

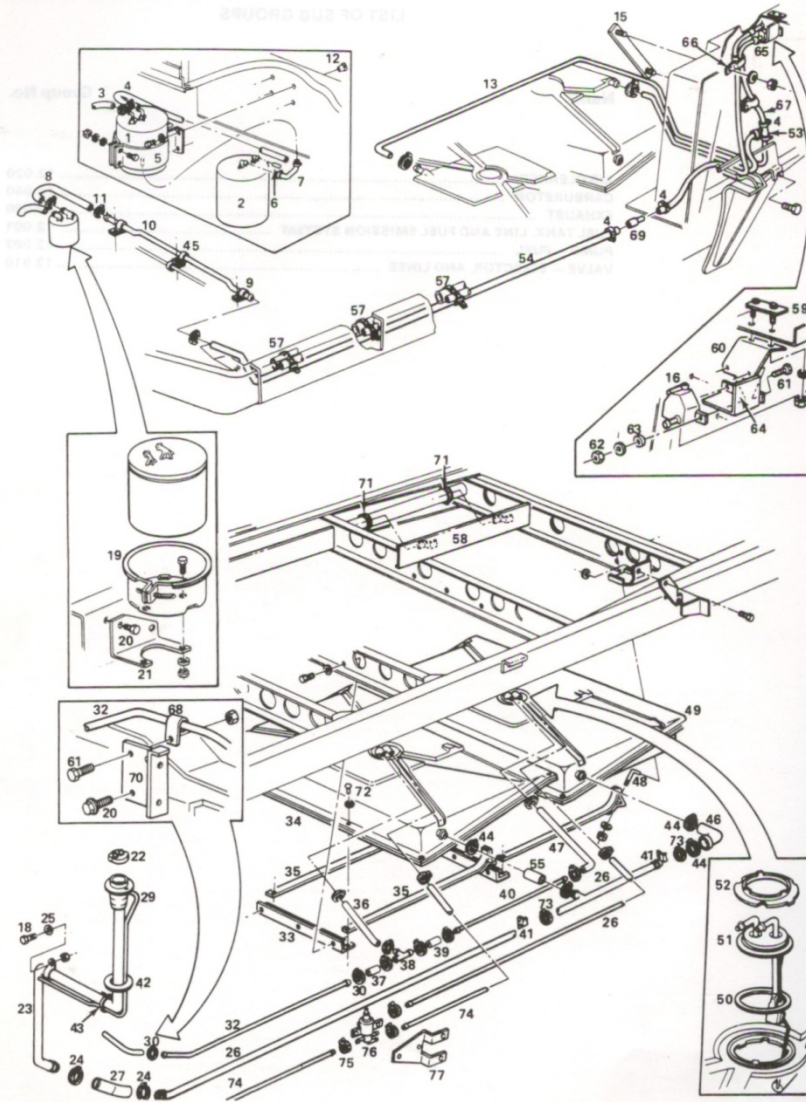
FUELING PROBLEMS

GMC 2017 SPRING CONVENTION
SHAWNEE, OKLAHOMA

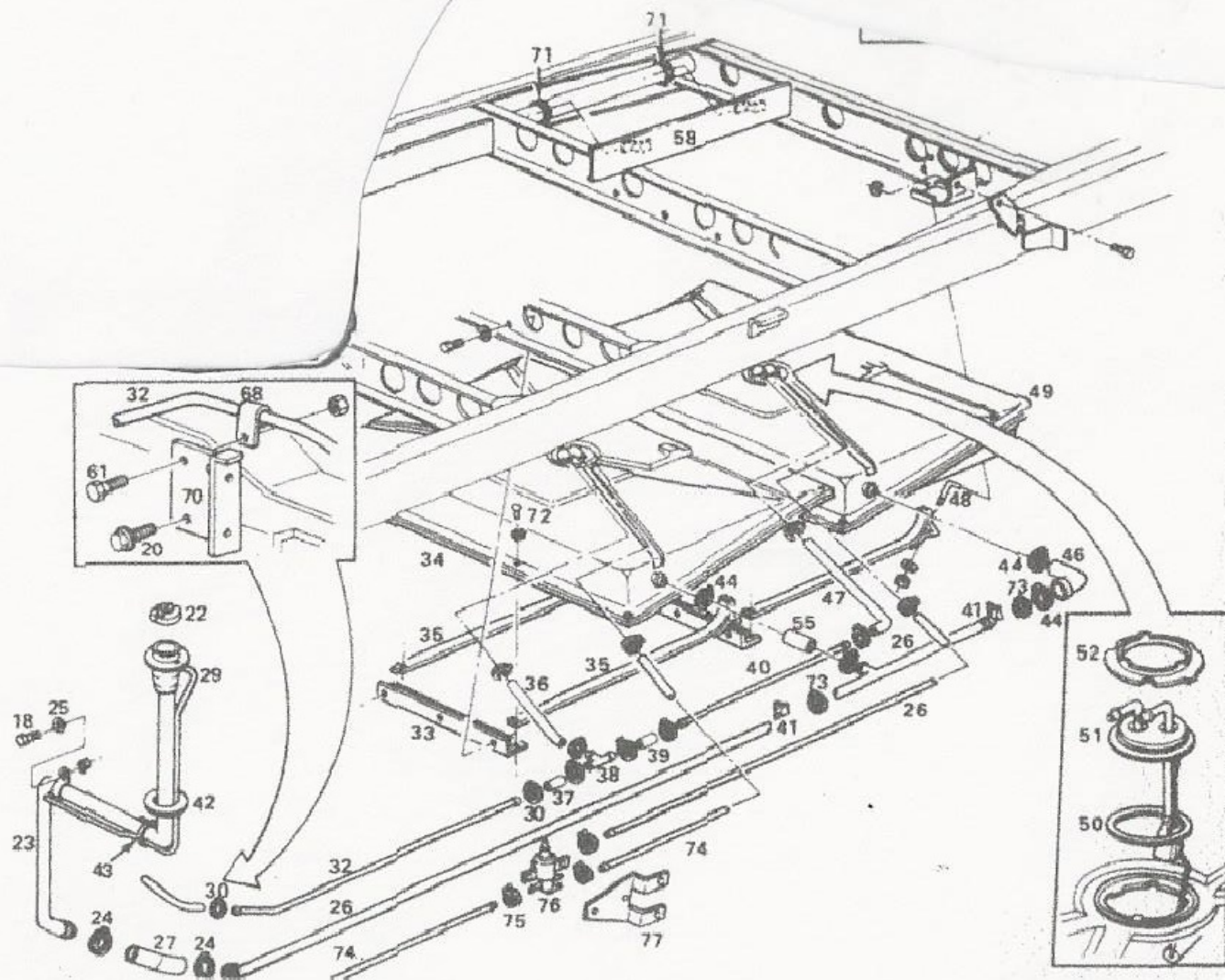
PAUL DOANE

DISCLAIMER:

I am not an automotive engineer, I am not an engineer, I am not even close. The information I am giving you today is a result of my research on the subject and my experience working on my coach. I would urge you to verify all information and come to your own conclusions before making any changes to your coach.



12P-6060-177

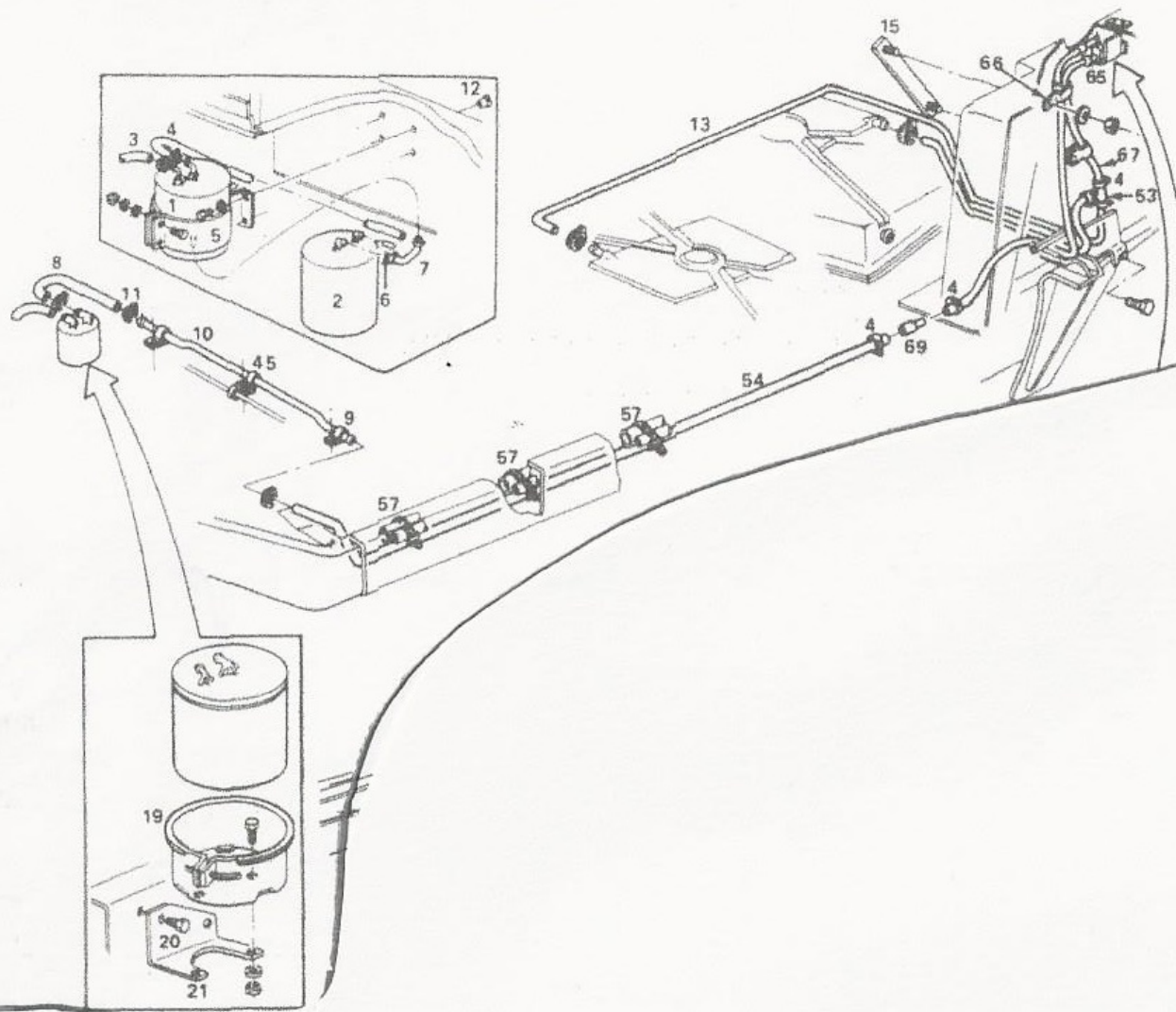


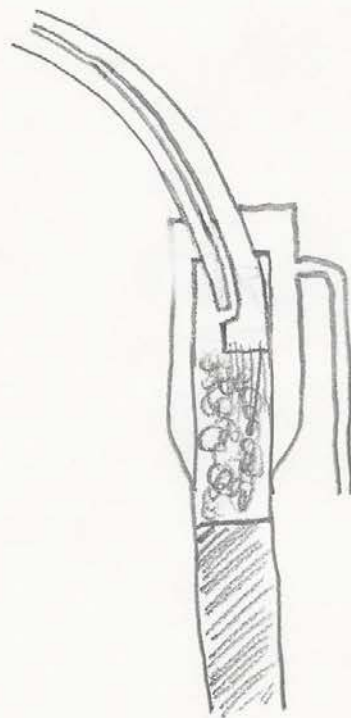
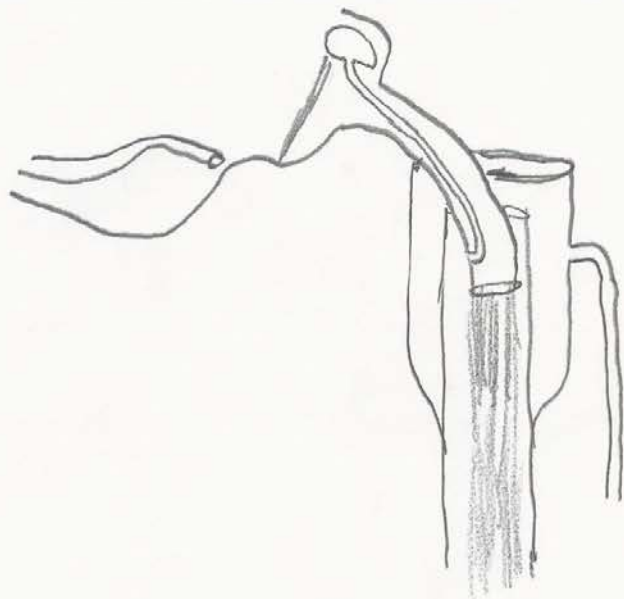
12P-6060-177

