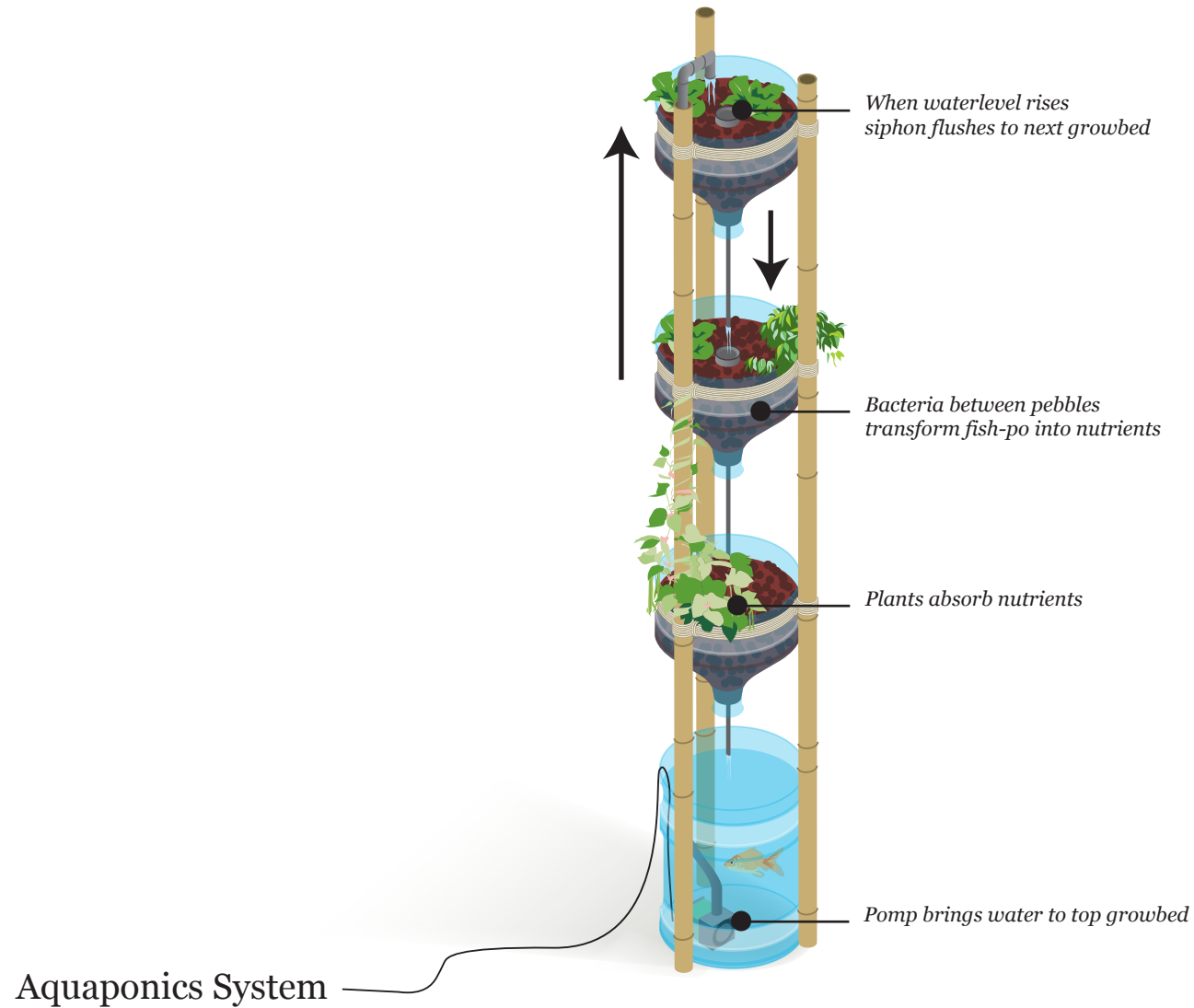
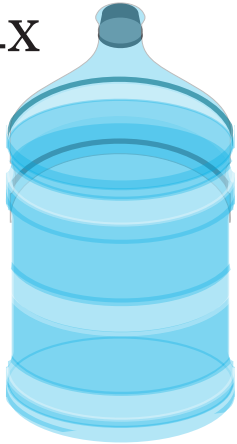


