



TG1B2 FAMILY-SIZED BIOGAS SYSTEM

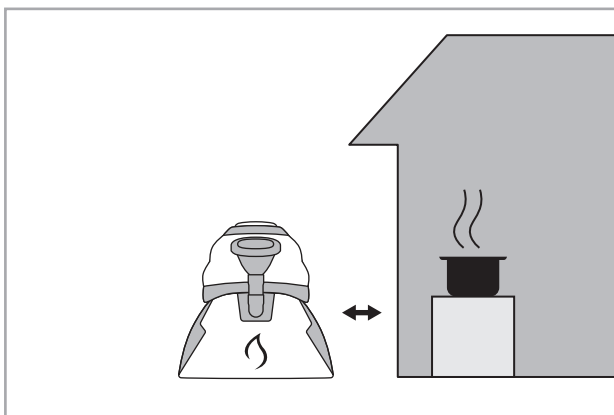
ASSEMBLY MANUAL

SITE SELECTION & PREPARATION

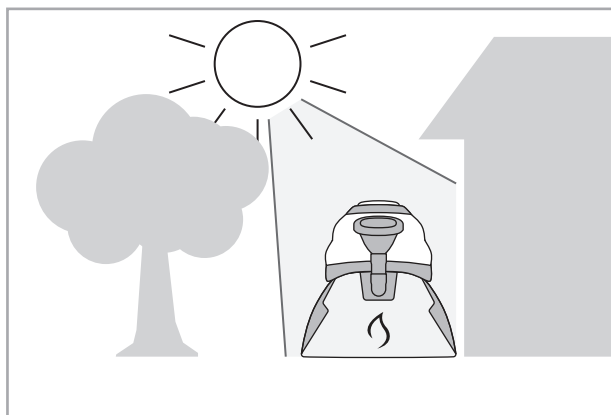
It is important to choose and prepare the right spot for your HomeBiogas system before installation to ensure optimum performance and avoid potential damage to the system.

The system weighs more than 1200kg when filled and cannot be moved after installation.

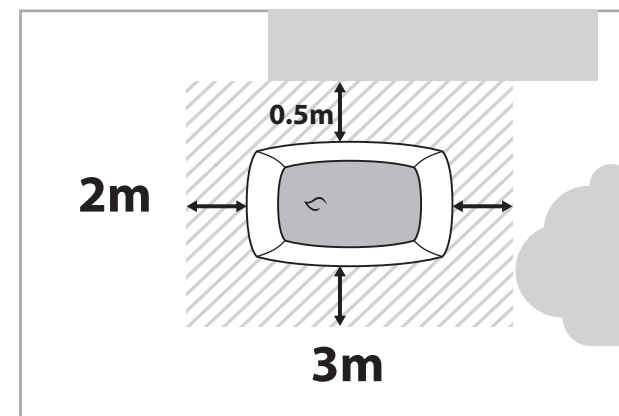
CHOOSING A LOCATION



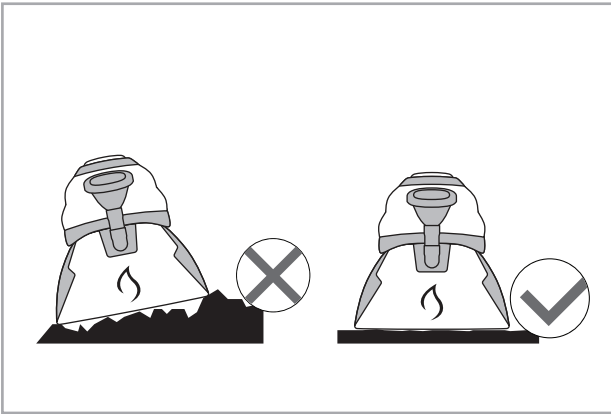
system should be installed close to kitchen/cooking area



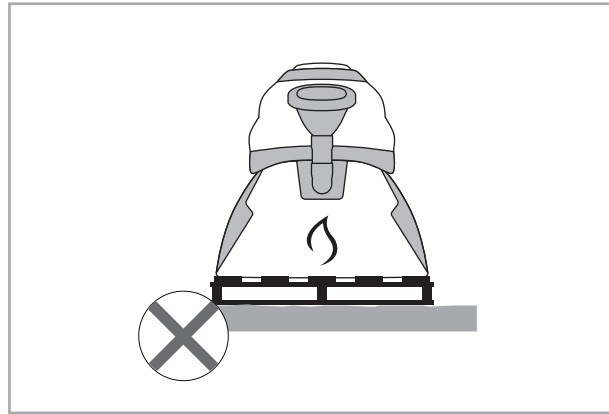
system should be in a sunny area for optimum gas production