12.001 FUEL TANK, LINES & FUEL EMISSION SYSTEM

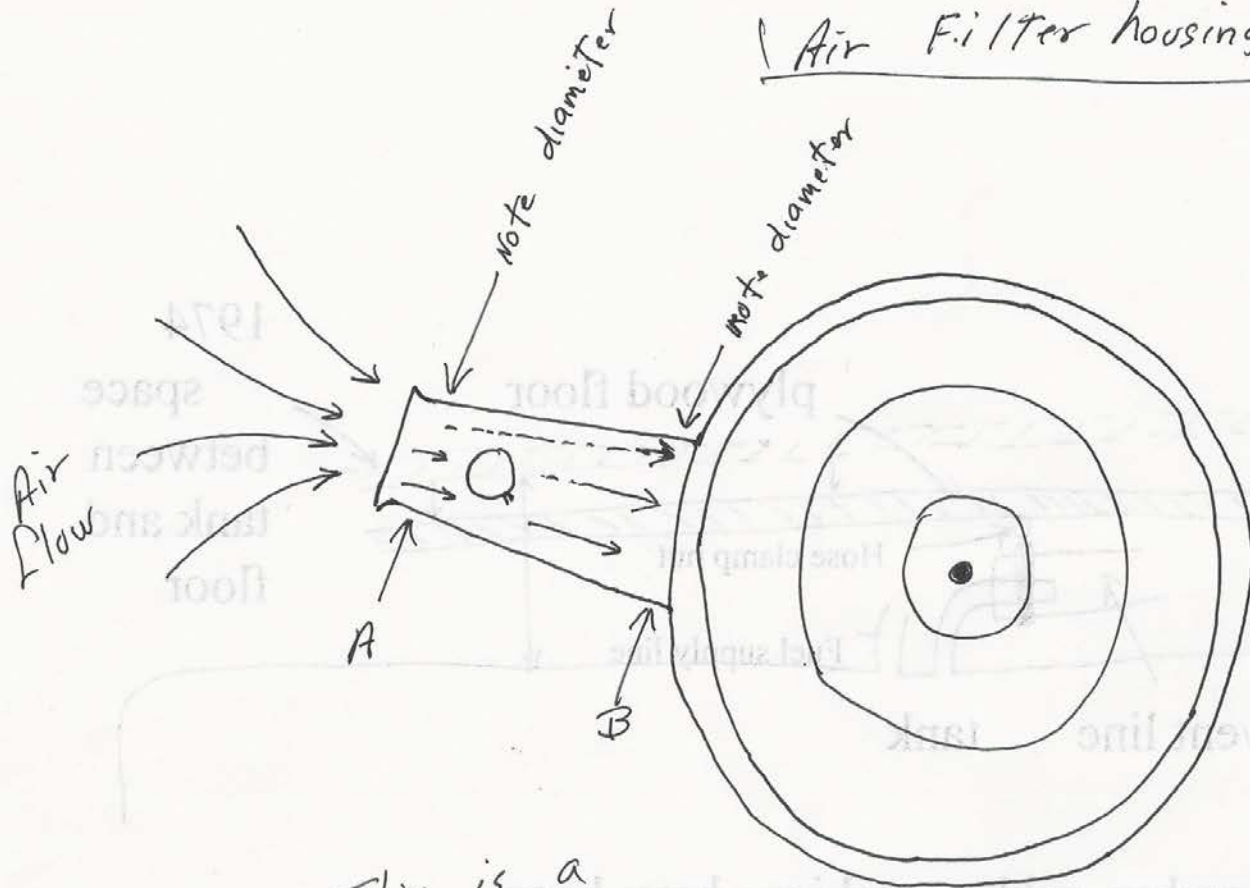
12-2

FUEL



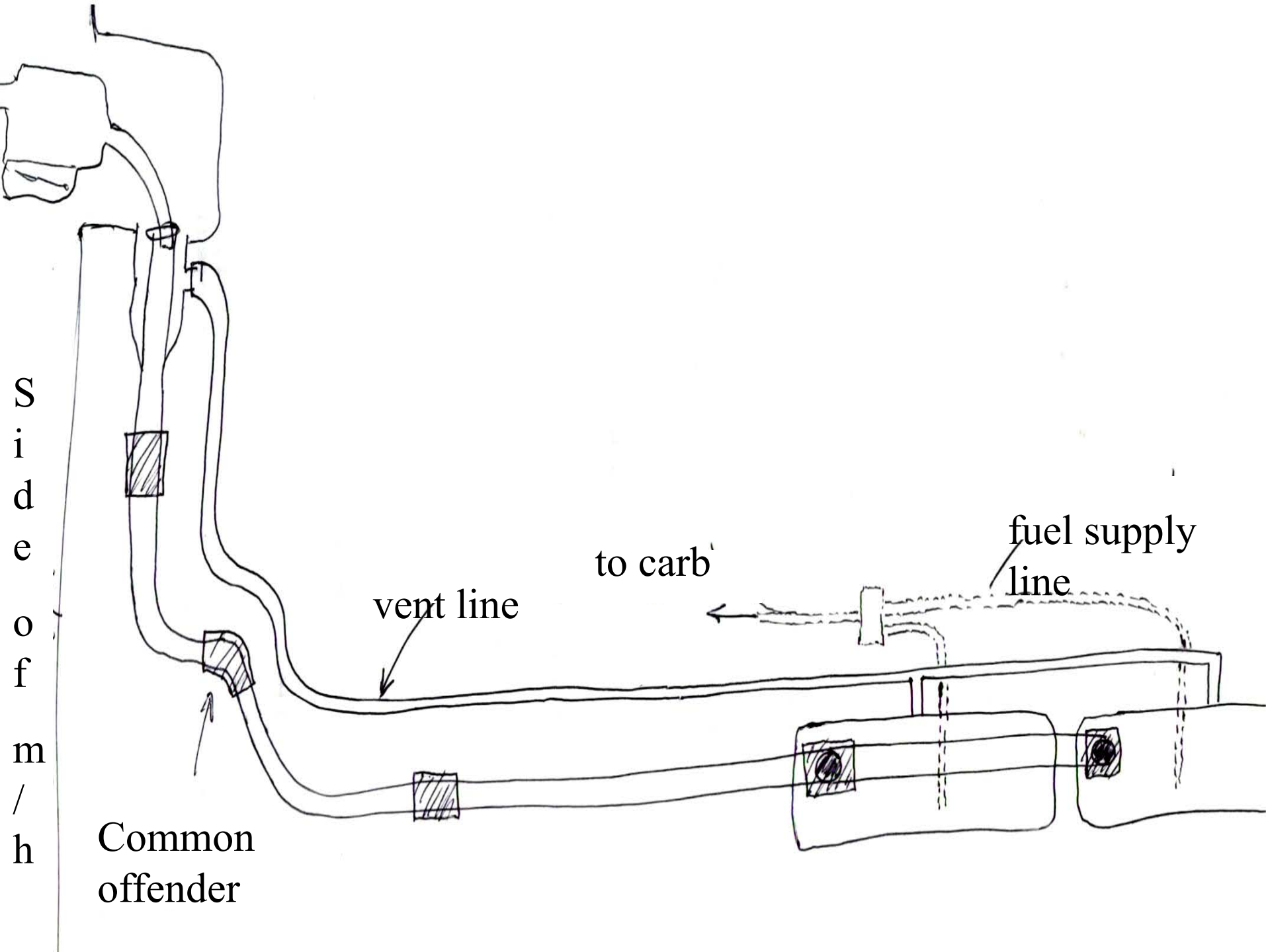


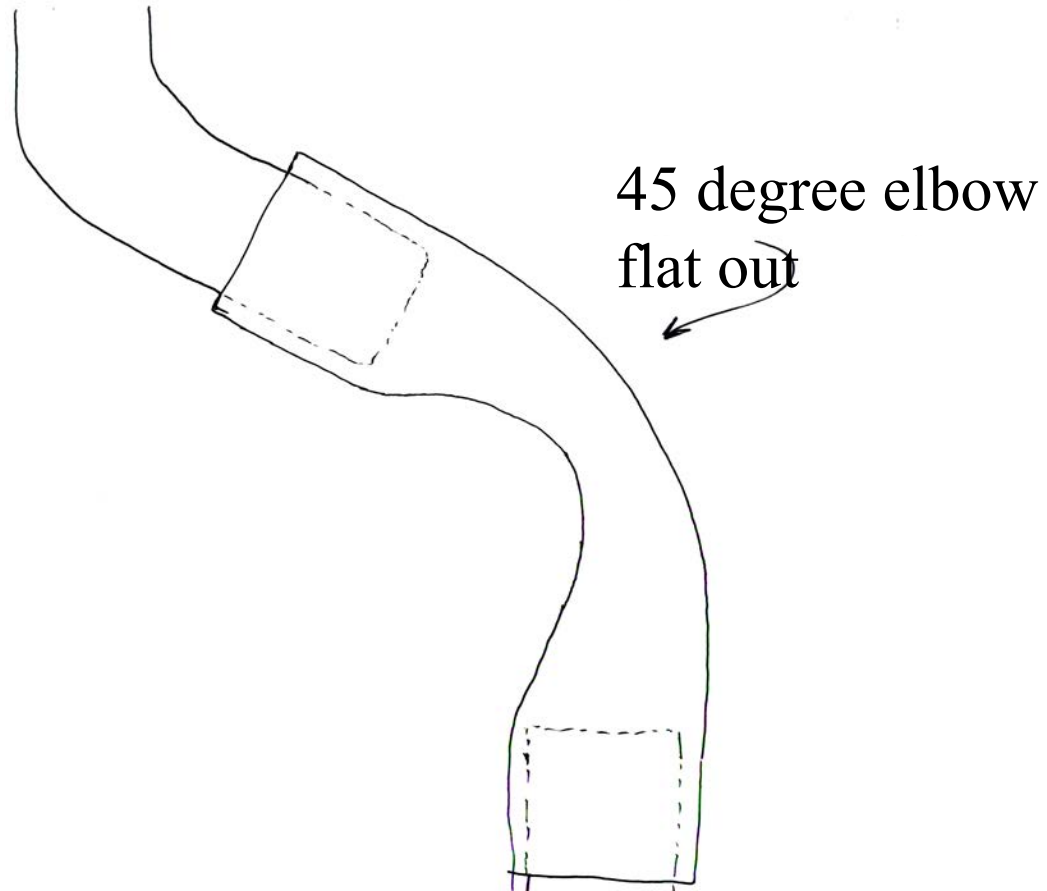
Air Filter Housing

