

## Itom / Oty / Dart No. / Deservintian

Item / Qty / Part No. / Description					
01	1	CA4997002	Тор сар		
02	1	AA4465000	Spring		
03	1	CA3139000	Piston		
04	1	M5700002 •	U-Cup seal		
05	1	M69100002 •	Latch pin		
06	1	M5700001 •	U-Cup seal		
07	1	CB6509000	Body		
08	1	BB6654000	Latch		
09	1	CB4425000	Hook		
10	1	AA7842000	Hook pin		
11	4	M30600006 •	Tie bolt		
12	1	AA4197000 •	Latch spring		
13	2	BB8401000 •	Bolt Locking Tab		
14	1	M30100013	Set screw		
15	1	M30100013	Jam set screw		
16	1	M24250049	Relief valve		
17	1	AB0121000	Caution sticker		
18	1	M18500013	Tapered plug		

• Recommended Spares

Warning- Only use #M30600006 Bolts. They are special high strength bolts. Do not substitute any other hex head bolts.

**ATTENTION-** Cranston assembles each hook using a NLGI #2, marine grade, calcium sulfonate base grease (Example: Lucas Marine Grease) which seals out water and inhibits corrosion. Any substitution must be NLGI #2, have a washout rating of less than 3% (typically Calcium Sulfonate or polymerized PTFE), and a viscosity of 120-220 cSt. Ensure grease not applied to threaded areas.

Product description and specification is subject to change without notice. All products and services are covered by Cranston standard terms and conditions, including limits of liability and warrantee effective at the time of sale. Available upon request. © Cranston Machinery Co., Inc.

Our phone number is: + 001 (503) 654-7751 Please visit us at: cranston-machinery.com

Cranston Machinery Co. In. 2251 S.E. Oak Grove Blvd. Oak Grove, Oregon 97267



## Introduction:

The Cranston UNIHOOK<sup>™</sup> is a very robust, marine grade, lifting device, designed to provide remote release of a pre-slung load.

The user must assemble the UNIHOOK™ to a properly rated chain assembly and plumb to a pressurized, regulated air or nitrogen supply.

During attachment to a lifting sling (multiple wire strands, wire ropes, slings, rings, etc.), the pivoting hook is manually cocked in the locked position.

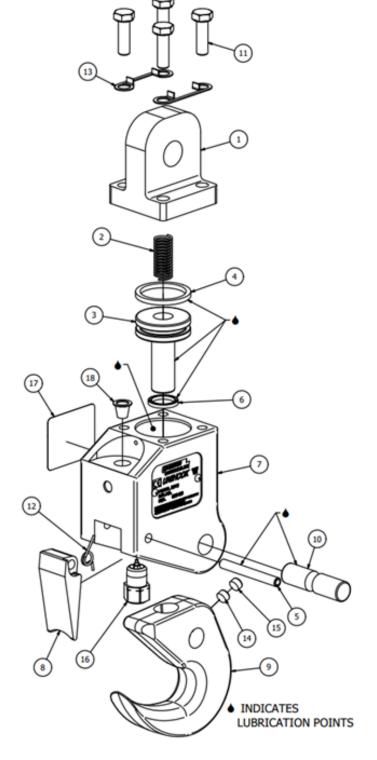
To unlatch the pivoting hook from the locked position, the load must be removed from the hook before the pneumatic supply is applied. For relocating slings, or other similar light load applications (up to 45Kg/100#), the pivoting hook can be released.

Limitation of Liability. Rigging, conditions of use, and maintenance of cargo handling gear is outside of Cranston Machinery Control. The user, therefore, must evaluate each application under the condition of use and the safety factor pertinent to the appropriate industry, to determine the safe application of the Cranston Machinery UNIHOOK™

ATTENTION- All owners, users and technicians should review Cranston Specification CS005 prior to operation or servicing of this UNIHOOK<sup>™</sup>. CS005 is available thru Cranston's website. CS005 includes detail on use, maintenance, and warranty

**WARNING-** It is imperative that the pressurized pneumatic supply does not exceed .14MPa / 20PSI. An internal pressure relief valve is incorporated into this model UNIHOOK<sup>™</sup> to audibly alert the user of an over pressure condition, indicating use should be discontinued, until the condition is corrected.

**NOTE-** Cranston Machinery would be pleased to consider any special requirements you may have. Cranston Machinery designs and manufactures custom tools, lift beams and automated equipment.