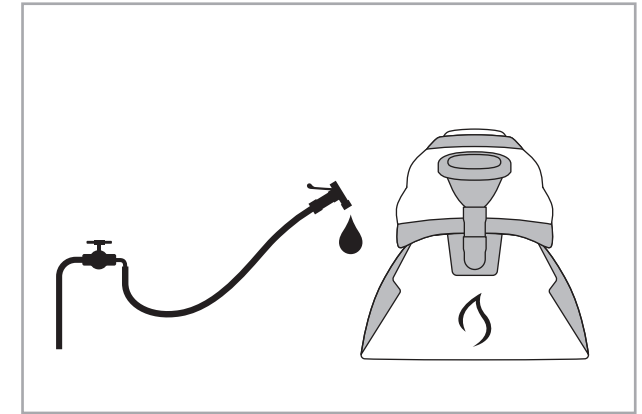
leave 0.5m space around system for care and maintenance (total 2m by 3m required)



prepare a firm, level surface clear of obstructions. do not place on soft ground.
e.g. flat dry ground, tile, concrete

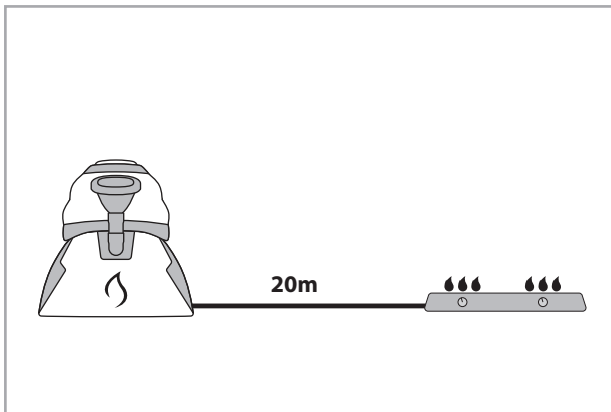


do not place system on shipping pallets or other weak raised surfaces

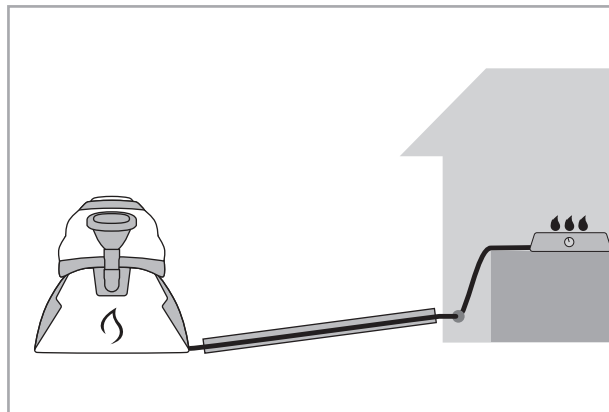


place system within reach of a water supply.

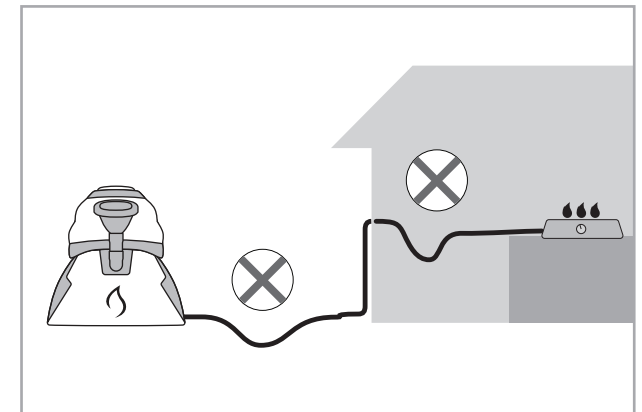
PREPARATION FOR GAS PIPE INSTALLATION



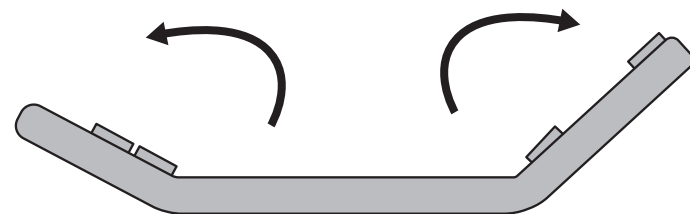
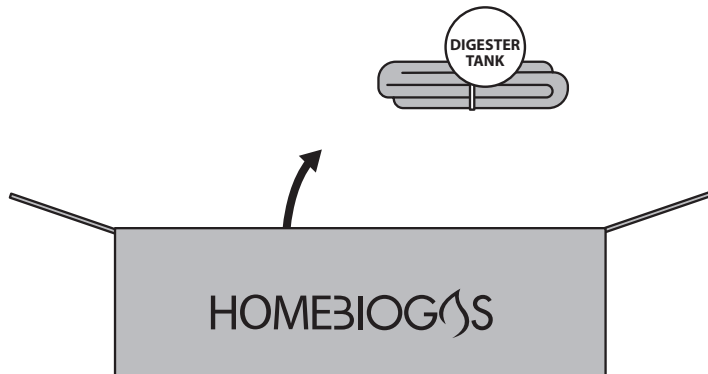
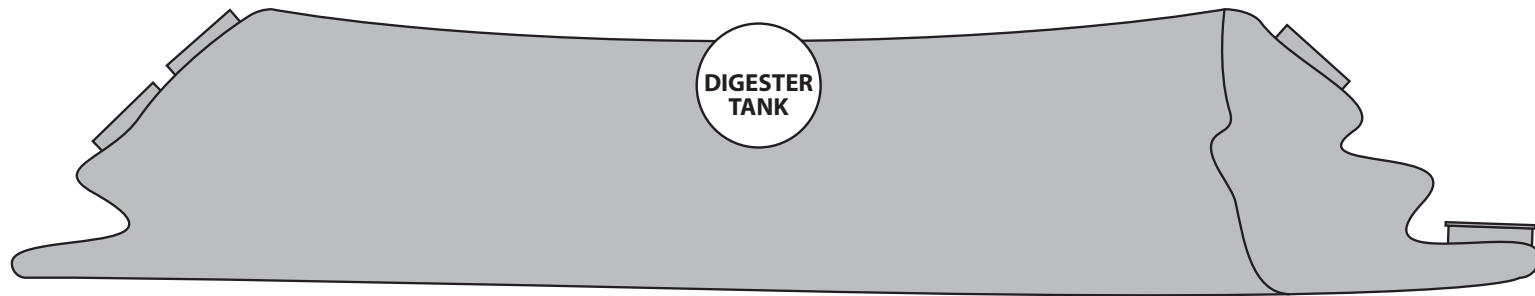
system can be connected to stove/appliance up to 20m away (10m gas tubing provided)