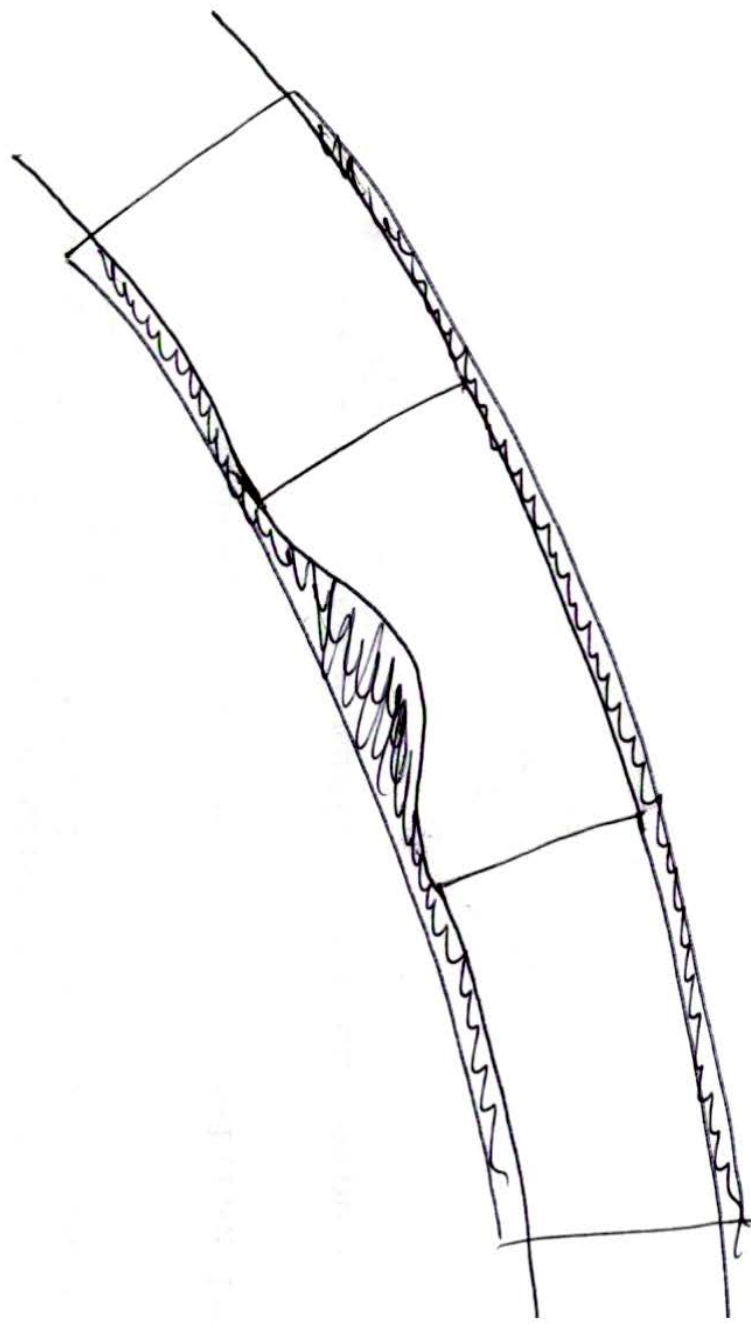
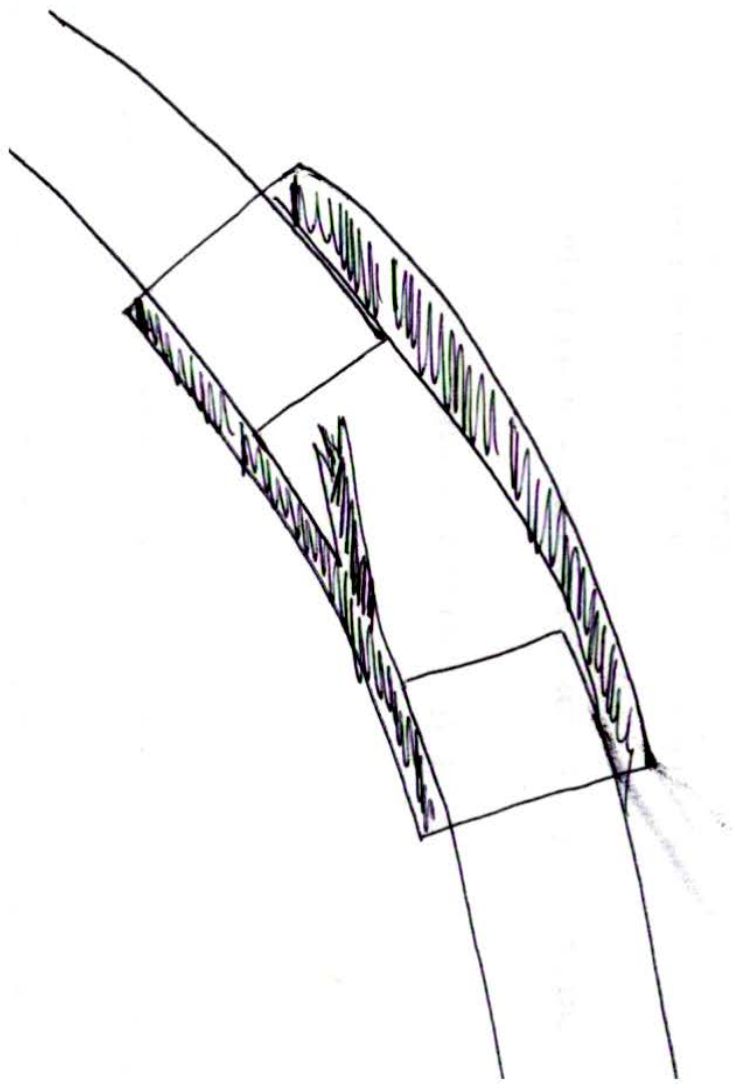


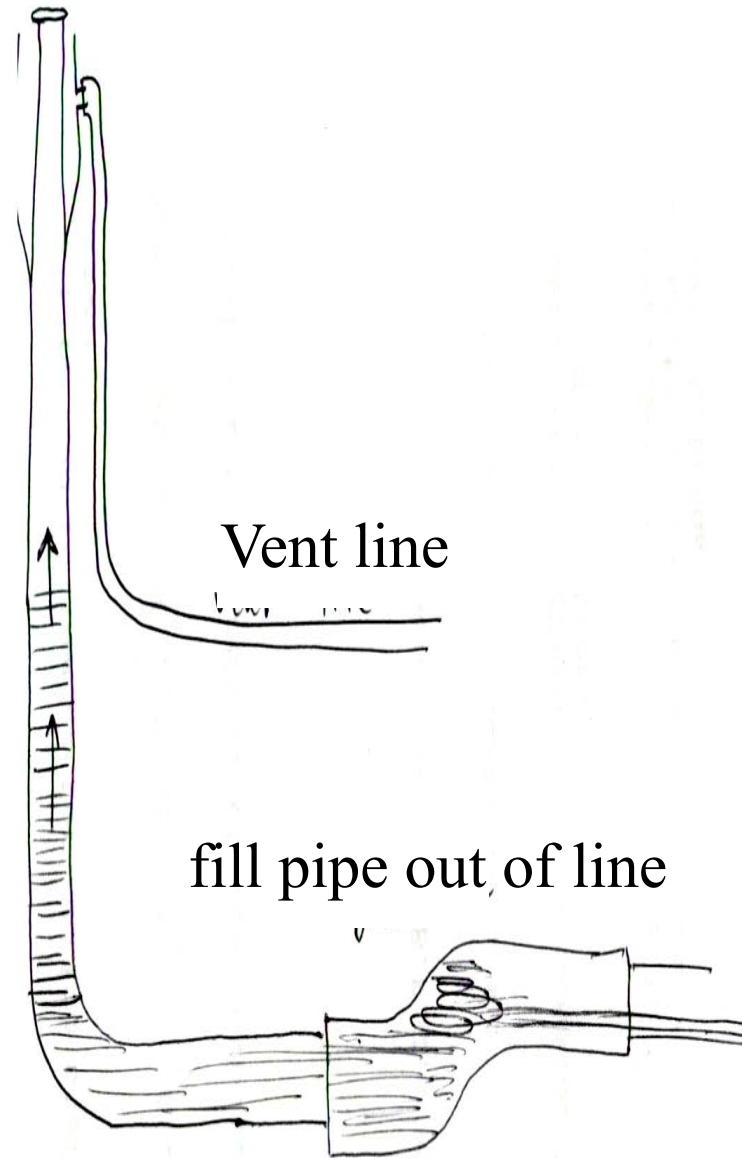
This is a
Venturi

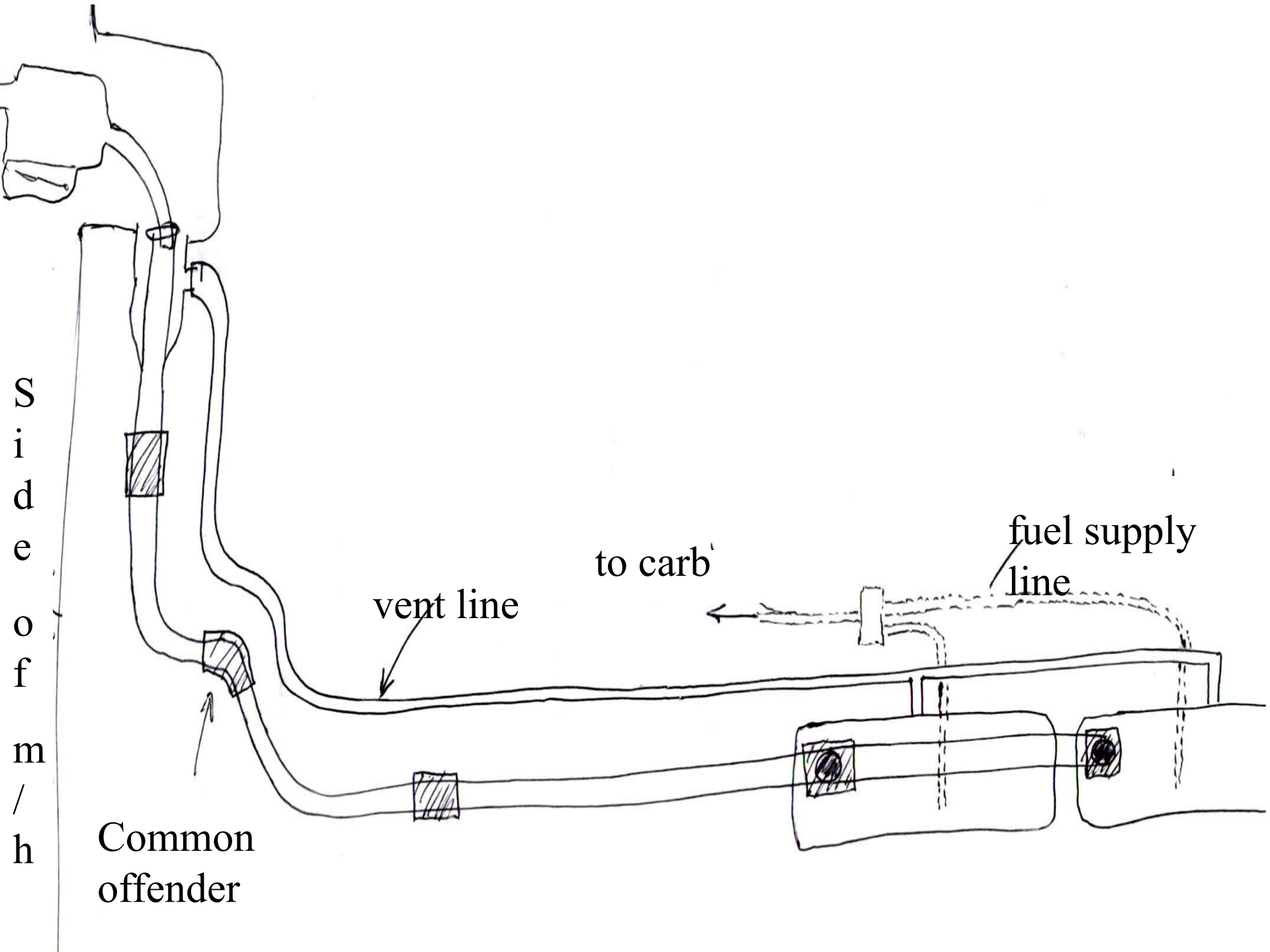
Why is diameter A less than
diameter B?