Aquaponics Workshop

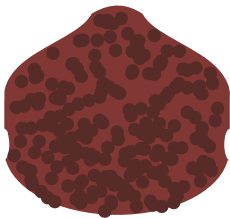


Materials

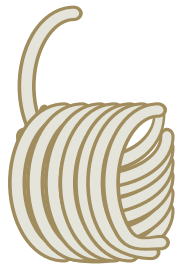
4X



Big Water bottle 20 liter



Clay Pebbles 37 Liter



Ball of string

3X



Bamboo
170 cm

PVC Pipe
250cm



Ø 10mm

PVC Pipe
60cm



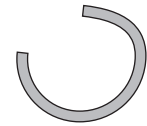
Ø 20mm

PVC Pipe
70cm



Ø 32mm

Flexible hose
20cm



Ø 10mm

End cap
3x



Ø 20

Rubber cork
3x



41 x 49
hole #13

90° elbow
3x

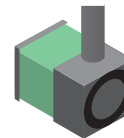


Ø 10

90° elbow
1x



Ø 20



Pump 1x



Ø 10-20



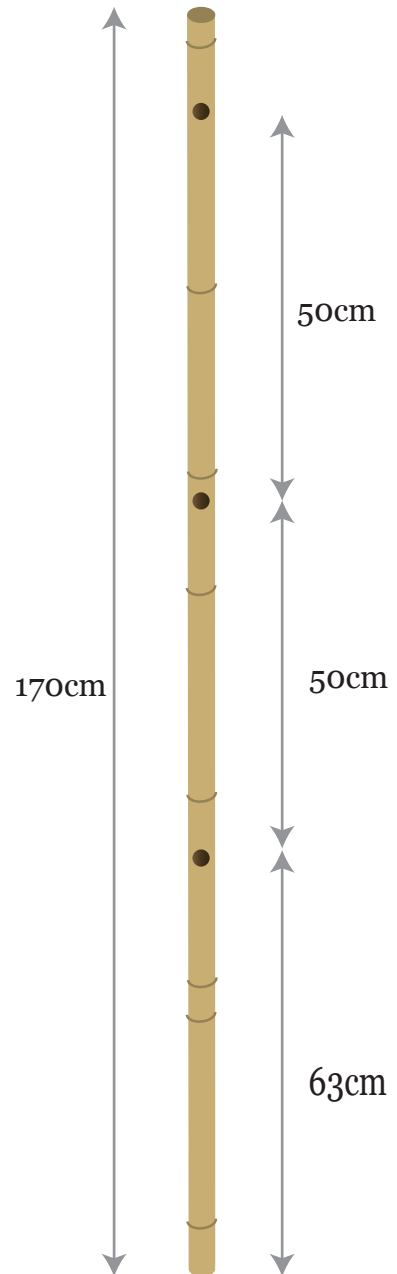
Ø 10-16

Pump connector

Step 1

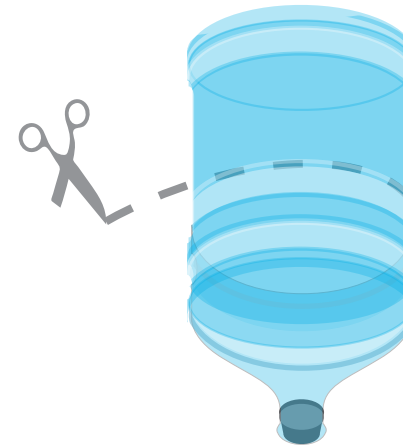
Cut Bamboo and
drill three holes

3X



3X

Growbed

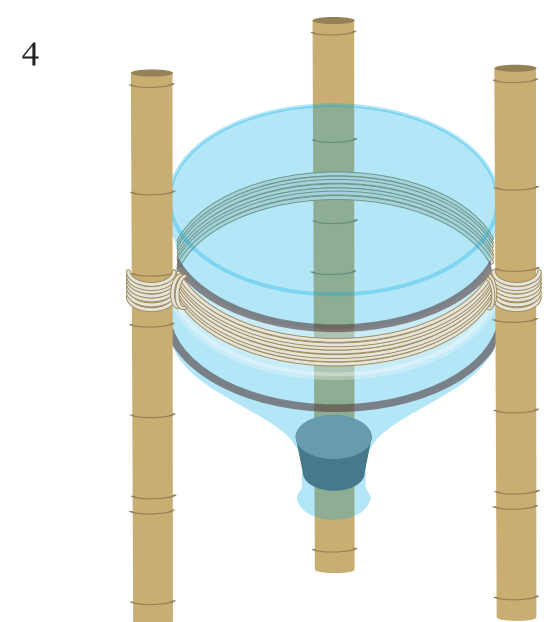
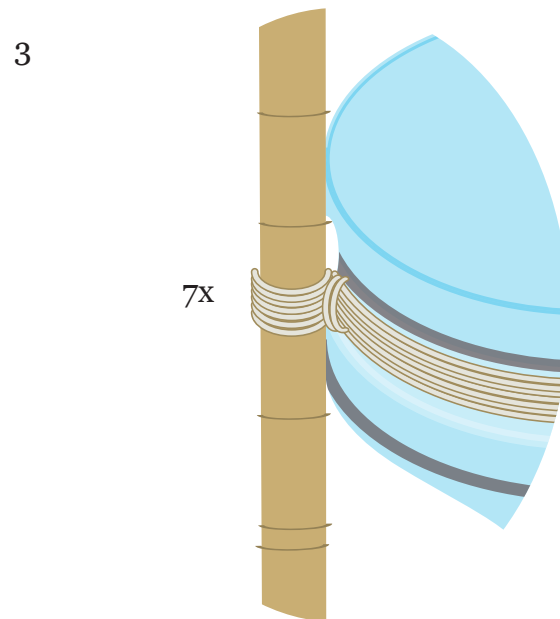
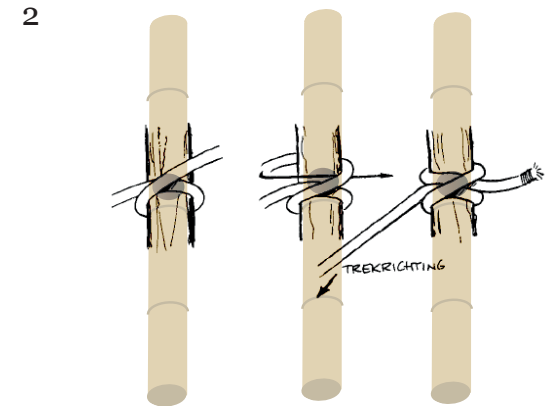
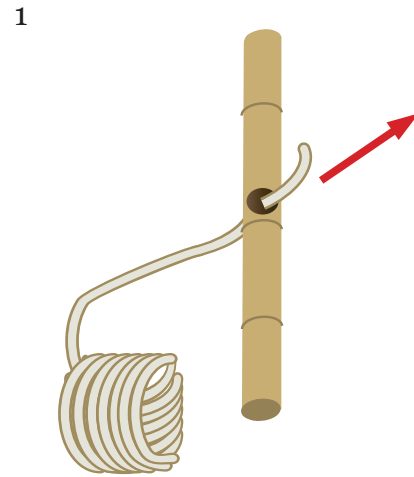
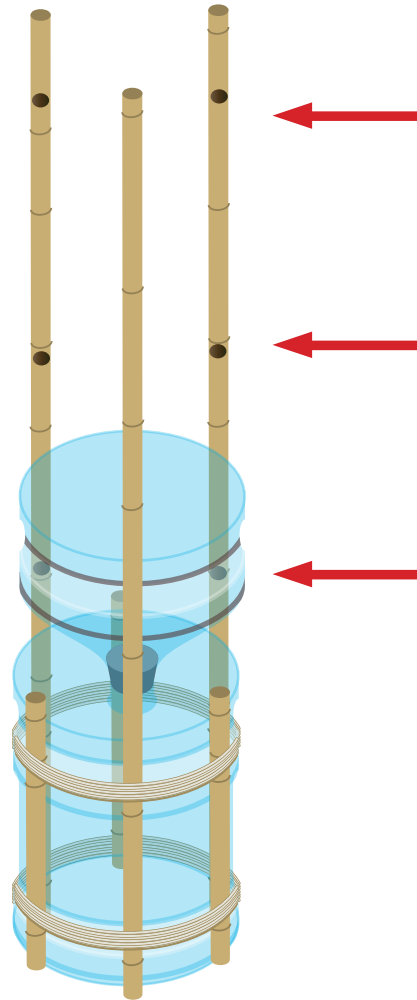