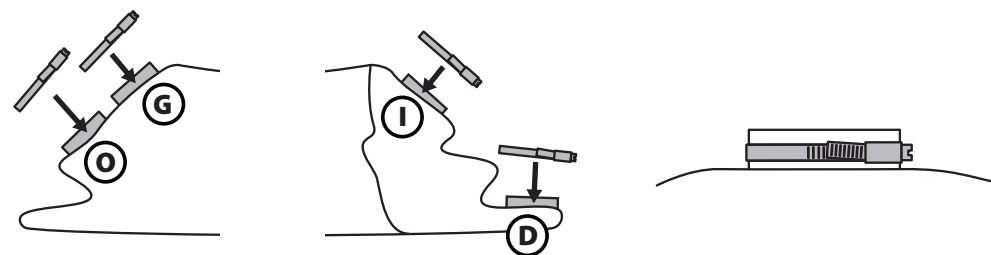
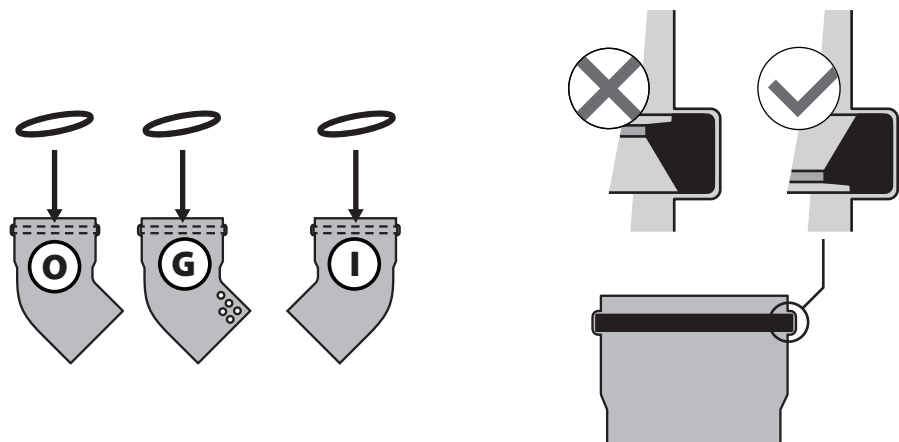
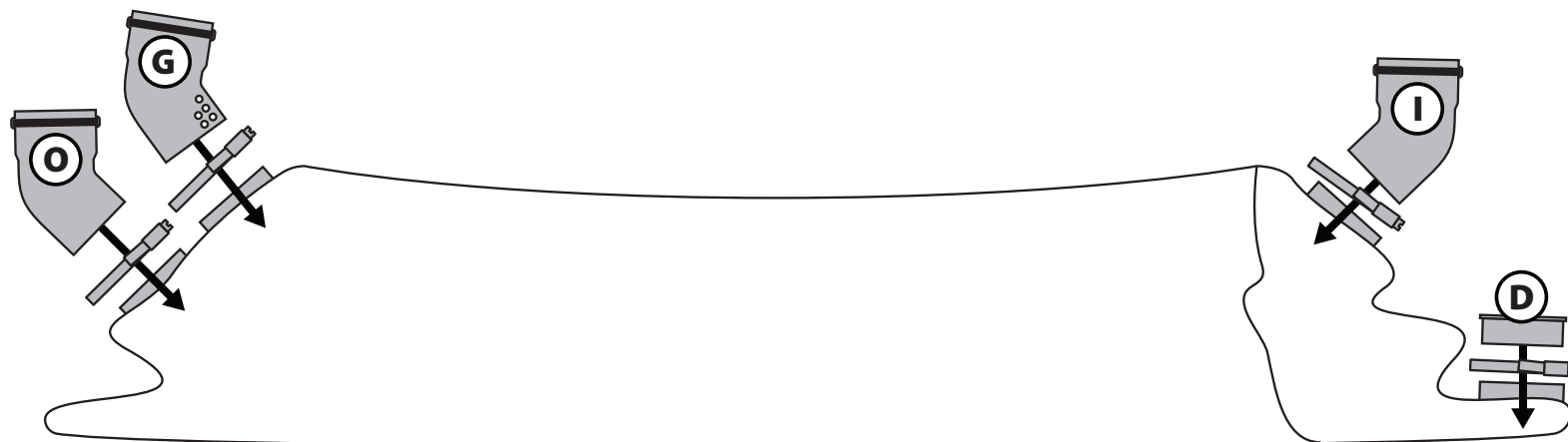