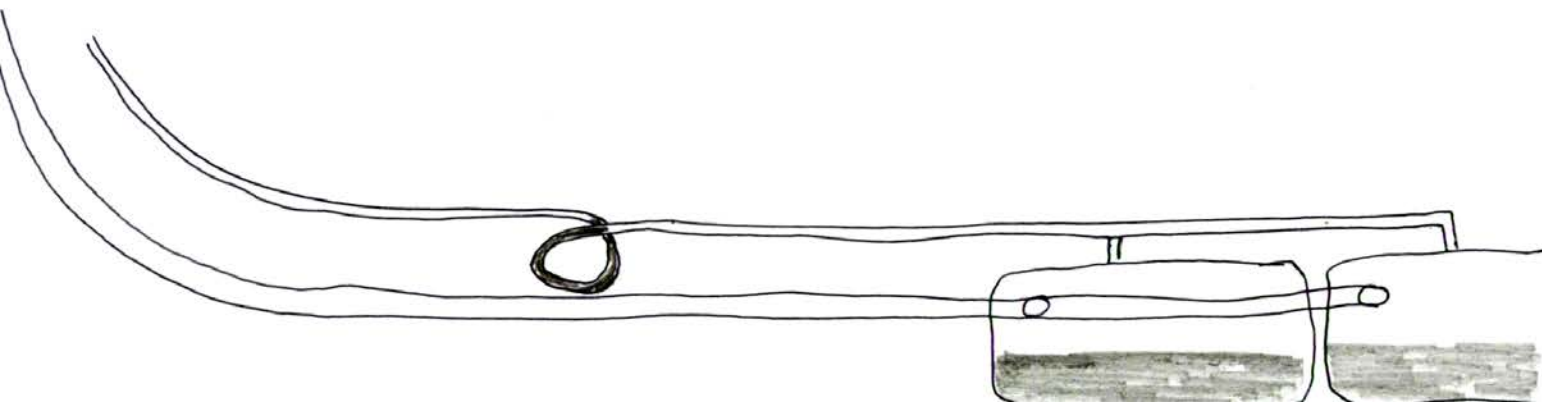
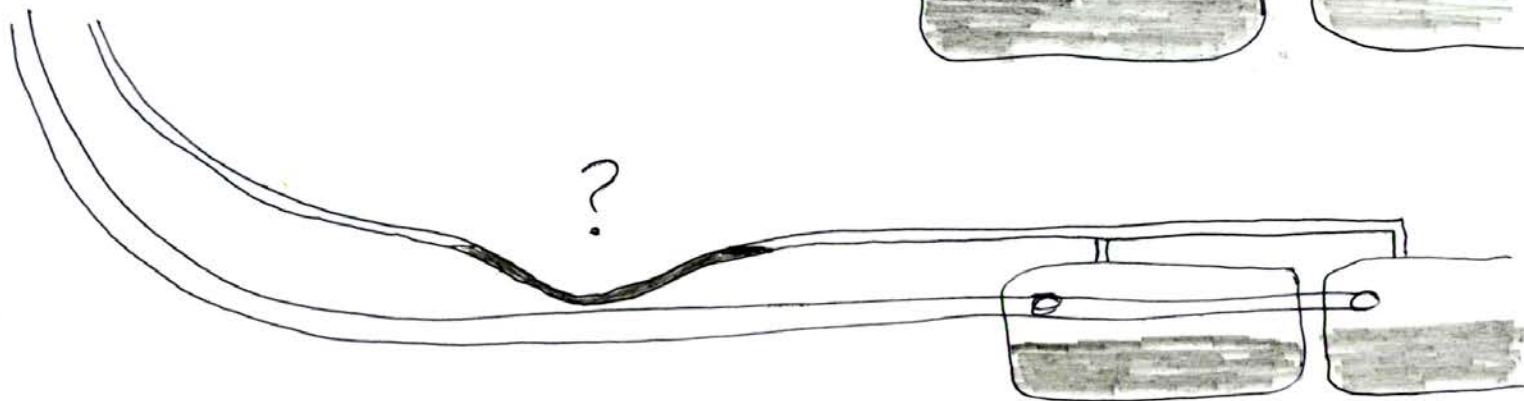
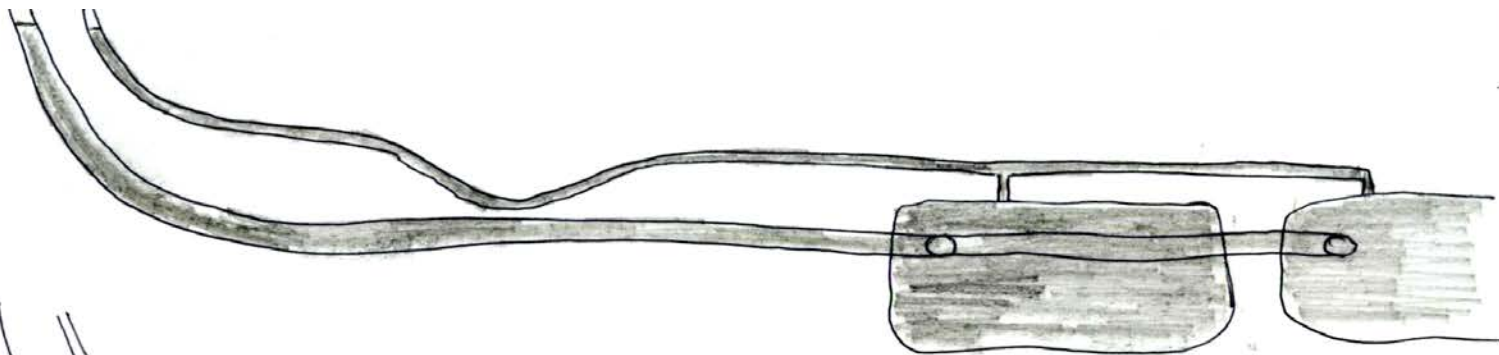






