
- ALWAYS KNOW YOUR WORKING LOAD LIMIT (WLL) - NEVER EXCEED YOUR WLL
- MAKE SURE TO HAVE PROPER AND SECURE FOOTING ON THE GROUND BEFORE ATTEMPTING TO ENGAGE OR DISENGAGE ANY LOAD SECUREMENT DEVICE - TAKE EXTRA CARE DURING BAD WEATHER
- NEVER USE LOAD SECUREMENT BINDERS FOR OVERHEAD LIFTING
- DURING LOAD TRANSIT PERIODICALLY CHECK THAT PROPER LOAD SECUREMENT IS MAINTAINED - MAKE ADJUSTMENTS IF NECESSARY
- PERIODICALLY INSPECT, CLEAN AND LUBRICATE LOAD DEVICES TO ENSURE PROPER OPERATION
- ALWAYS STAND TO ONE SIDE OF A WINCH BAR WHEN RELEASING OR TENSIONING THE TIE-DOWN ASSEMBLY
- NEVER RELEASE THE WINCH BAR WITHOUT CHECKING THAT THE RATCHET IS PROPERLY ENGAGED
- ALWAYS INSERT THE WINCH BAR THROUGH BOTH HOLES IN THE WINCH’S END CAP
- ALWAYS INSPECT THE LOAD ATTACHMENT POINTS (CAGE HOOK HOLD DOWN, TIE BAR, RUB RAIL, D-RING, ETC.) FOR CRACKED OR DAMAGED WELDS OR STEEL; LOOSE, BROKEN OR MISSING BOLTS; OR ANY OTHER WEAR AT THE ATTACHMENT POINTS
- NEVER REPAIR ANY LOAD SECUREMENT DEVICE - ALWAYS REPLACE



### **REMOVE ANY LOAD SECUREMENT DEVICE FROM SERVICE IF:**

- ANY PART OF THE DEVICE IS BENT, TORN, CRACKED, GOUGED, DISTORTED, DEFORMED, STRETCHED OR WORN IN ANY MANNER
- THE DEVICE IS EXCESSIVELY RUSTED
- MARKINGS ARE MISSING, INCORRECT OR UNREADABLE
- ANY PART OF THE DEVICE IS NOT WORKING PROPERLY





## **BRIGHT COOP'S RECOMMENDED BINDER PROCEDURES:**



Picture shows chain loop being used to secure the binder to a tie bar beneath the trailer.

Attach the binder to the trailer.\*



Place the cage hook on the cage at the supplied point.



Place the binder hook on the cage hook chain so that the binder handle hangs at approximately 90 degrees from the side of the cage.



Pull the binder handle down until it is latched. This should compress the springs of the cage hook to approximately 1/2 the travel length of the spring.



**PROPER LOAD SECUREMENT HAS BEEN ACHIEVED**

### **QUICK BINDER TIPS**

- ALWAYS KNOW YOUR WORKING LOAD LIMIT (WLL) - NEVER EXCEED YOUR WLL
- NEVER USE "CHEATER BARS" (HANDLE EXTENSIONS)
- ALWAYS RELEASE BINDERS WITH AN OPEN HAND TO THE BOTTOM OF THE LEVER - MAKE SURE NOTHING IS IN THE TRAVEL PATH OF THE BINDER
- PERIODICALLY INSPECT, CLEAN AND LUBRICATE LOAD DEVICES
- NEVER REPAIR DAMAGED BINDERS - ALWAYS REPLACE
- ALWAYS HAVE SECURE FOOTING ON THE GROUND - USE EXTRA CARE DURING BAD WEATHER
- NEVER USE LOAD SECUREMENT BINDERS FOR OVERHEAD LIFTING
- PERIODICALLY CHECK THAT PROPER LOAD SECUREMENT IS MAINTAINED DURING TRANSIT

\*Standard binders have a hook and a chain loop. Use of either to secure the binder is acceptable.

## **BRIGHT COOP'S RECOMMENDED STRAP PROCEDURES:**

Place the cage hook on the top cage at the supplied point.

Place the strap hook onto the cage hook's chain or loop.

Place the loose end of the webbing in the mandrel slot - pull the excess webbing through the mandrel.

Tension the mandrel - two or three wraps of webbing should be on the mandrel (four to six layers).\*

Insert winch bar through both holes in the end cap.\*\*

Proper tension on the cage hook is reached when the springs are at approximately 1/2 their travel length.

### **QUICK STRAP TIPS**

- ALWAYS KNOW YOUR WORKING LOAD LIMIT (WLL) - NEVER EXCEED YOUR WLL
- NEVER USE "CHEATER BARS" (HANDLE EXTENSIONS)
- ALWAYS USE WINCH BARS DESIGNED FOR YOUR WINCH TIE-DOWNS - SLIP RESISTANT HANDLE IS RECOMMENDED
- PERIODICALLY INSPECT, CLEAN AND LUBRICATE LOAD DEVICES
- NEVER REPAIR DAMAGED STRAPS - ALWAYS REPLACE
- ALWAYS HAVE SECURE FOOTING ON THE GROUND - USE EXTRA CARE DURING BAD WEATHER
- ALWAYS MAINTAIN A FIRM GRIP ON THE WINCH BAR
- NEVER RELEASE WINCH BAR WITHOUT CHECKING THAT THE PAWL IS IN FULL CONTACT OF THE RATCHET TEETH
- ALWAYS STAND CLEAR OF THE TRAVEL PATH OF THE WINCH BAR
- ALWAYS INSERT WINCH BAR THROUGH BOTH HOLES IN THE END CAP
- PERIODICALLY CHECK THAT PROPER LOAD SECUREMENT IS MAINTAINED DURING TRANSIT



\*Additional wraps can cause damage to the winch if excessive tension is applied.

\*\*Using one hole can cause damage and/or injury.