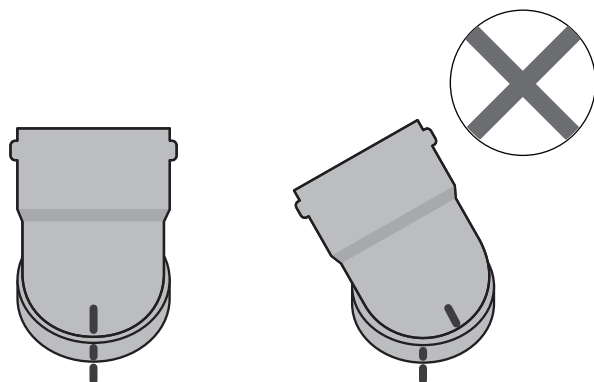
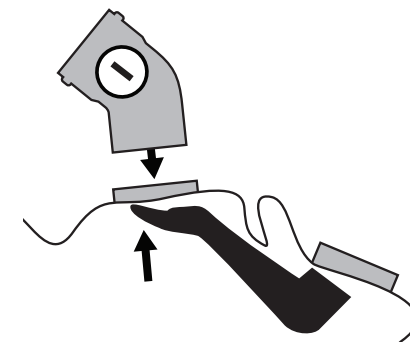
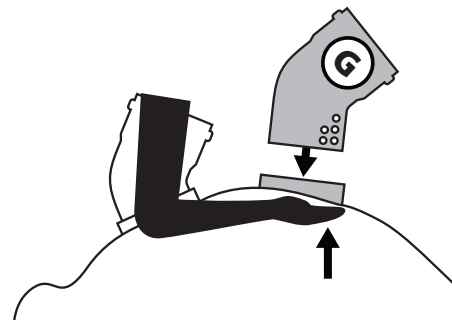
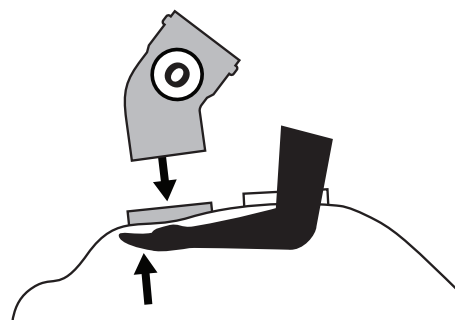
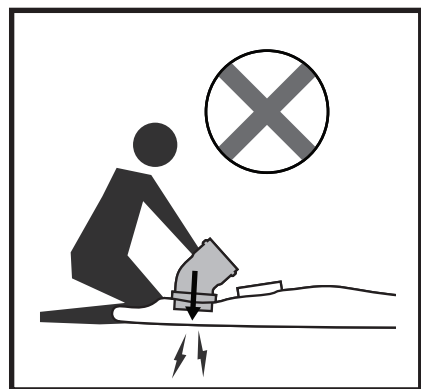
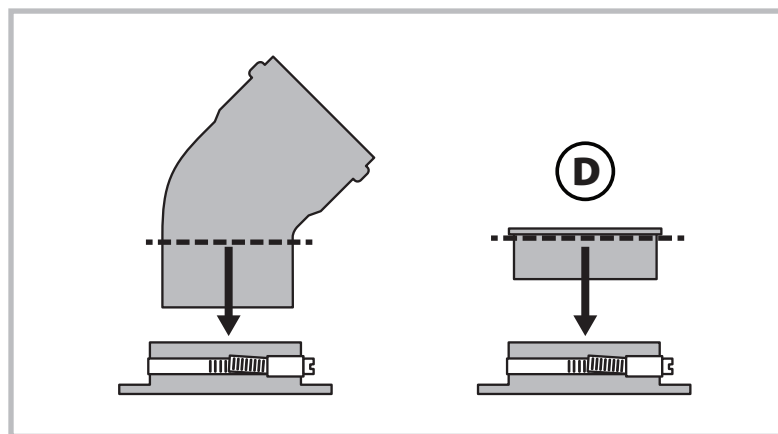
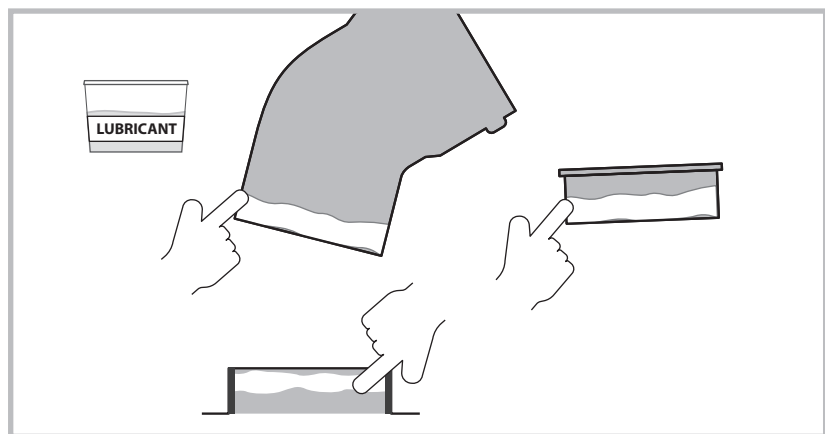
gas tubing should be raised at an angle from system to stove.