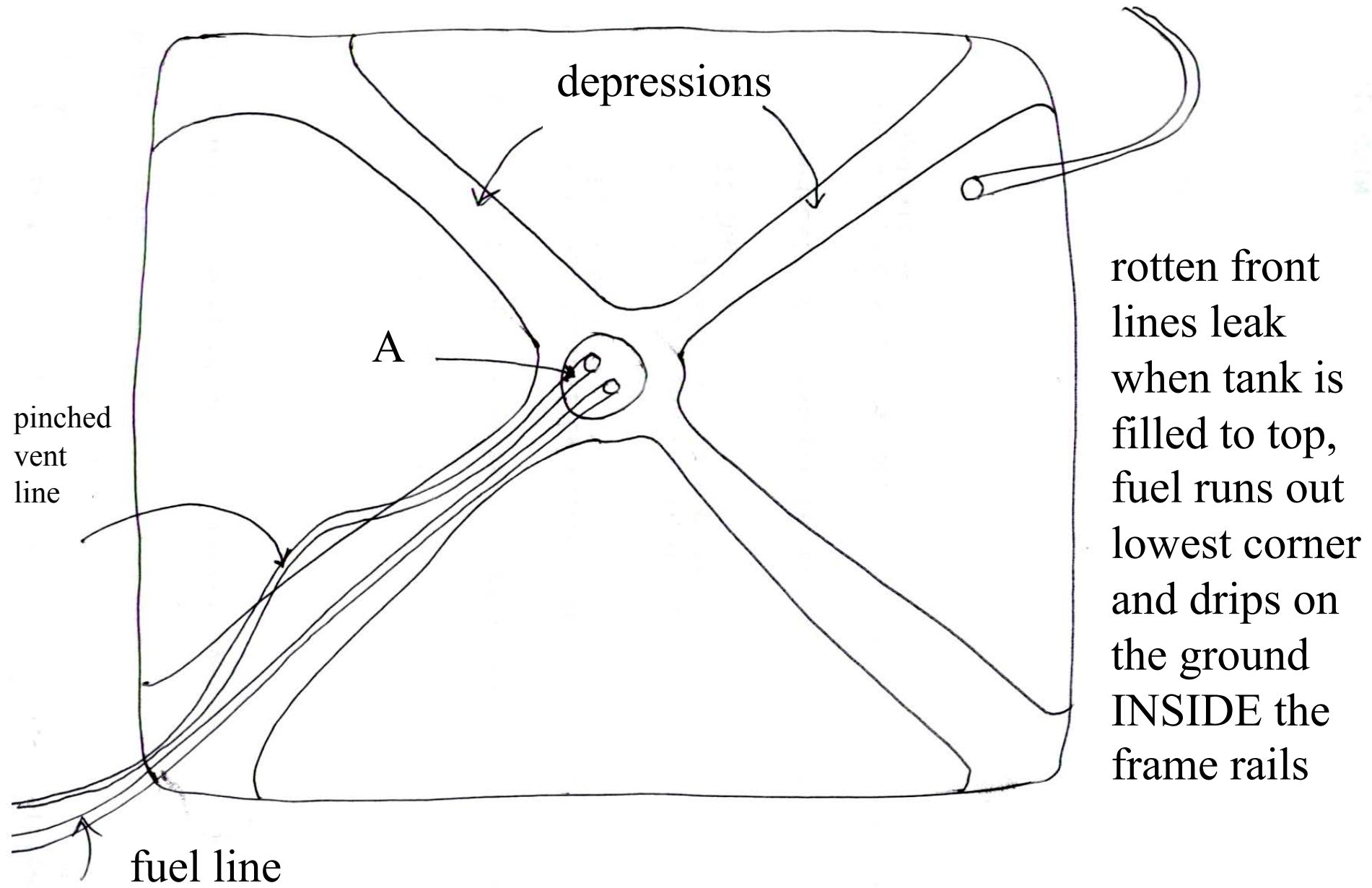


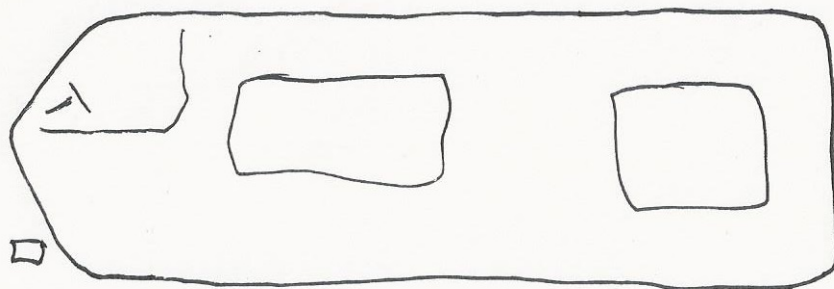




View down on top of tank

to carbon cannister





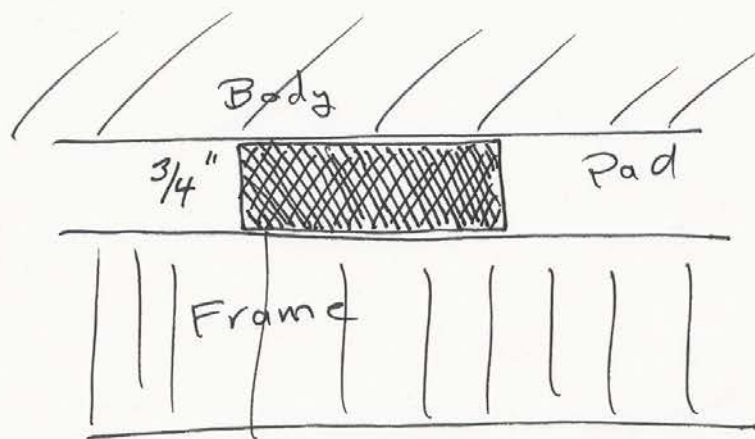
Body



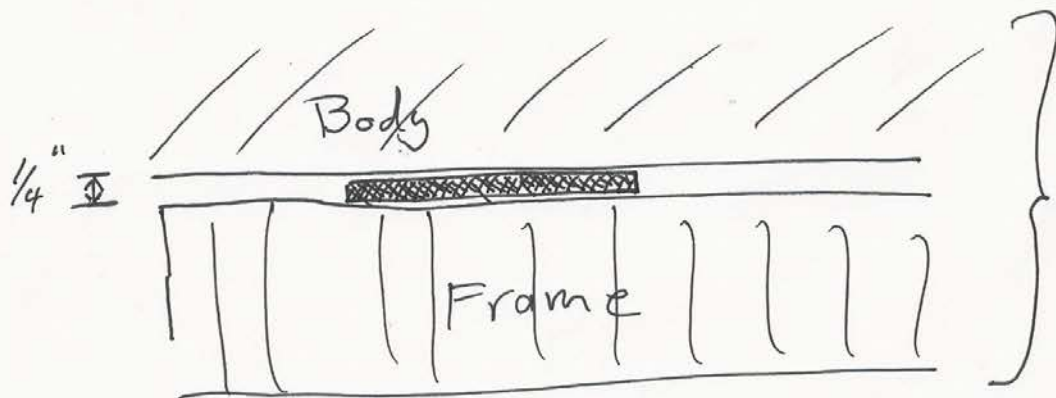
Rubber pads

Frame Rails

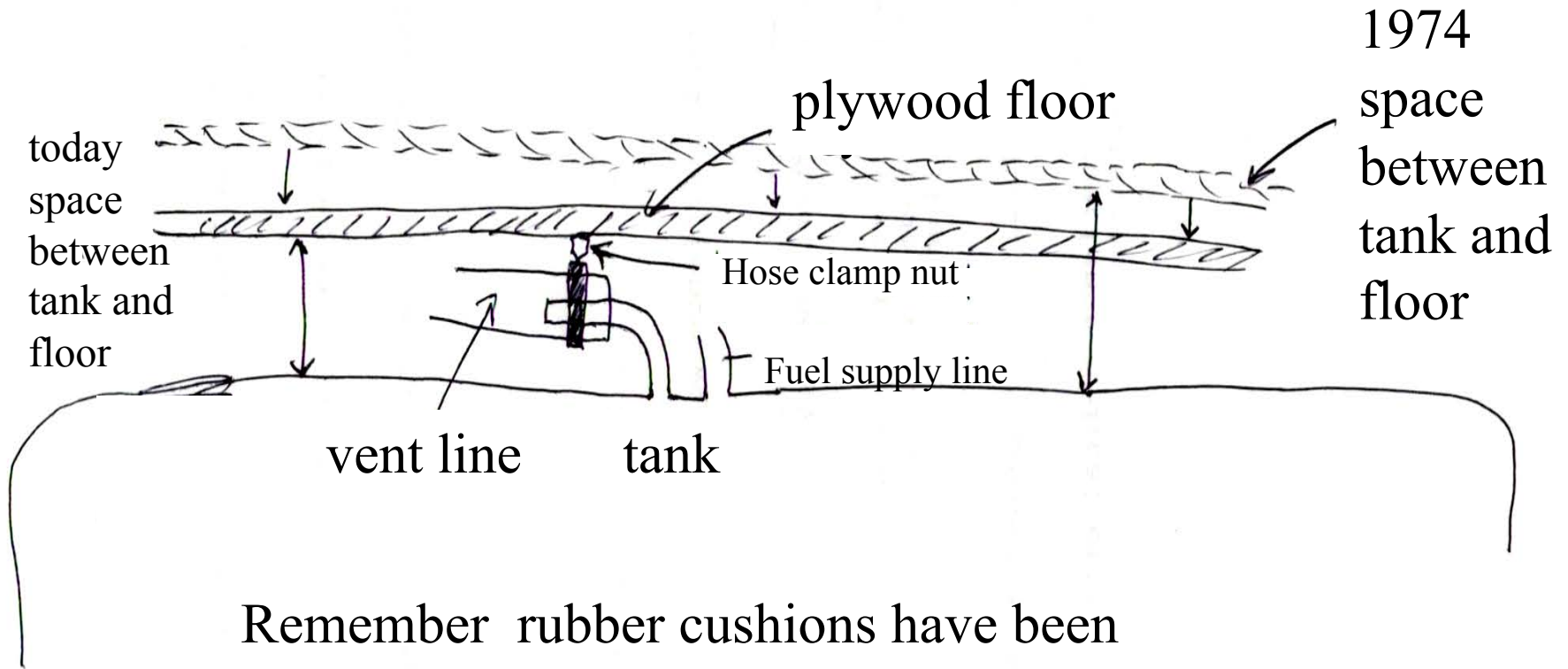
B



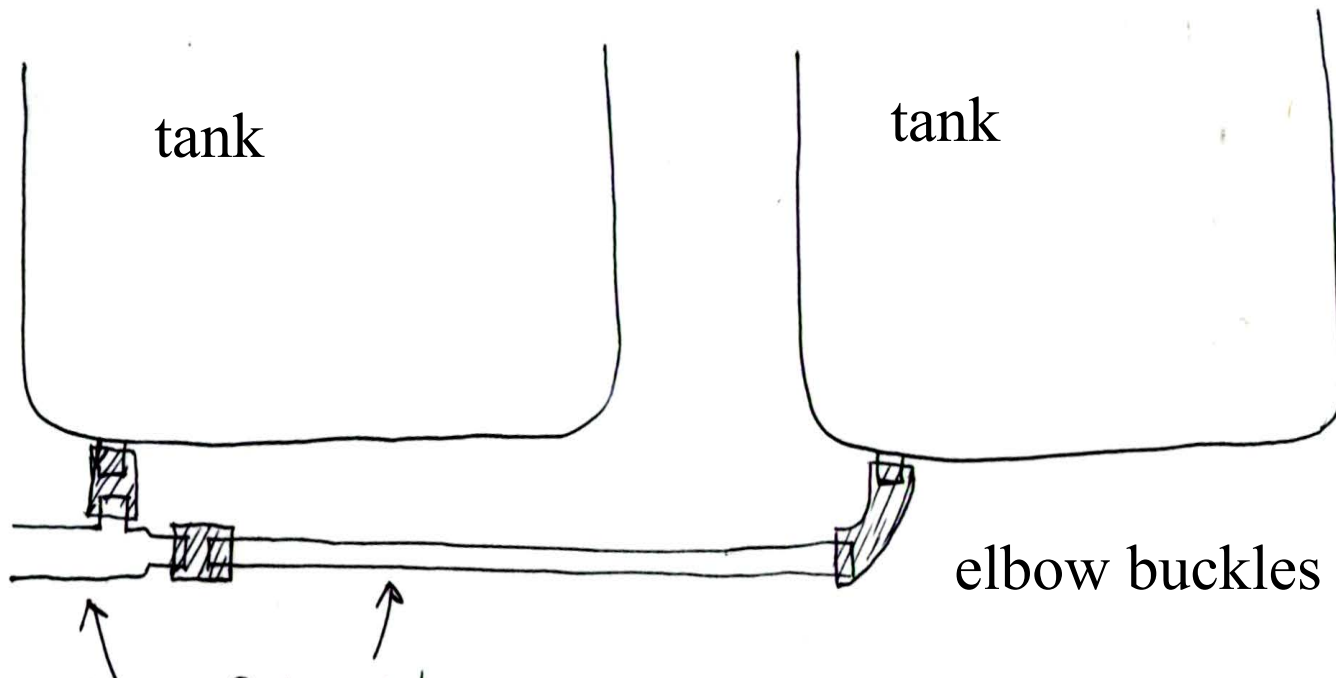
1974



2016



Remember rubber cushions have been squashed flat

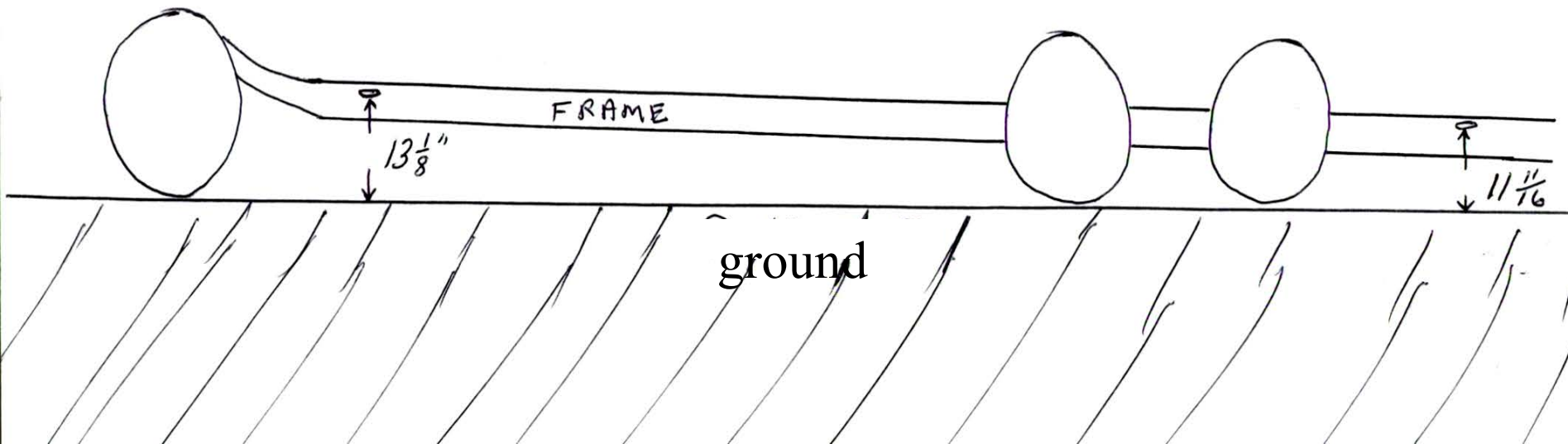


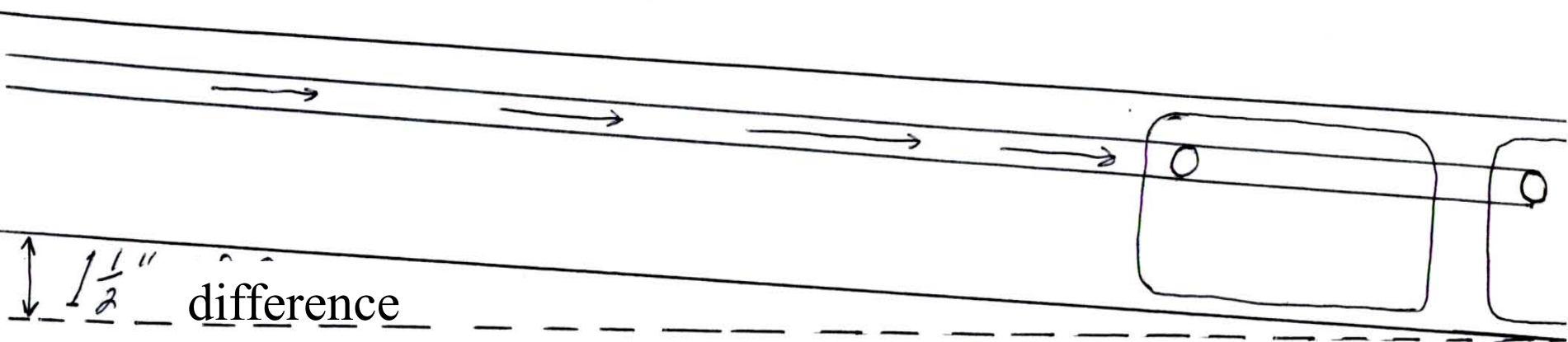
Steel filler tube

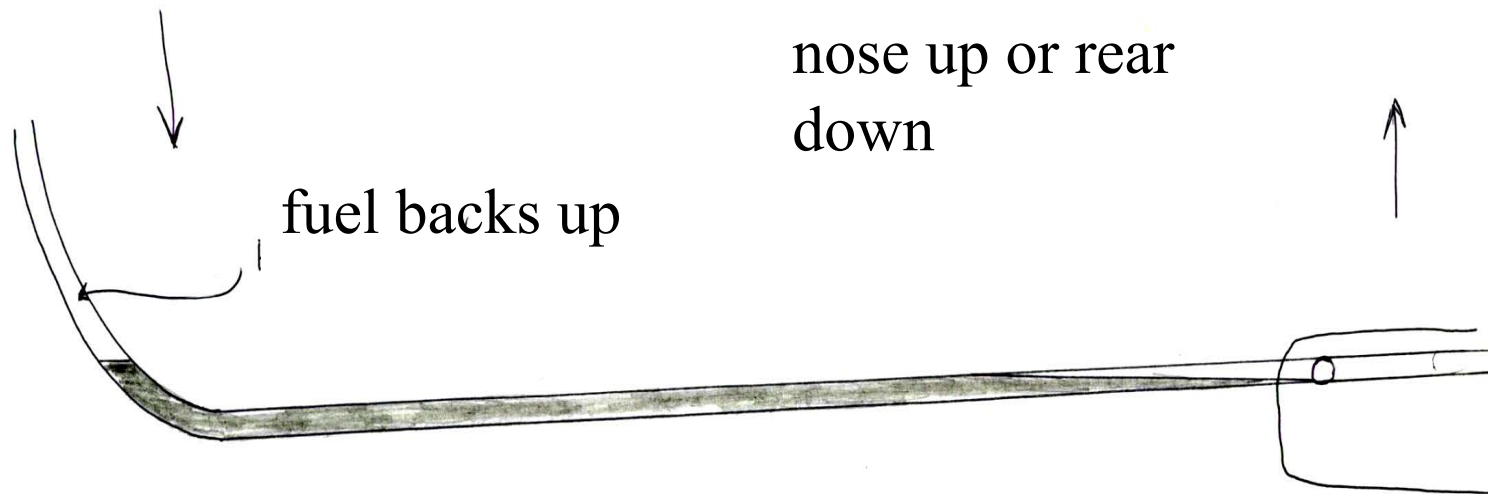
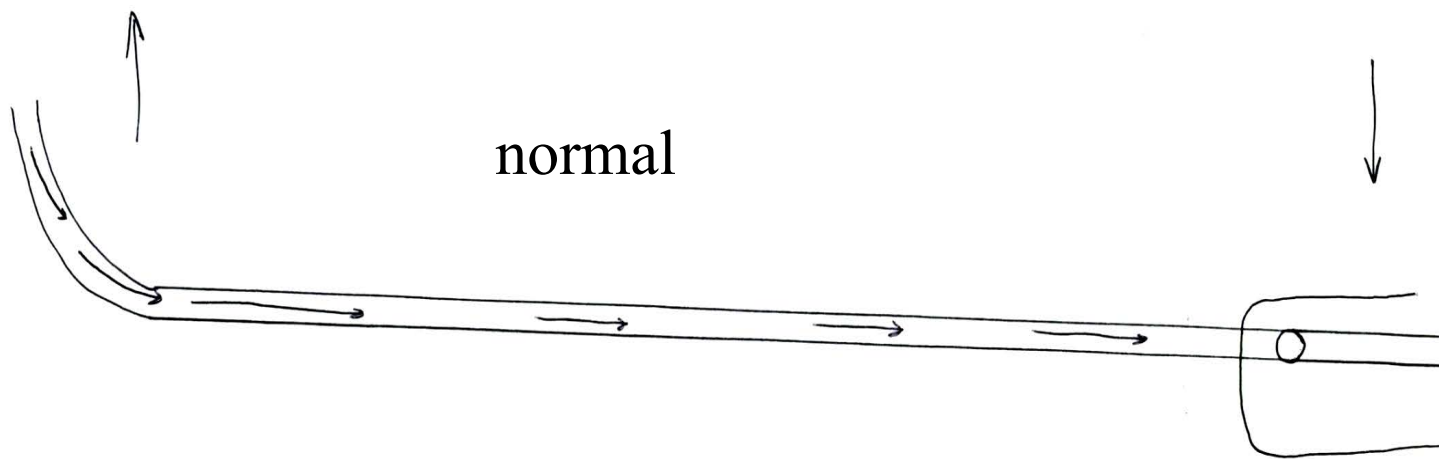
reduces in size at this junction
by $\frac{1}{4}$ "

