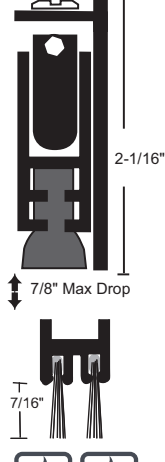


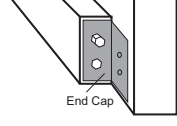


# 310

Surface Mounted  
Automatic  
Door Bottom



See [ngp.com](http://ngp.com) for  
All Applicable  
Certifications for  
this Product.



POSITIVE PRESSURE  
TESTED GASKETING  
MATERIALS FOR  
FIRE DOORS FOR  
APPLICATION TO  
HOLLOW-METAL-  
TYPE FIRE DOORS  
RATED UP TO 3  
HOURS AND WOOD-  
TYPE FIRE DOORS  
RATED UP TO  
1½ HOURS.  
CATEGORY H

SMOKE AND  
DRAFT CONTROL  
GASKETING  
(CATEGORY H)  
TESTED TO UL  
1784; MEETS  
REQUIREMENTS  
OF NFPA 105, IBC  
FOR USE ON "S"  
LABEL DOORS.



[ngp.com](http://ngp.com)  
1-800-NGP-RUSH

FAX:  
(800) 255-7874

QUOTES:  
[quotes@ngp.com](mailto:quotes@ngp.com)



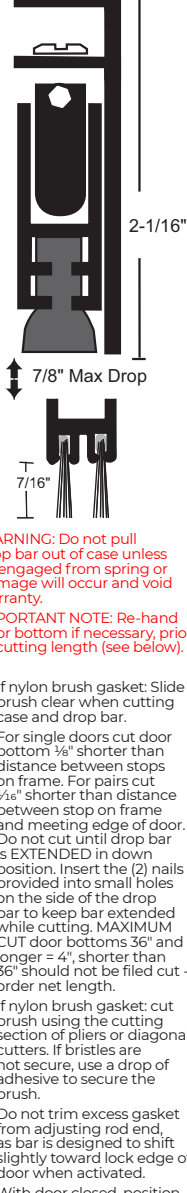
## INSTALLATION INSTRUCTIONS



### WARNING:

Neoprene products can expose you to chemicals including chloroprene, which is known to the State of California to cause cancer. For more information, go to [P65Warnings.ca.gov](http://P65Warnings.ca.gov).

# 310



**WARNING:** Do not pull drop bar out of case unless disengaged from spring or damage will occur and void warranty.

**IMPORTANT NOTE:** Re-hand door bottom if necessary, prior to cutting length (see below).

1. If nylon brush gasket: Slide brush clear when cutting case and drop bar.
2. For single doors cut door bottom  $\frac{1}{8}$ " shorter than distance between stops on frame. For pairs cut  $\frac{1}{16}$ " shorter than distance between stop on frame and meeting edge of door. Do not cut until drop bar is EXTENDED in down position. Insert the (2) nails provided into small holes on the side of the drop bar to keep bar extended while cutting. MAXIMUM CUT door bottoms 36" and longer = 4", shorter than 36" should not be filed cut - order net length.
3. If nylon brush gasket: cut brush using the cutting section of pliers or diagonal cutters. If bristles are not secure, use a drop of adhesive to secure the brush.
4. Do not trim excess gasket from adjusting rod end, as bar is designed to shift slightly toward lock edge of door when activated.
5. With door closed, position on push side of door with adjusting rod toward hinge edge. Align bottom of case flush with bottom of door and  $\frac{1}{16}$ " clearance at each end, mark screw holes.
6. Drill pilot holes for screws using  $\frac{9}{64}$ " drill bits. For model 221 top flange screws, drill pilot holes using  $\frac{5}{64}$ " drill bit.
7. Install with screws provided. Tighten center mounting screw snug first, then tighten remaining mounting screws. Do not over tighten.
8. Set adjusting rod for proper seal. To reduce drop, turn adjusting rod right; to increase drop, turn adjusting rod left. Once hinge end of drop bar makes solid contact, other end will drop.

### REHANDING:

1. Remove adjusting rod by turning left.
2. Remove coil spring and nut from adjusting rod. Slide adjusting rod out of rod guide.
3. Remove drop bar by unhooking from spring.
4. Unscrew rod guide (except model 310) and install on opposite end, With guide approximately  $\frac{3}{4}$ " from end.
5. Measure distance from end of door bottom to center of screw that holds spring. This exact dimension will be required on opposite end in next step.
6. Unscrew spring from case. Re-attach at opposite end at precisely same dimension measured.
7. Re-attach drop bar.
8. Slide adjusting rod thru rod guide on opposite end. Re-attach nut and coil spring to rod in original position.

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