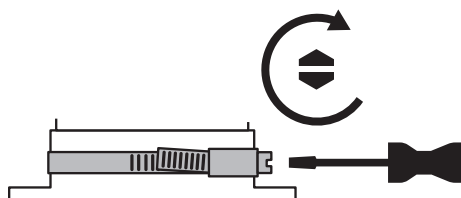
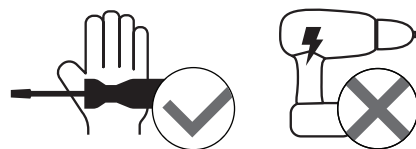
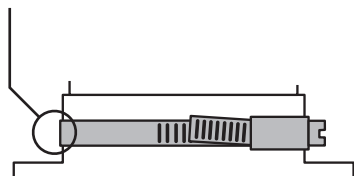
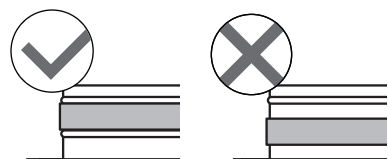
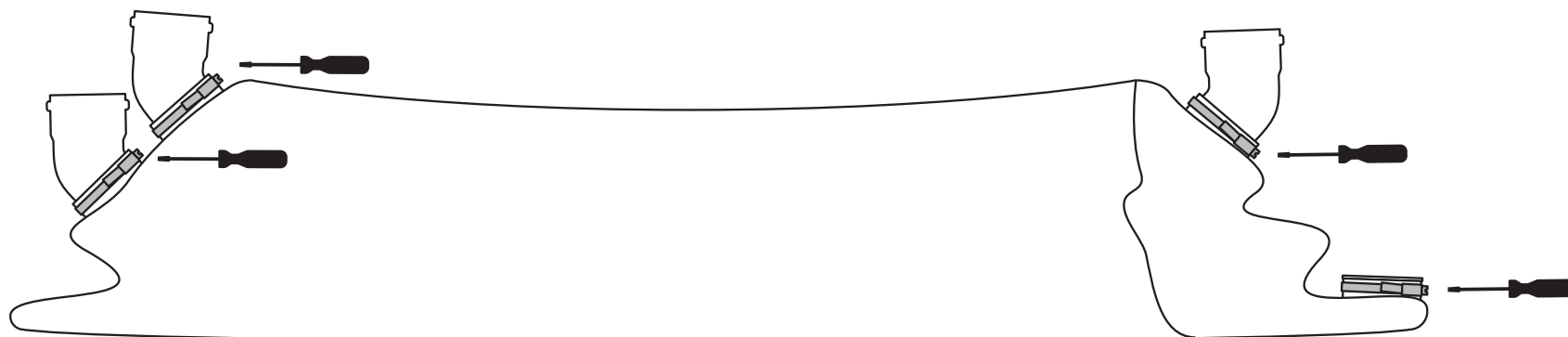