Top view of tank

Properly Functioning and Adjusted Air Suspension System

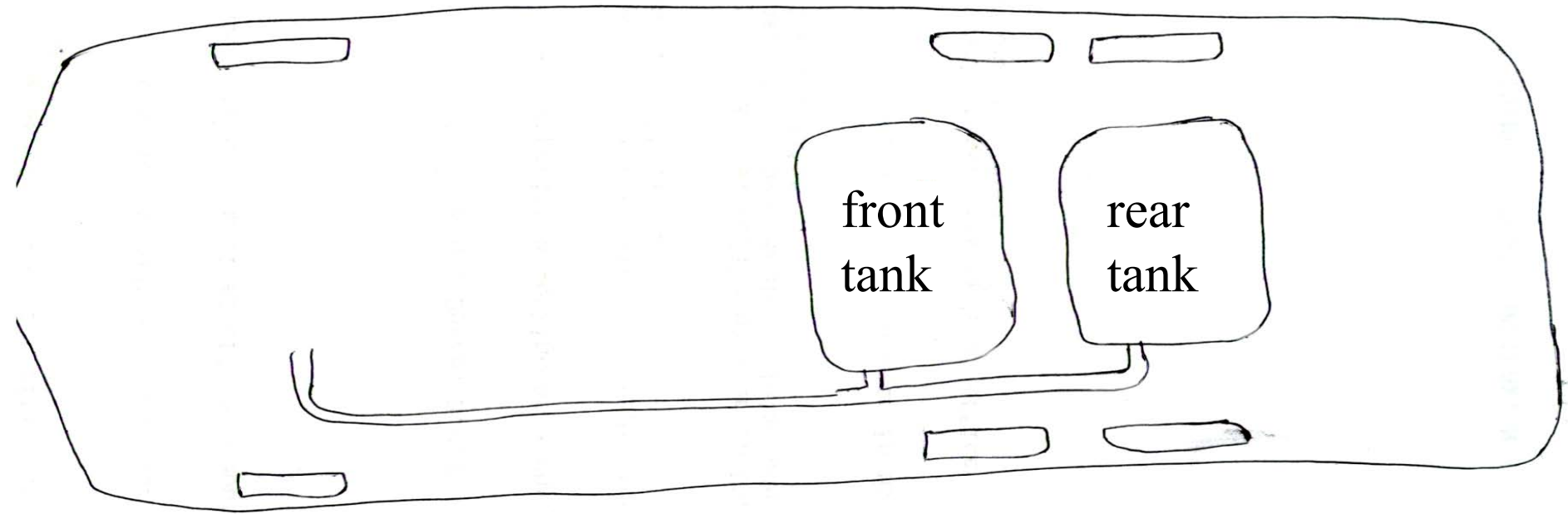




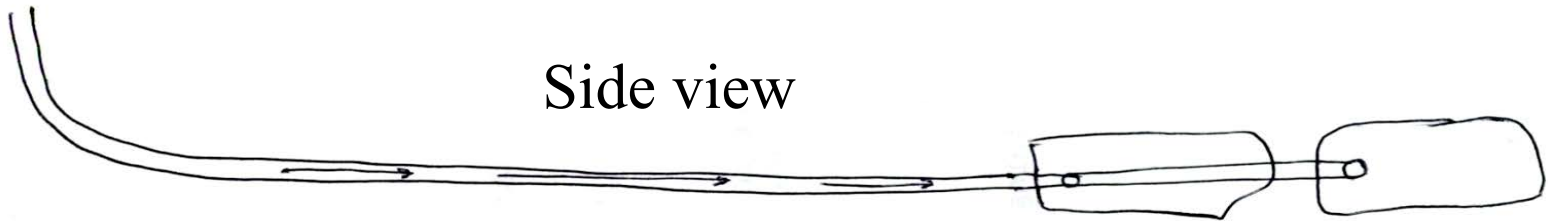


1. obstruction at rubber jct compounds problem
2. other fleets have same problem

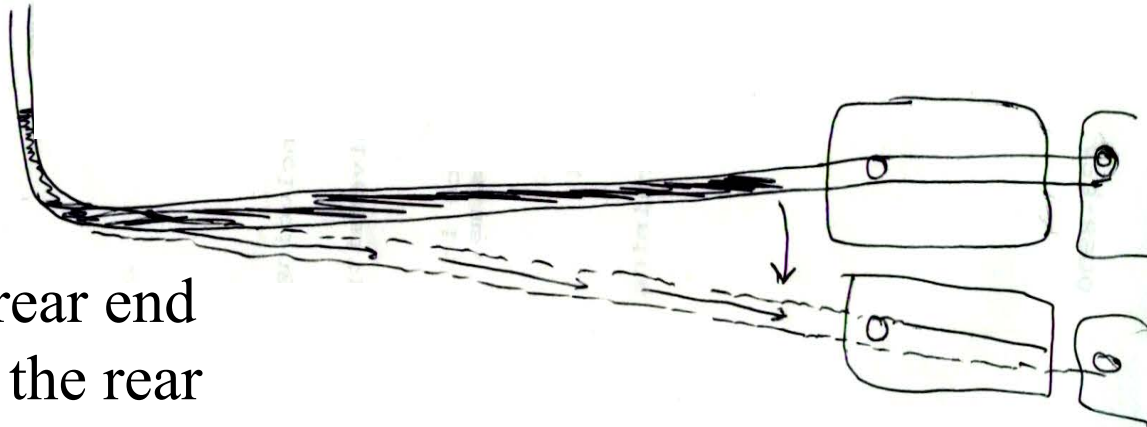
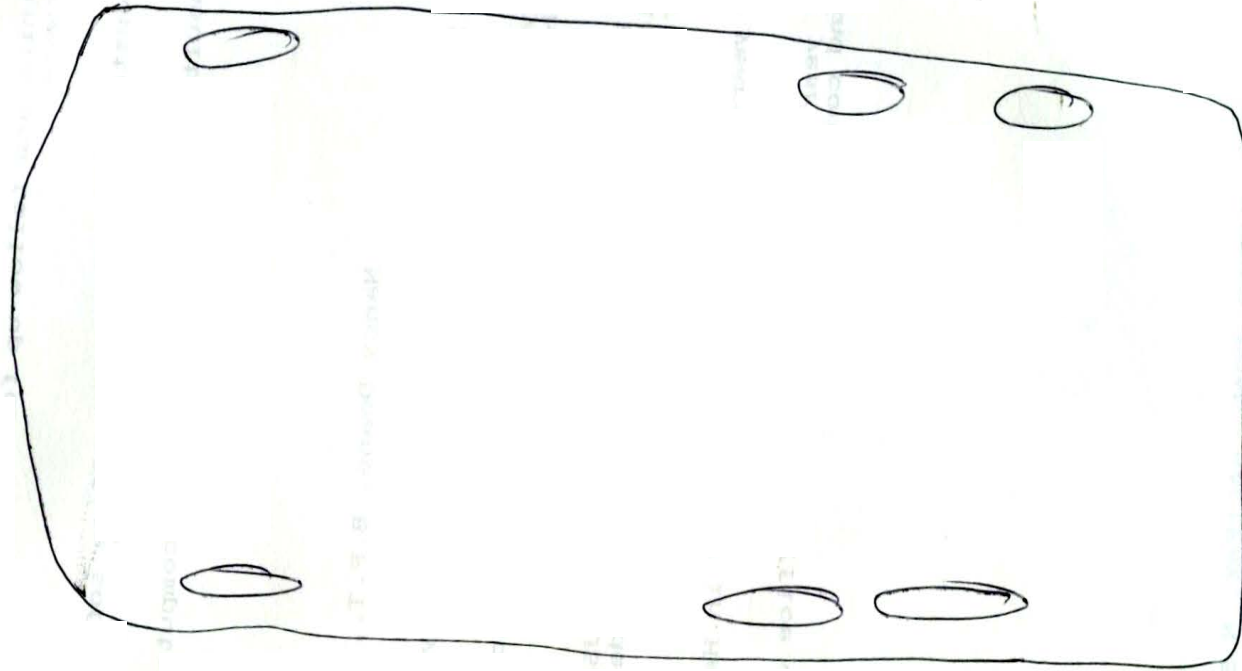
Top down view



Side view



normal

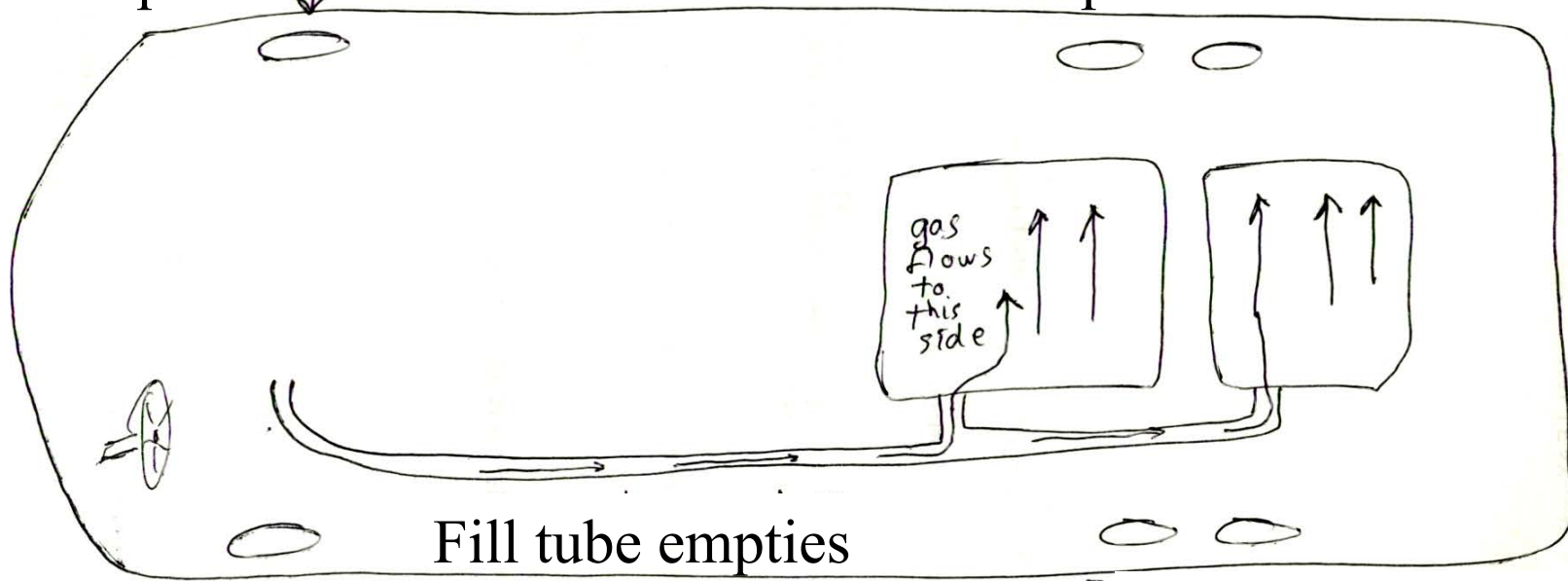


Elevated rear end
now drop the rear

right

point A
nonadjustable fixed
point

drop this airbag 4 1/2", side
goes down and whole m/h
rocks on points A and B



left

this point goes up approx
3 1/2 "