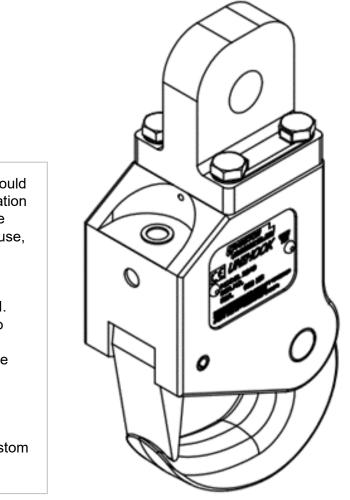


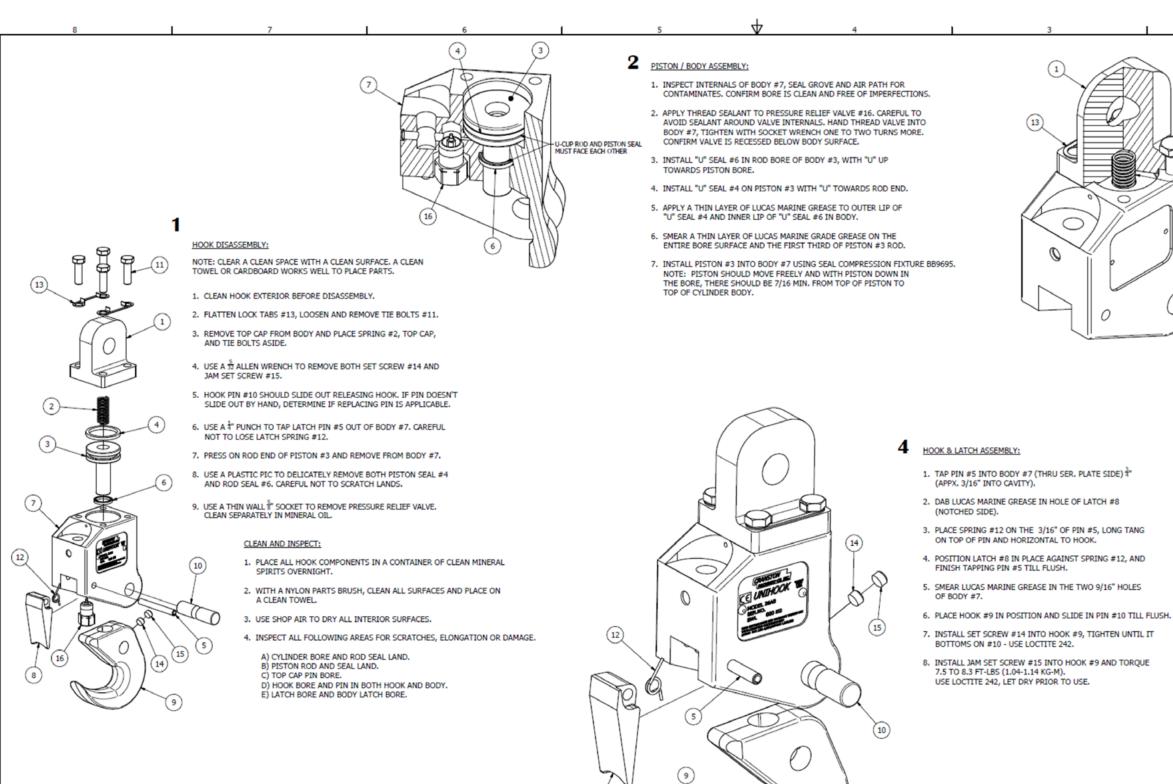
## 2251 S.E. OAK GROVE BLVD., OAK GROVE, OREGON 97267 +001(503)654-7751www.cranston-machinery.com

Bulletin No:	L053	
<b>UNIHOOK™</b> Model:	26A106	
lssued:	220509	
Patent No:	11434110	

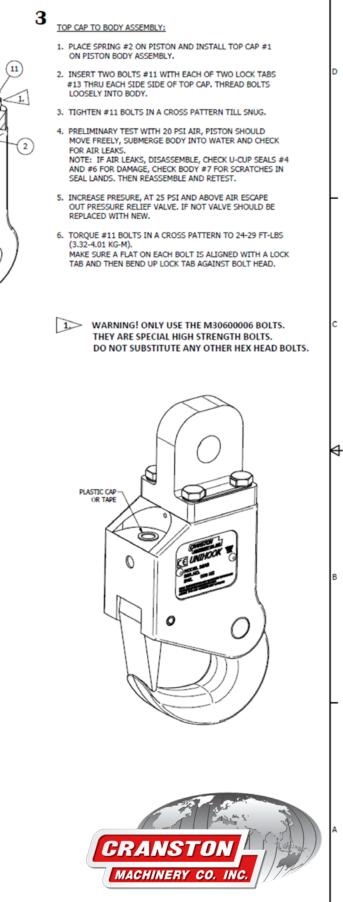
## Specifications:

- Safe Working Load: 3 Metric Tonnes
- Design Safety factor: 4 x SWL
- Certified Testing for each UNIHOOK™: 2 x SWL
- Operating Temperature: -35°C +175°C
- Typical Weight: 5kg / 11#
- Guidelines for Maintenance, Use and Care: CS005
- Top Cap Features: Fixed Cap
- Pivoting hook Material choice: Corrosion Resistant
- CE Compliance: Yes
- Tested for Underwater release: Yes





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1 ORIGINAL: DB9359