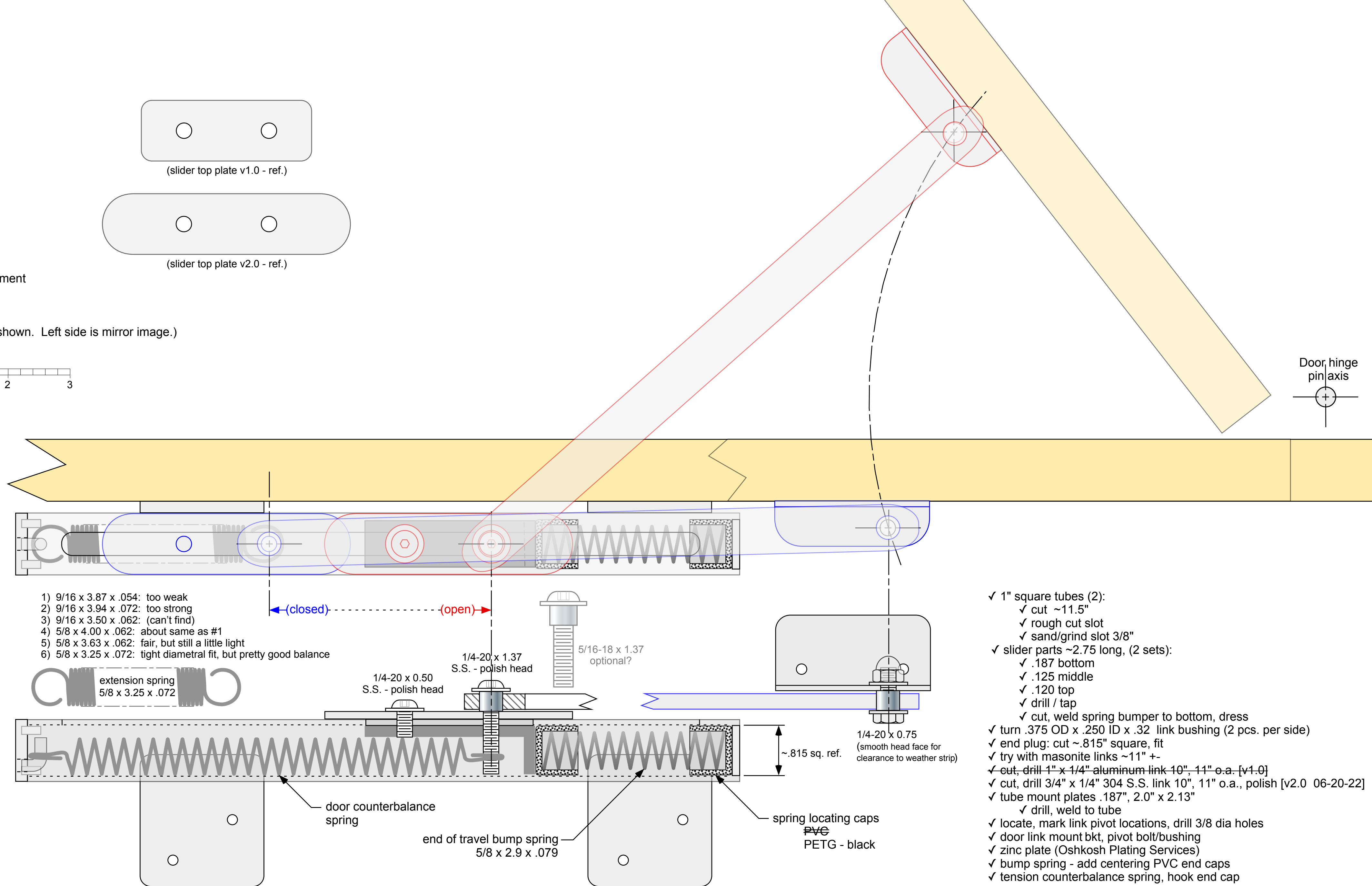
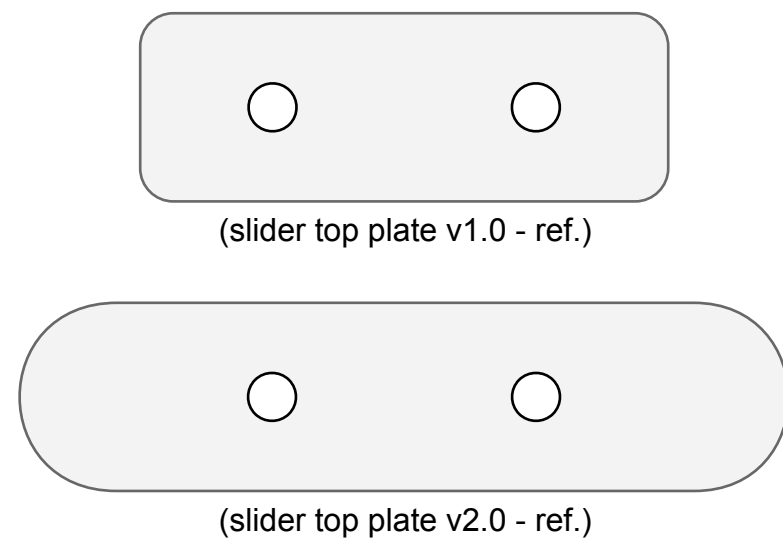
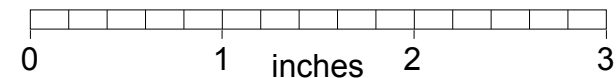


