



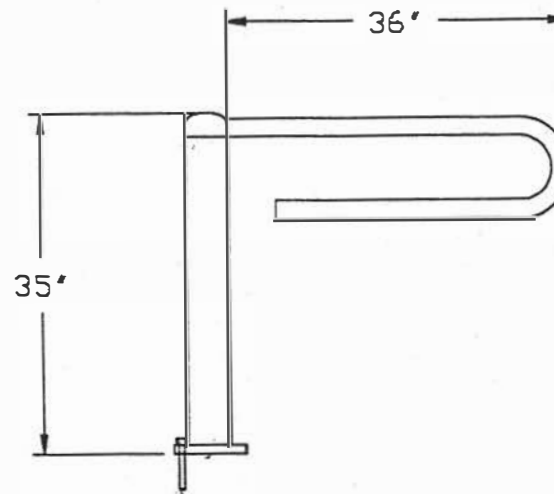
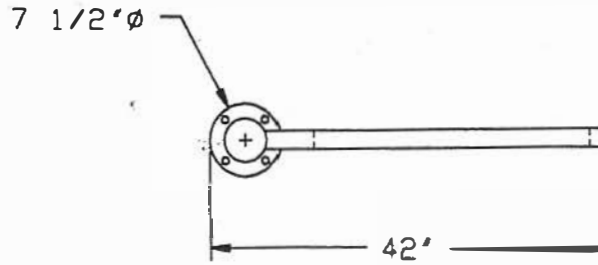
CONTROLLED ACCESS, INC.

1515 West 130th Street • P.O. Box 430 • Hinckley, Ohio 44233
330-273-6185 • 800-942-0829 FAX 330-273-4468 • 800-942-0828

**INSTALLATION
AND
SERVICE MANUAL
FOR
1000HG
WAIST HIGH
HANDICAPPED GATE**

IMPORTANT: Please save this booklet after installation. If installation is done by construction company, please give this booklet to customer when installation is complete. They will require it for maintenance and repairs.


Thank you.



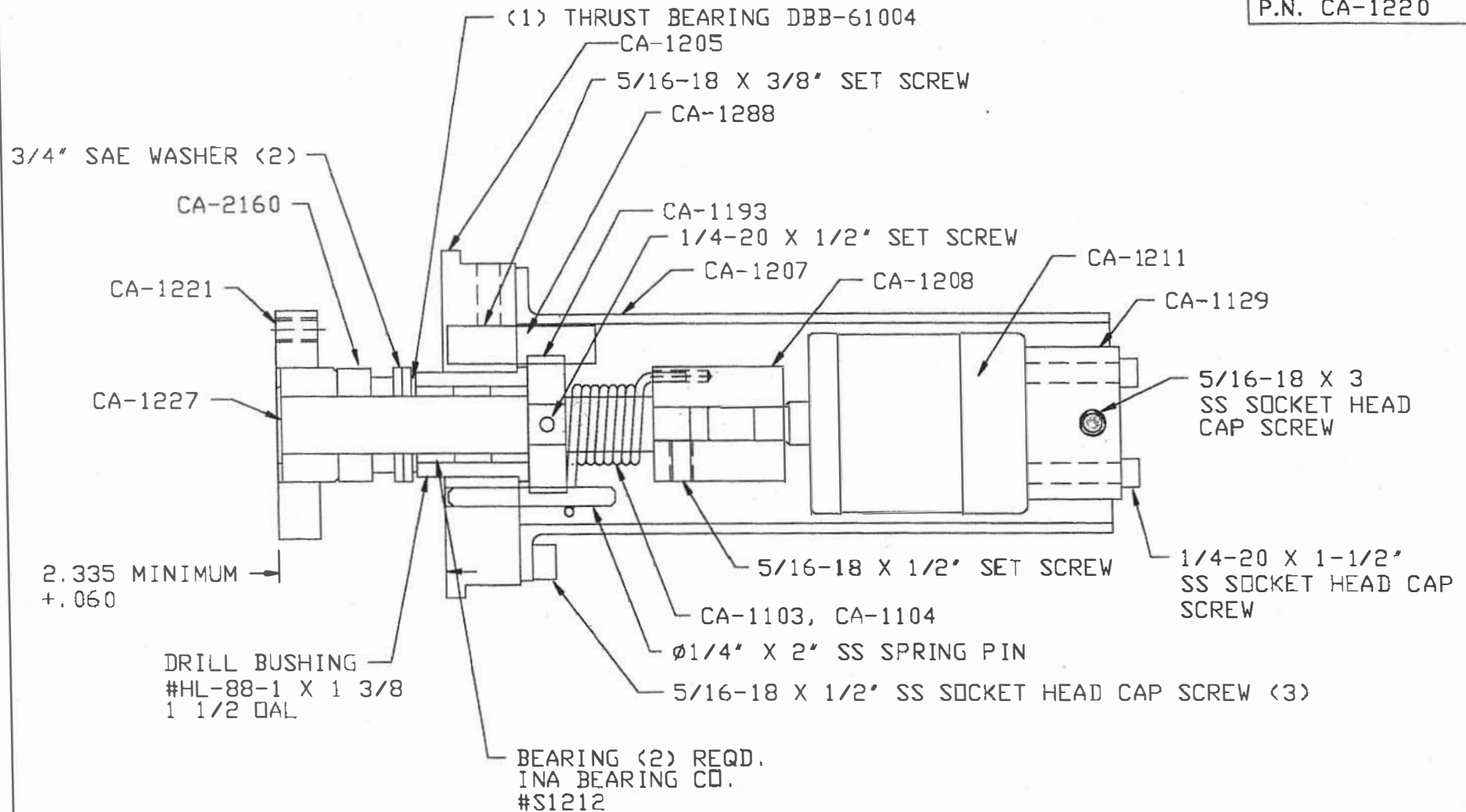
STAINLESS STEEL MATERIAL
180 GRIT FINISH

