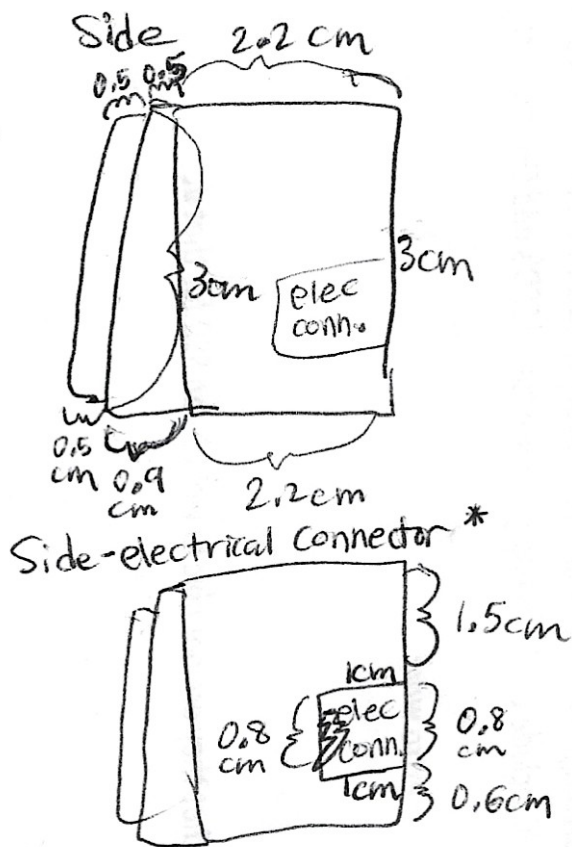
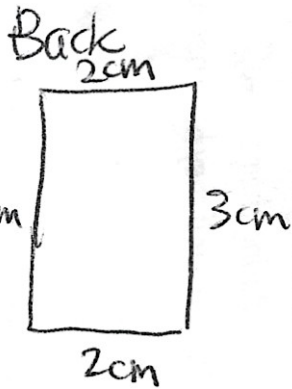


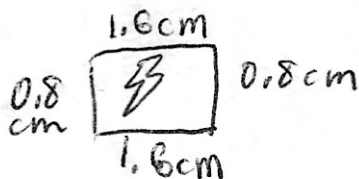
CCM Buttons



* The electrical connector exists even for unused/nonexistent button positions



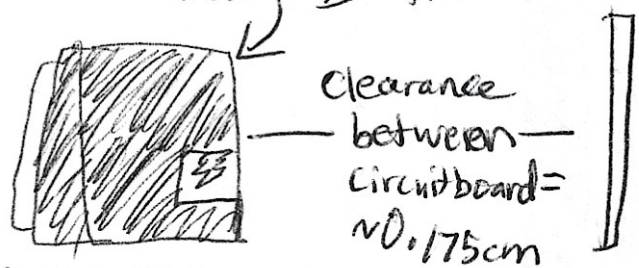
Back-electrical connector



Orientation Guide



Usable space for aftermarket buttons filled



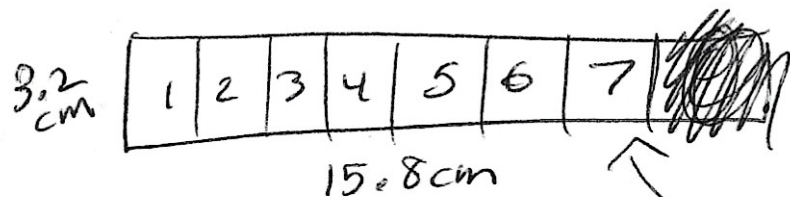
MUST CONSIDER:

1. Can't use space occupied by electrical connector
2. Don't short on circuit board

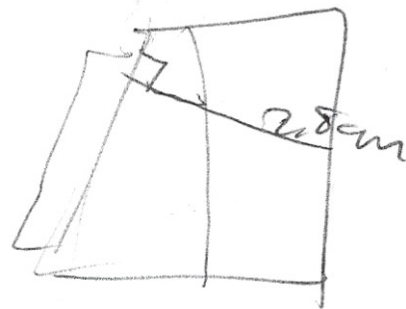
3. Where to make cutout to run wires out of CCM
(can decide from actual pics. Maybe cut hole
next to 12V outlet to run wires
and thru hole in radio/CCM bracket)

CCM Button Area Usable Space

BACK ~~FRONT~~

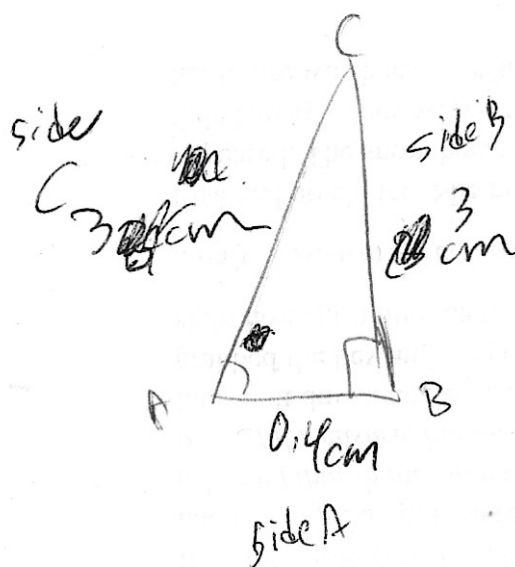


these are left side
of CCM where
your buttons probably
are if you're left hand
drive so you can't
use this space.



Suggest to
cut cardboard
mockup to determine
fit

Pythagorean Theorem



$$\sin \theta = \frac{3}{3.2}$$

$$\sin \theta = \frac{3}{3}$$

$$\cos \theta = \frac{0.4}{3}$$

$$\tan \theta = \frac{3}{0.4}$$

$$a^2 + b^2 = c^2$$

$$c = \sqrt{a^2 + b^2}$$

$$= \sqrt{0.16 + 9}$$

$$= \sqrt{9.16}$$

$$= 3 \text{ cm}$$

$$\theta = 90^\circ$$

$$\theta = 82^\circ$$

$$\theta = 82^\circ$$