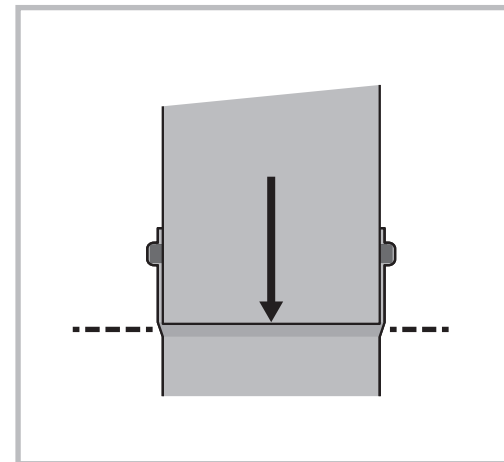
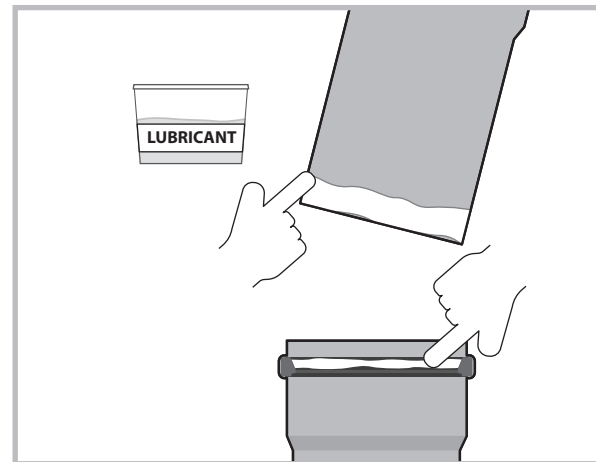
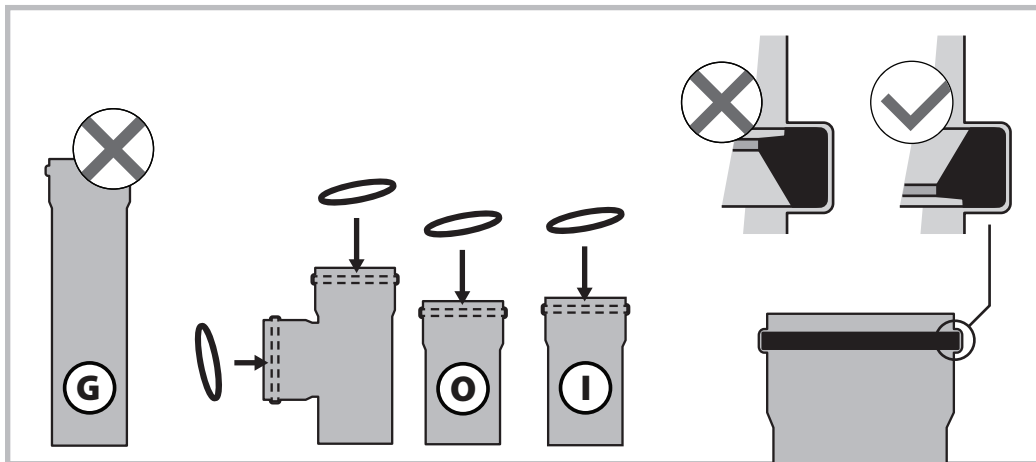
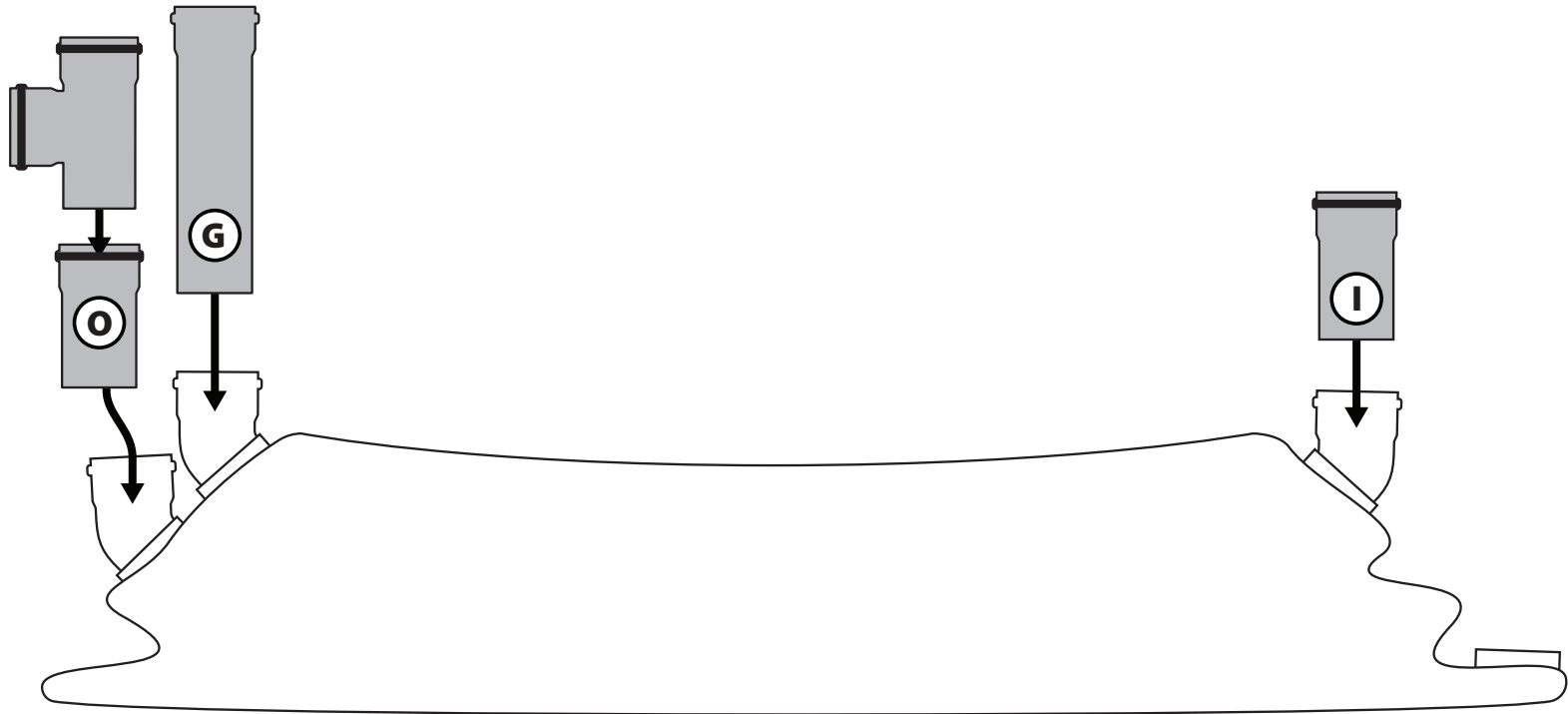
there should be no U-shaped bends in the gas tube to prevent water vapor accumulation