1X

Fishtank



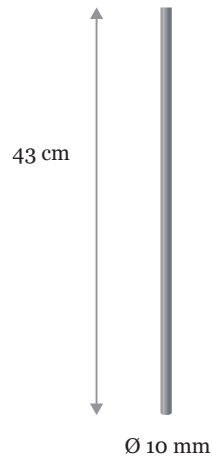
Step 2



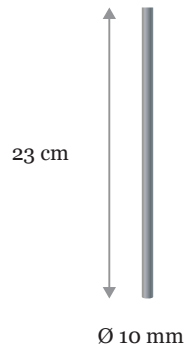
Step 3

Pipes for
trough the cork

2X

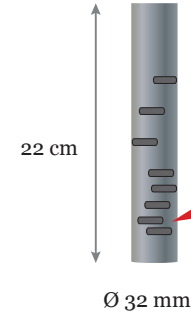


1X

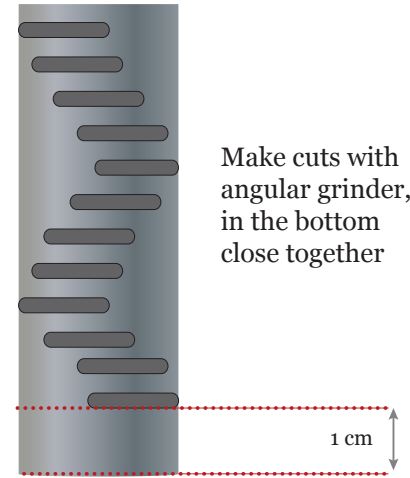


Pebble Blocker

3X

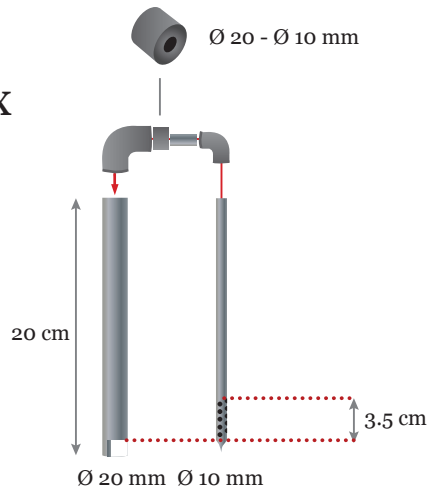


Make cuts with
angular grinder,
in the bottom
close together