5/8"Ø x 4 5/8" S.S. ANCHORS
FURNISHED WITH UNITS

TOL. UNLESS OTHERWISE SPEC.
.X ± .1 .XXX ± .015
.XX ± .03 ANGLES .5°

SCALE: 20=1	APPROVED BY:	DRAWN BY: BG
DATE: 13*APR*91		REVISED:
 CONTROLLED ACCESS, INC. 1515 West 130th Street P.O. Box 430 Hinckley, Ohio 44233		216-273-6185 FAX 216-273-4468 USA 1-800-942-0829 FAX 1-800-942-0828
		HANDICAPPED GATE

P.N. CA-1220



MATERIAL: VARIES	SCALE: HALF DATE: 03*MAR*92	APPROVED BY: <i>MS</i>	DRAWN BY: LCIII REVISED: 10/20/98
FINISH: N/A	TOL. UNLESS OTHERWISE SPEC. .X ± .1 .XX ± .03	ANGLES .5°	CA CONTROLLED ACCESS, INC. 1515 West 130th Street P.O. Box 430 Hincklev, Ohio 44233 330-273-6185 FAX 330-273-4468 USA 1-800-942-0829 FAX 1-800-942-0828

ASSEMBLY - HG - FRS

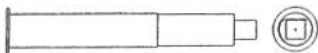
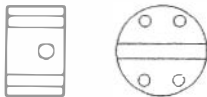

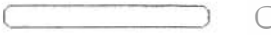
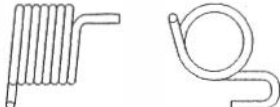