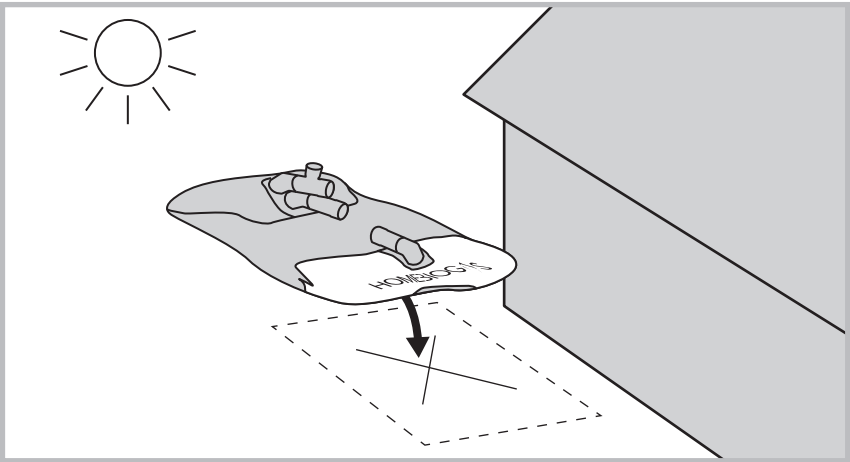
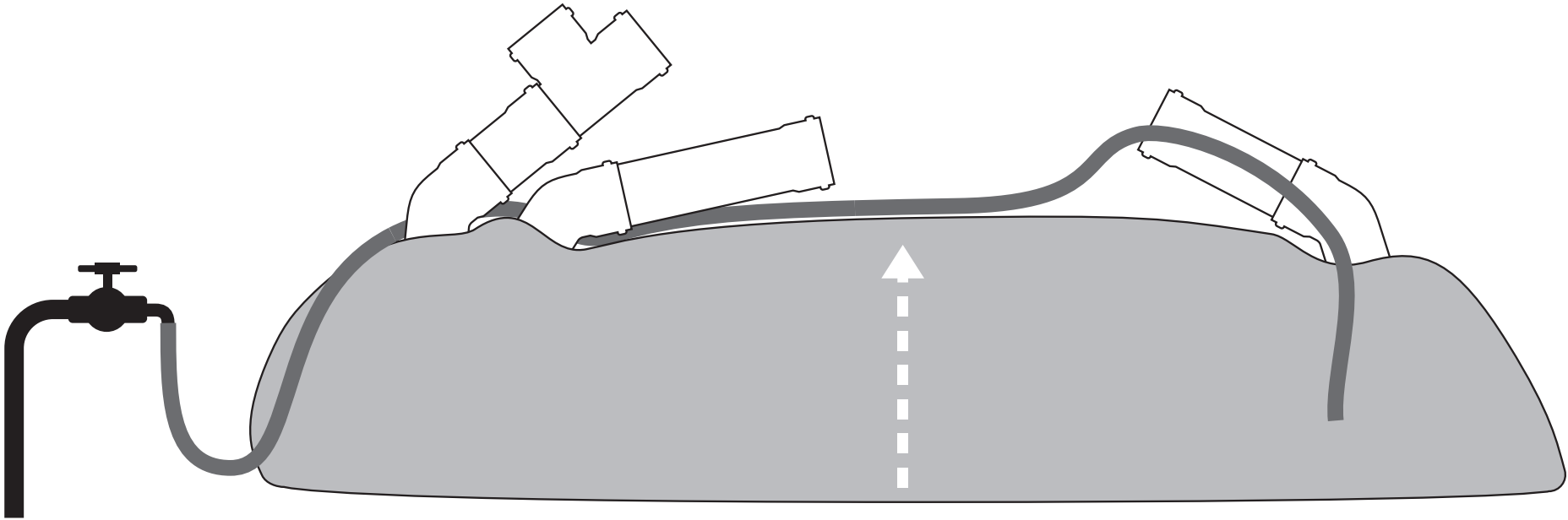
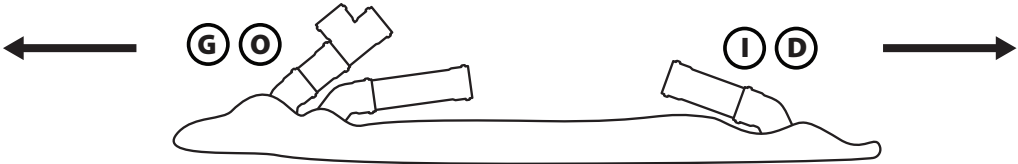