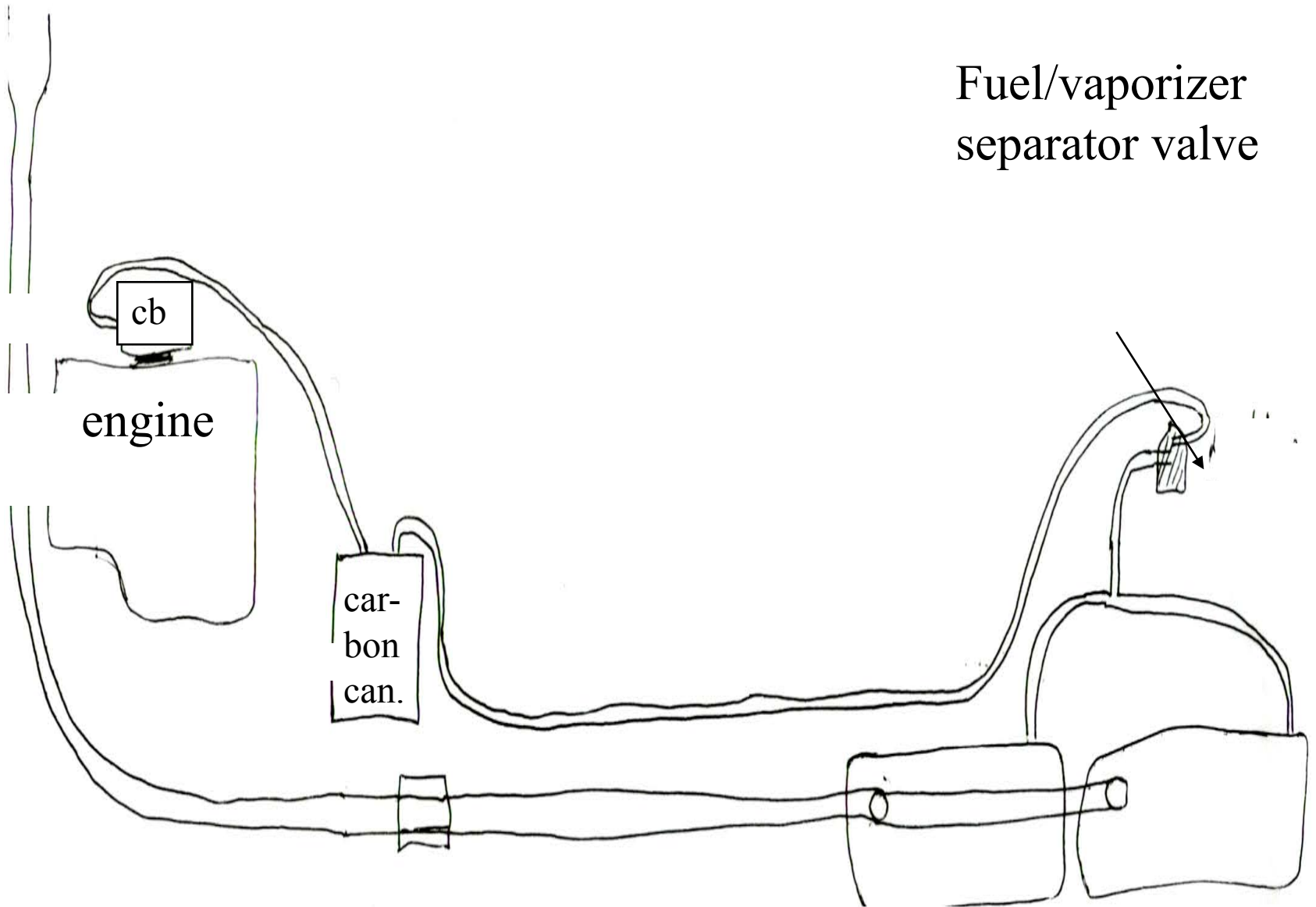
Fill tube empties

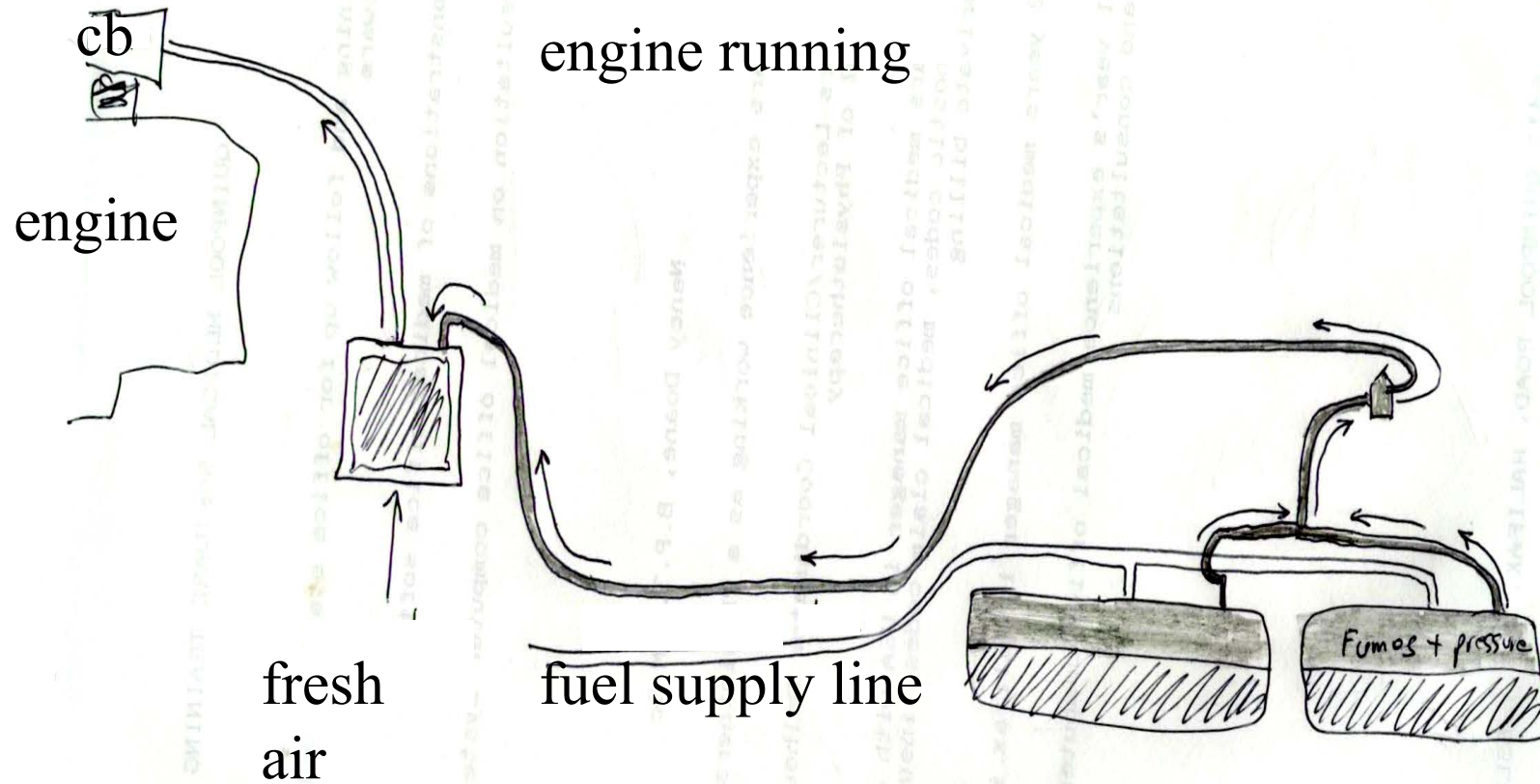
fix this airbag
side ↓

the difference created
is approx 7 to 8"