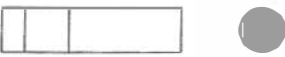

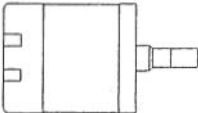


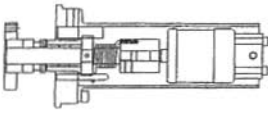


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Sales@CONTROLLEDACCESS.COM

CA-1000-HG-Manual Control Head

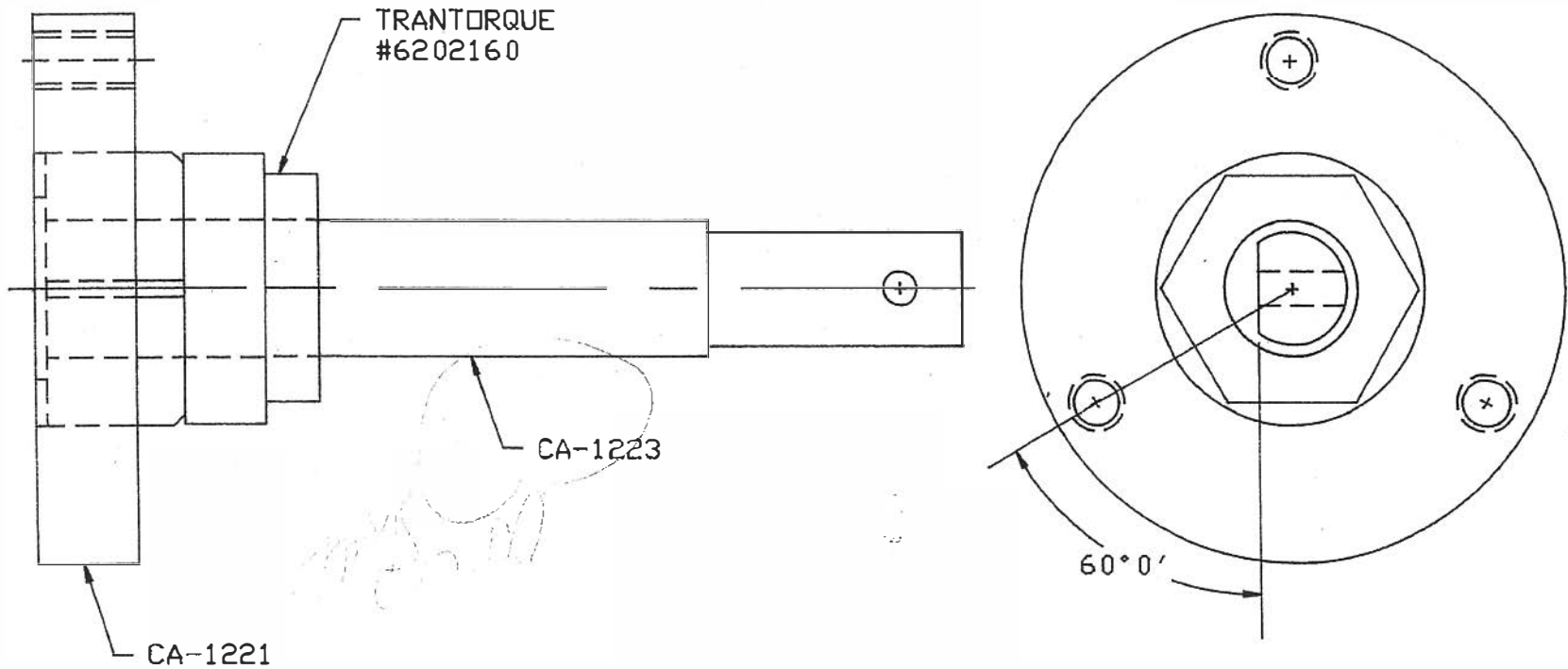
 <p>CA-1227 SHAFT-HG-EBS</p> <p>\$75.34</p>	 <p>CA-1129 ROTARY SHOCK HOLDER</p> <p>\$35.26</p>
 <p>BEARING INA #s1212 2 REQUIRED</p> <p>\$5.10</p>	 <p>1/4" X 2" SPRING PIN</p> <p>★ \$1.00</p>
 <p>CA-1103 TENSION SPRING LH SWING</p> <p>★ \$9.30</p>	 <p>CA-1221 3" HUB-EBS</p> <p>\$60.19</p>
 <p>CA-1104 TENSION SPRING RH SWING</p> <p>★ \$9.30</p>	 <p>3/4" SAE WASHER 2 REQUIRED</p> <p>\$1.25</p>
 <p>CA-1193 D STOP WITH 1/4-20 SET SCREW</p> <p>\$75.89</p>	 <p>CA-216 0 TRANTORQUE</p> <p>\$84.27</p>
 <p>CA-1288 STOP PIN WITH 5/16-18 SET SCREW</p> <p>\$7.50</p>	 <p>THRUST BEARING DBB-61004</p> <p>\$4.00</p>
 <p>CA-1211 ROTARY SHOCK ABSORBER 02605318 M20 RH SWING 02605319 M20 LH SWING</p> <p>\$246.22</p>	 <p>5/16-18 SS BUTTON HEAD CAP SCREW (3) 3/4" LG. (3) 1/2" LG.</p> <p>\$4.00</p>
 <p>CA-1208 SHOCK COUPLING WITH 5/16-18 SET SCREW</p> <p>\$45.48</p>	 <p>COMPLETE CONTROL HEAD SPECIFY RH OR LH SWING</p> <p>\$950.00</p>

★ RECOMMENDED SPARE PARTS

Trantorque Adjustment

The control head may have a trantorque used for breakaway purposes. Over time the arm may lose alignment and split apart. The trantorque can be loosened up using a torque wrench and a 1 ¼ crows foot and turning in a CCW direction. Apply Counter torque using 1 ½ wrench turning and turning in a CW direction. Next reposition the bolt hole pattern of the hub parallel with the top of the unit. Retighten the trantorque to 500-inch lbs. with a torque wrench. Exceeding the recommended torque specifications may prevent the unit from slipping.

