

CROSBY EASY-LOC V2™
OPERATION & APPLICATION
INSTRUCTIONS

Crosby®

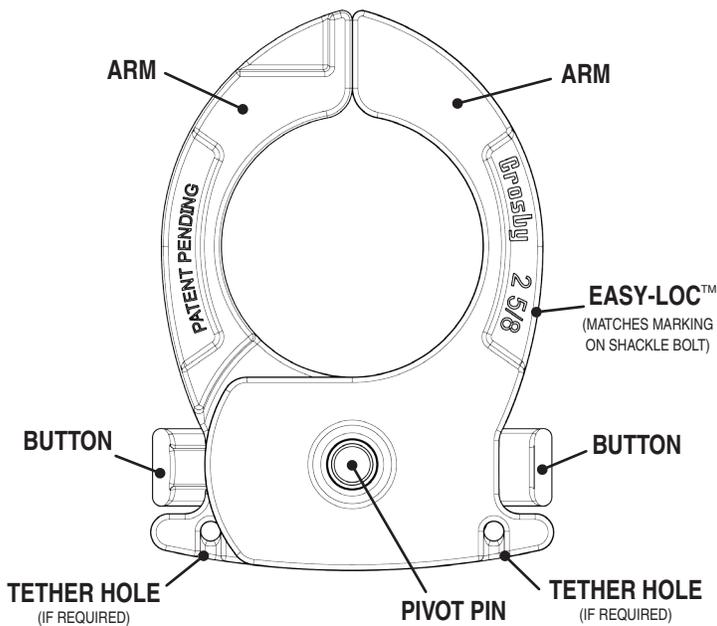
P.O. Box 3128
Tulsa, Oklahoma 74101
(918) 834-4611

www.thecrosbygroup.com

Disponible en Español en www.thecrosbygroup.com

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COMPONENTS & MARKINGS



Easy-Loc V2™ Collar

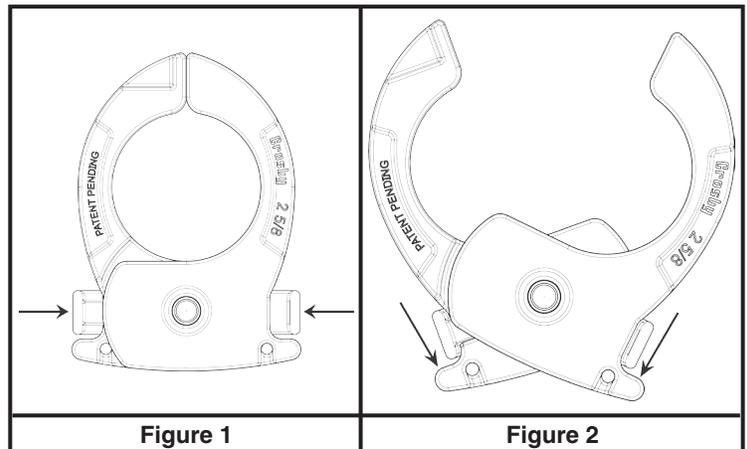
IMPORTANT APPLICATION INFORMATION

- Easy-Loc V2™ collars are for use with Crosby shackles only.
- Easy-Loc V2™ collar may disengage if proper procedures are not followed.
- Never exceed the Working Load Limit (WLL).
- Inspect the collar for damage.
- Do not allow the collar to come into contact with any other object during the lift.
- Always insure the free movement of the buttons and the arms about the pivot pin.
- Do not attempt to detach the collar from the bolt when the shackle is loaded.
- Read and understand these instructions before using the Easy-Loc V2™ collar.

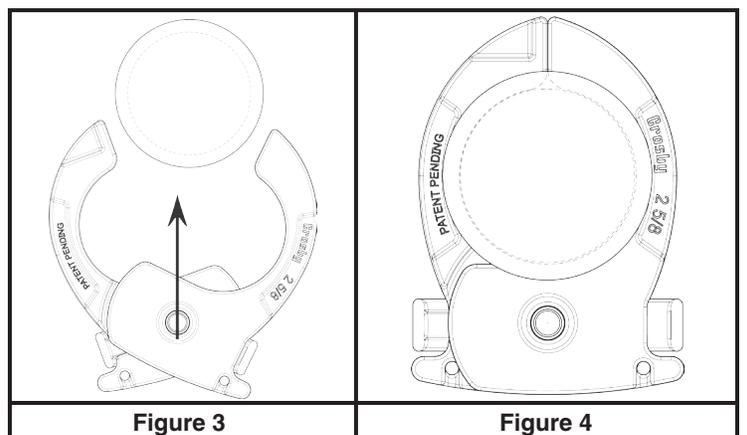
OPERATING PROCEDURES

To install the Easy-Loc V2™ collar on the shackle bolt follow these instructions carefully:

1. To open collar, press both buttons in fully at the same time (Figure 1). The arms should open easily by applying pressure on the collar in a direction away from center opening (Figure 2).