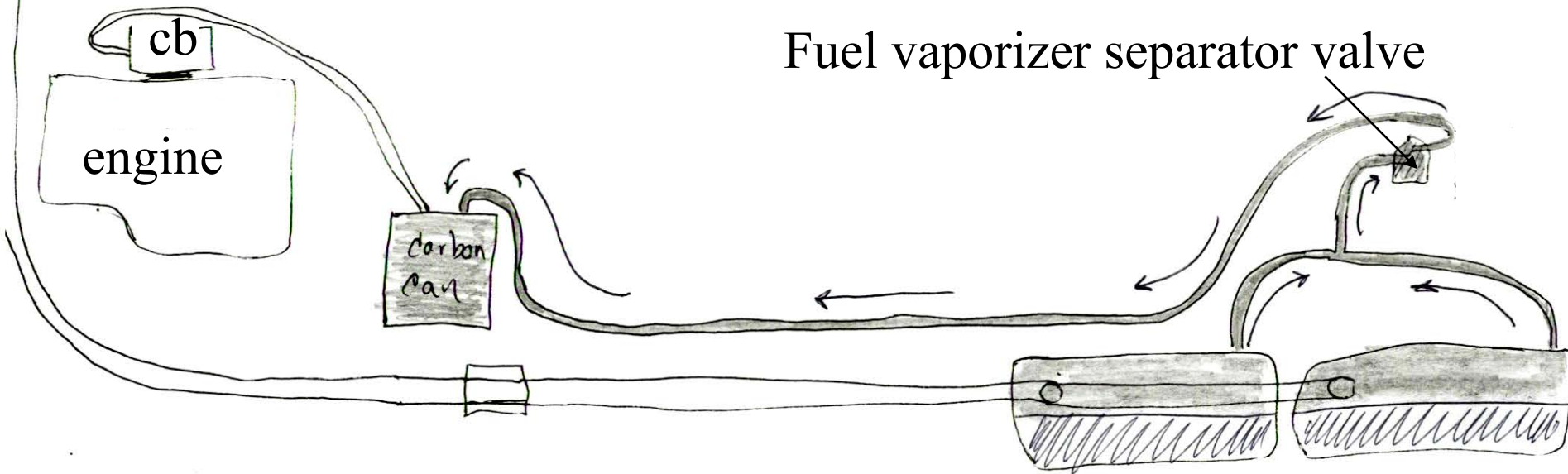
pivot point
point B

Fuel/vaporizer
separator valve



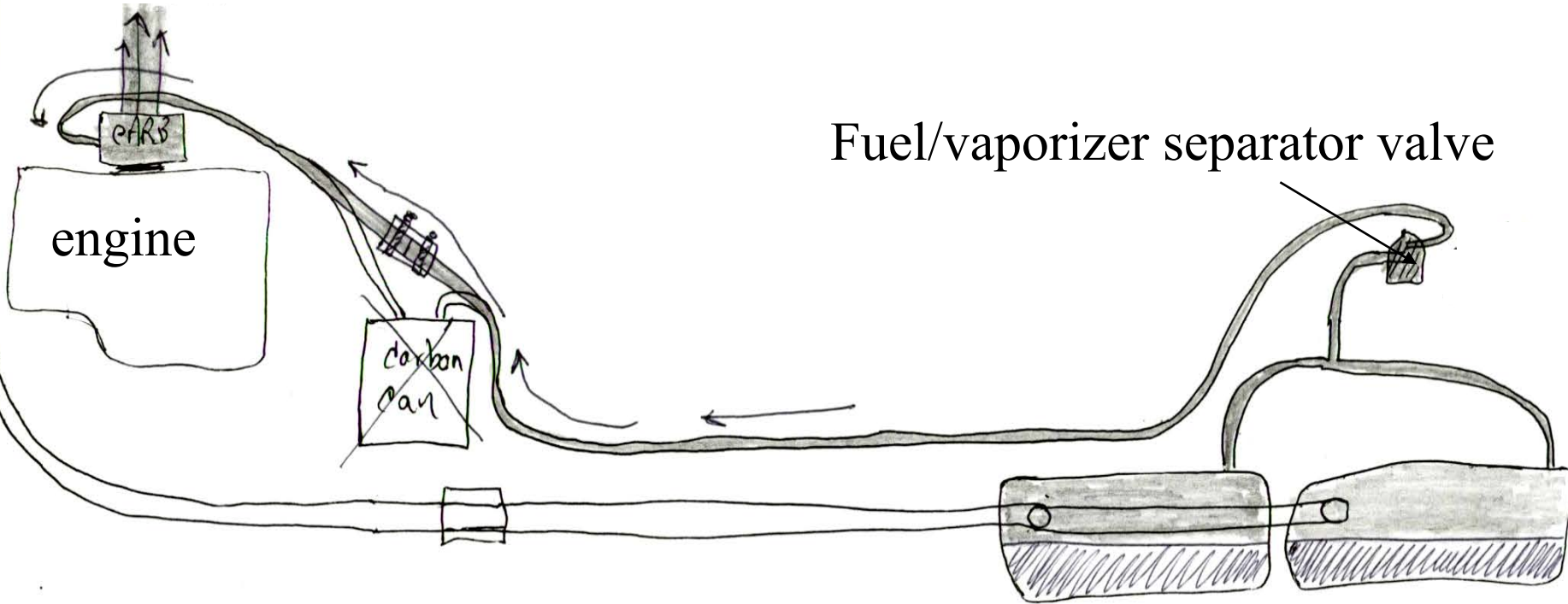


Engine just stopped

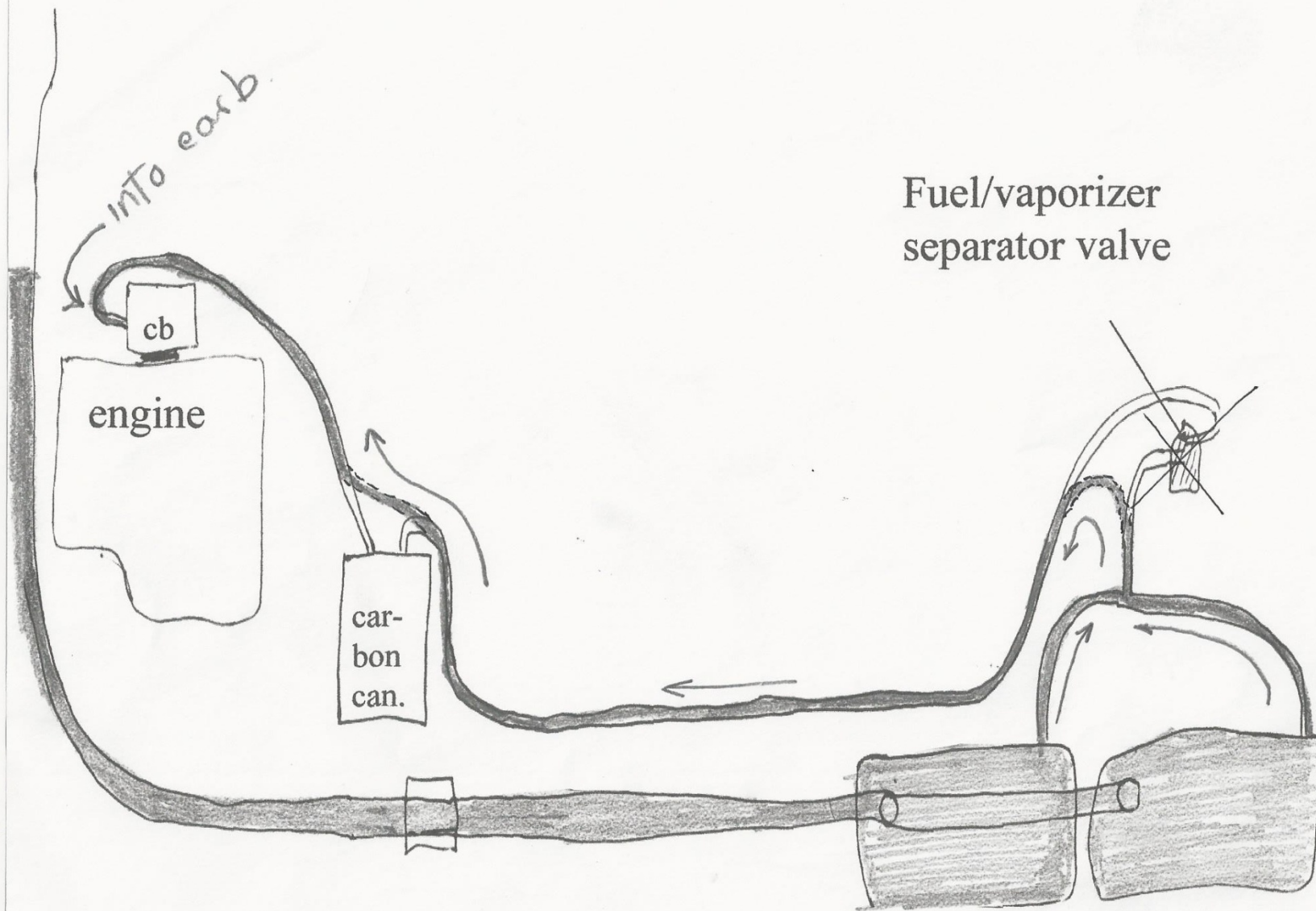


gasoline vapor adsorbed by activated charcoal

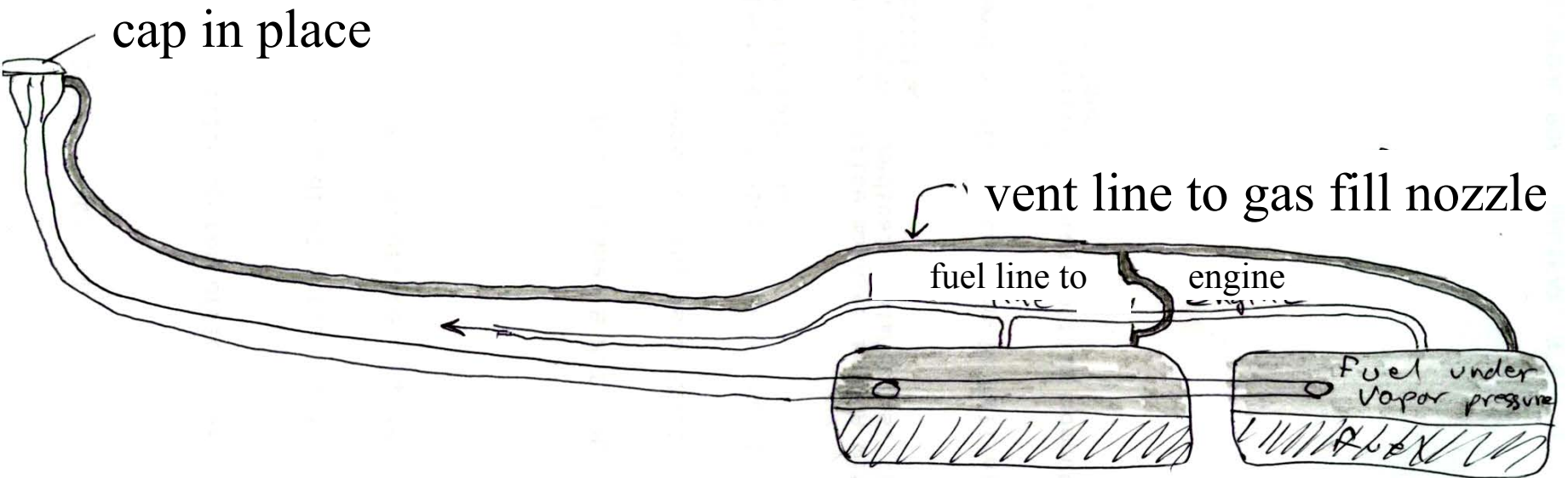
Gasoline fumes
into cockpit



Engine stopped, no carbon canister

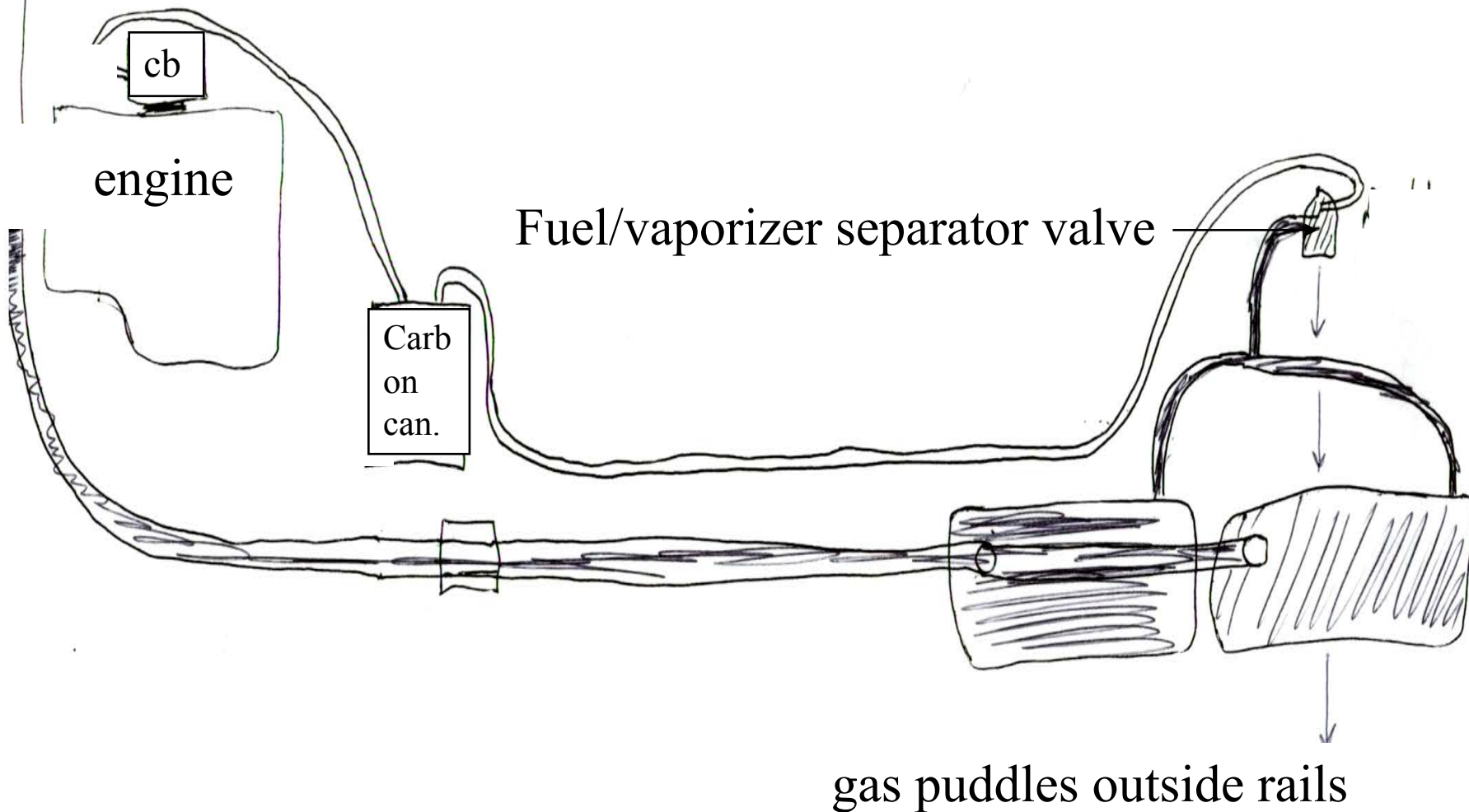


T



Carbon canister, fuel /vaporizer separator and lines all removed

Problem # 1 - broken vent line leads to leakage outside rails



Problem # 2 - separator valve failure

Problem # 3 - separator valve removed
leads to same result