P.N. CA-1225

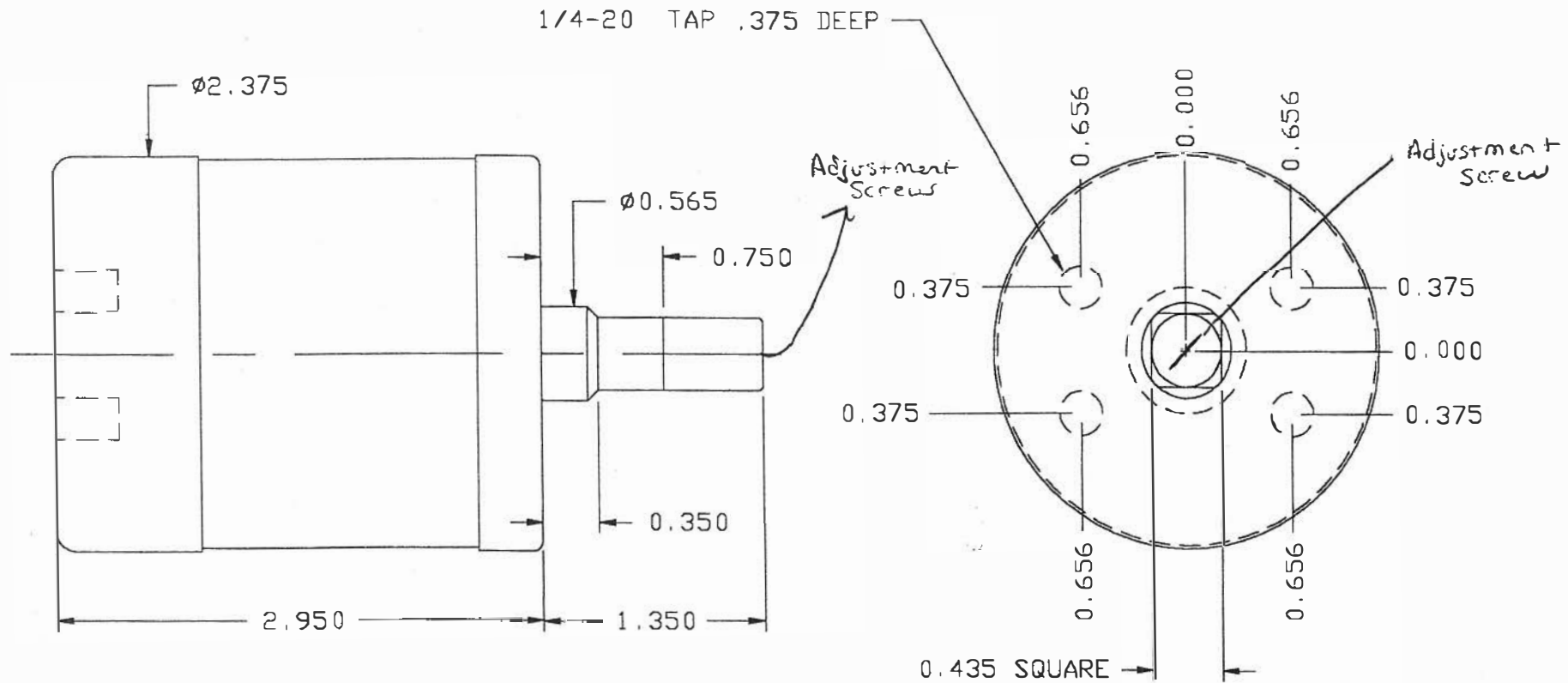


FOR EMERGENCY
BREAKAWAY SYSTEM

TOL. UNLESS OTHERWISE SPEC.
.X ± .1 .XXX ± .015
.XX ± .03 ANGLES .5'

SCALE: FULL	APPROV D BY:	DRAWN BY: BG
DATE: 03*MAR*92		REVISED:
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ASSEMBLY - EBS		

P.N. CA-1211



MODERN INDUSTRY PART NUMBERS
 #CCW-02605319
 #CW-02605318

SCALE: FULL	APPROVED BY: <i>M.S.</i>	DRAWN BY: LCIII
DATE: 04*JUN*91		REVISED:

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TOL. UNLESS OTHERWISE SPEC.
 .X ± .1 .XXX ± .015
 .XX ± .07 .XXX ± .015



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Shock Adjustment for 1000HG

Shock adjustment is set at the factory. Being a hydraulic shock different settings may be required for different environments. (Ex. temperature)

- 1) Remove control head from outer housing. May want to mark pieces before disassembly. There are different combinations that can occur.
- 2) Remove 5/16-18 x 3 socket head cap screw from bottom of control head.
- 3) Remove rotary shock from unit. **DO NOT DROP SHOCK. SERIOUS DAMAGE MAY OCCUR.** Adjustment screw will be found on the underneath side in the center of the shaft.
- 4) Turn screw **CW** no more than ¼ turn at a time for more shock or **CCW** no more than ¼ turn at a time for less shock. Use a 7/16 wrench on square to prevent shaft from turning while adjusting the screw.
- 5) Replace shock in control head the same way it was taken out.
- 6) Replace control head into unit and test. Repeat steps if more adjustment is needed.
- 7) Feel free to send control head back to Controlled Access if problems occur.

www.ControlledAccess.com E-Mail: Sales@controlledaccess.com