2. Slide the collar over the groove in the proper sized shackle bolt.
3. Close the arms of the collar around the bolt by applying pressure on the arms in a direction towards the bolt (Figure 3).
4. The Easy-Loc V2™ collar is engaged when both buttons snap into their fully extended position. The collar must be fully seated in the shackle bolt groove, and the arms must touch at their ends before the shackle may be used in any lift (see Figure 4). After collar is fully engaged and the ends have touched, a small gap may be visible. See Table 1 for recommended tolerance chart.



OPERATING PROCEDURES CONT.

To remove the Easy-Loc V2™ collar follow these instructions carefully:

1. Press both buttons in fully at the same time.
2. The arms of the collar should open easily by applying pressure on the arms in a direction away from the shackle bolt (See Figure 2, Front Page).
3. Pull the collar out of the groove in the shackle-bolt.
4. Close the arms of the Easy-Loc V2™ collar by applying pressure on the arms in a direction towards the center opening.

Easy-Loc V2™ Collar Size (in.)	2 1/4	2 5/8	3 1/2	4	5 1/4
Allowable Gap "A" (in.)	0.37	0.45	0.53	0.59	0.72
Allowable Gap "A" (mm.)	9.3	11.4	13.5	15.0	18.3

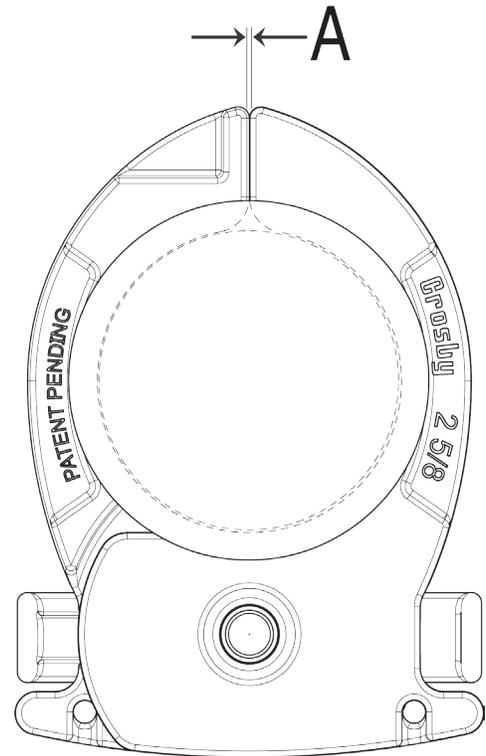


Figure 5
Easy-Loc V2™ Collar
"A" = Allowable Gap
(See Table 1, Left)

COLLAR INSPECTION & MAINTENANCE

Cause for Removal from Service

The collar shall be removed from service if any of the following conditions exist:

- The arms do not move freely through entire operating range.
 - Either of the buttons springs are missing, damaged, or not functioning properly.
 - The buttons do not slide freely through their entire operating range.
 - Wear, corrosion, or loss of material exceeding 10% of any original dimension.
 - Visible cracks, breaks, stretching, or bending.
 - Welding, modification, or alteration of any component.
 - Missing or illegible product markings.
- Nicks, gouges, or other wear resulting in sharp corners should be repaired by grinding to restore smooth surfaces. The maximum allowance for reduction of any original dimension on the collar is 10%. Do not reduce the dimension at the pin/collar interface by more than 5%.
 - When the collar is closed and locked, the Maximum Allowable Gap (A), shown in Table 1 above, should not be exceeded.
 - The collar and its components may not be subjected to any plating or galvanizing process.
 - The Easy-Loc V2™ collar is made of stainless steel but may be painted for additional corrosion control or for identification purposes. Internal sliding or mating surfaces shall not be painted.
 - If the collar needs to be cleaned, the recommended procedure is to blow out the debris with compressed air or water along all parting lines and crevasses. If the debris is hardened, it is recommended to soak the collar in water to loosen up dried debris prior to blowing out with compressed air or water.