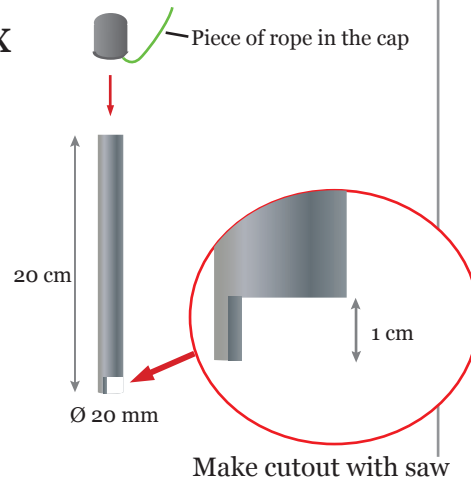


Bell

1X



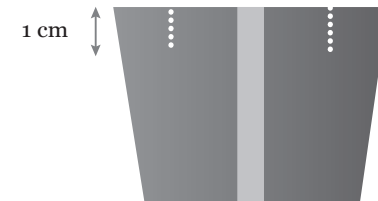
2X



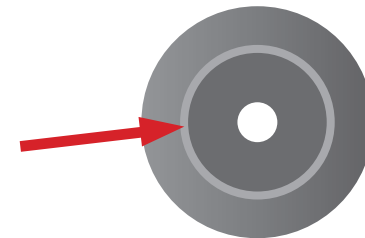
Rubber cork

3X

41 x 49 mm
Ø 9 mm hole

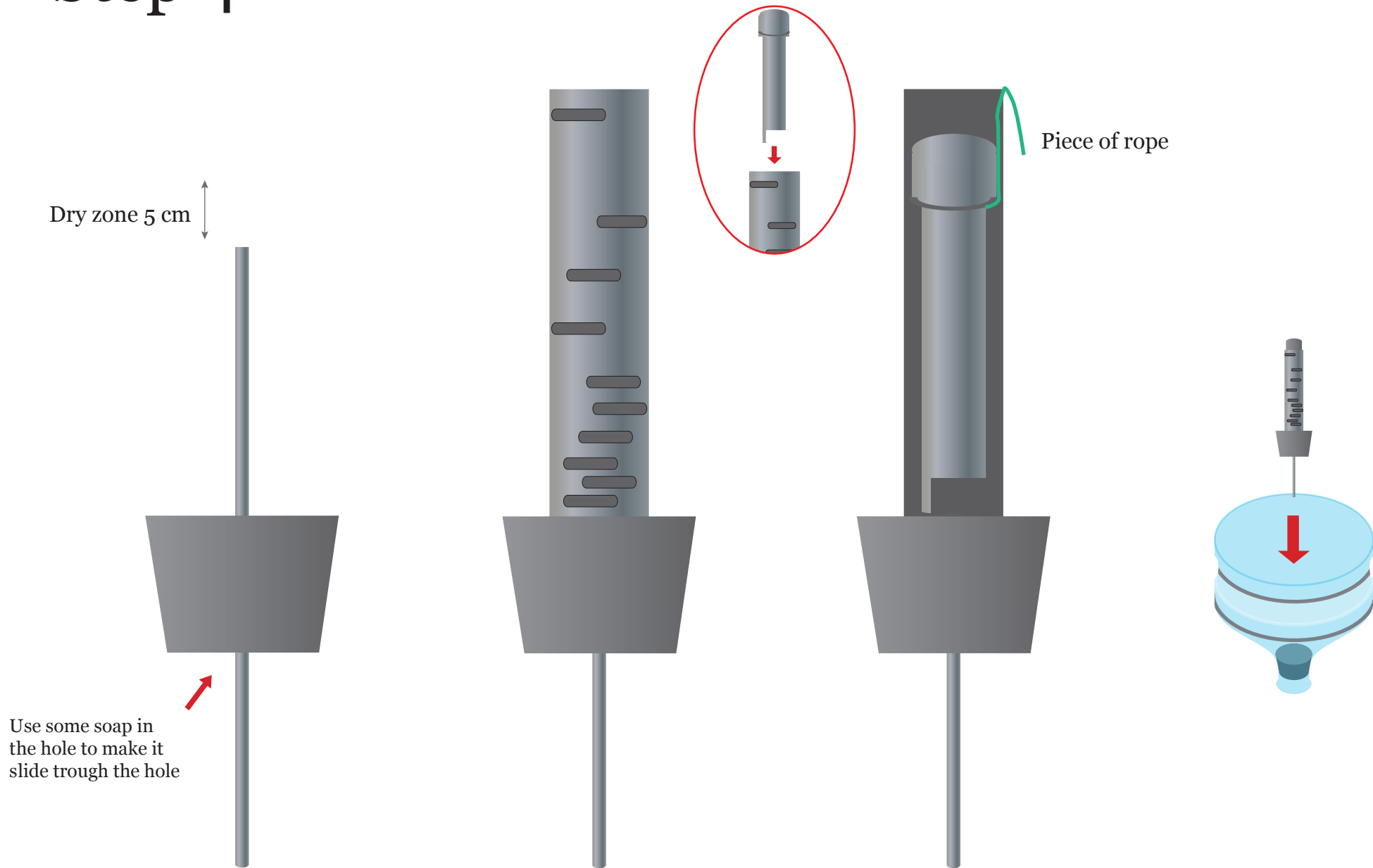


Make a cut with
circular drill
Ø 32 mm



Keep the cut free
from soap !!!

Step 4



Step 5



Plug and
Play

Exploded view