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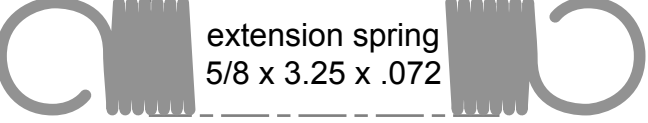
Door snubber arrangement
 init. May 2013 R.A.B.
 rev. 09-11-23 R.A.B.

(Right side assembly shown. Left side is mirror image.)

scale: full



- 1) 9/16 x 3.87 x .054: too weak
- 2) 9/16 x 3.94 x .072: too strong
- 3) 9/16 x 3.50 x .062: (can't find)
- 4) 5/8 x 4.00 x .062: about same as #1
- 5) 5/8 x 3.63 x .062: fair, but still a little light
- 6) 5/8 x 3.25 x .072: tight diametral fit, but pretty good balance



extension spring
 5/8 x 3.25 x .072

1/4-20 x 0.50
 S.S. - polish head

1/4-20 x 1.37
 S.S. - polish head

5/16-18 x 1.37
 optional?

1/4-20 x 0.75
 (smooth head face for
 clearance to weather strip)

door counterbalance
 spring

end of travel bump spring
 5/8 x 2.9 x .079

spring locating caps
 PVC
 PETG - black

- ✓ 1" square tubes (2):
 - ✓ cut ~11.5"
 - ✓ rough cut slot
 - ✓ sand/grind slot 3/8"
- ✓ slider parts ~2.75 long, (2 sets):
 - ✓ .187 bottom
 - ✓ .125 middle
 - ✓ .120 top
 - ✓ drill / tap
 - ✓ cut, weld spring bumper to bottom, dress
- ✓ turn .375 OD x .250 ID x .32 link bushing (2 pcs. per side)
- ✓ end plug: cut ~.815" square, fit
- ✓ try with masonite links ~11" +/-
- ✓ cut, drill 1" x 1/4" aluminum link 10", 11" o.a. [v1.0]
- ✓ cut, drill 3/4" x 1/4" 304 S.S. link 10", 11" o.a., polish [v2.0 06-20-22]
- ✓ tube mount plates .187", 2.0" x 2.13"
 - ✓ drill, weld to tube
- ✓ locate, mark link pivot locations, drill 3/8 dia holes
- ✓ door link mount bkt, pivot bolt/bushing
- ✓ zinc plate (Oshkosh Plating Services)
- ✓ bump spring - add centering PVC end caps
- ✓ tension counterbalance spring, hook end cap