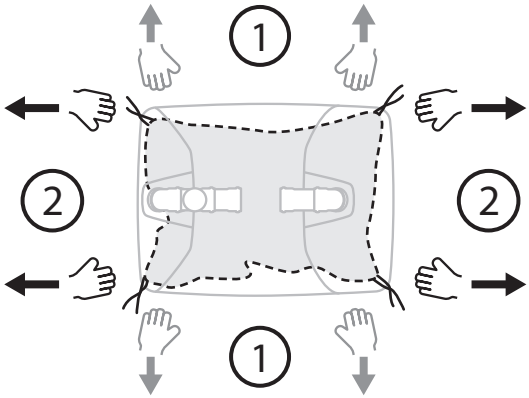
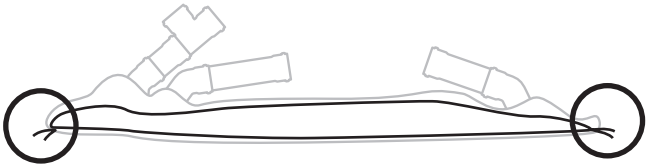


back
(gas, fertilizer out)

front
(input sink, waste in)

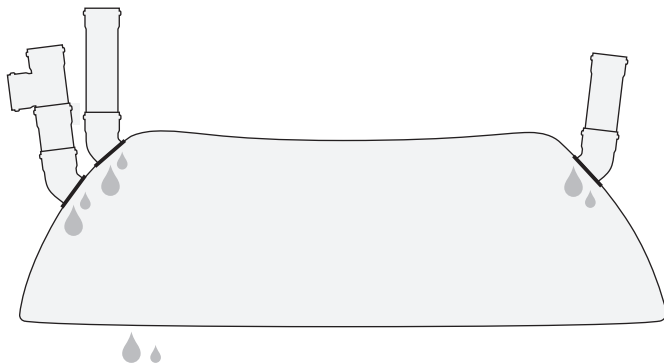
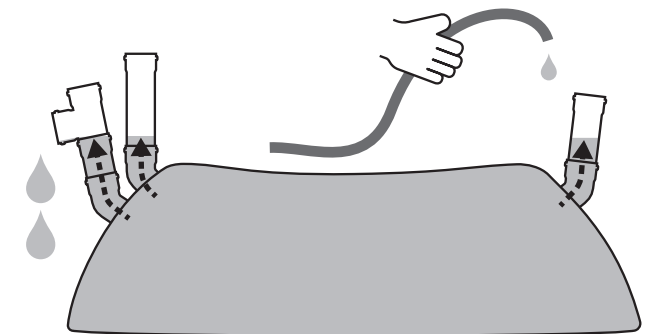
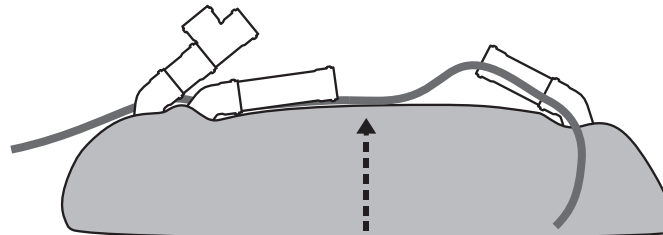
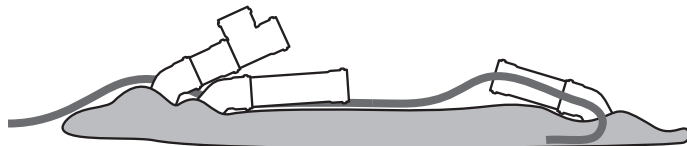
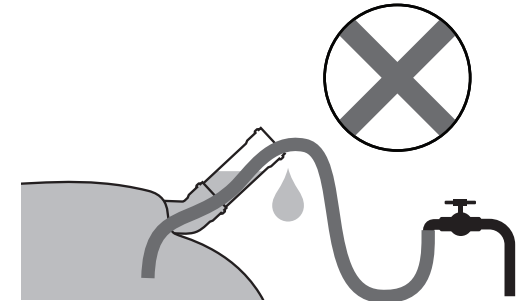
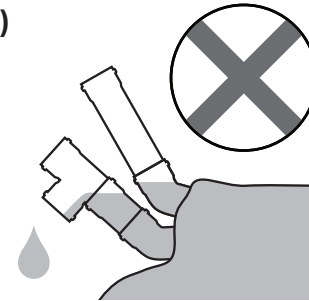
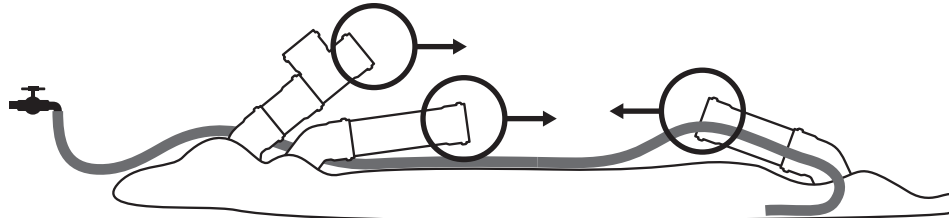


with another person's help, pull strings
to stretch out digester inner lining

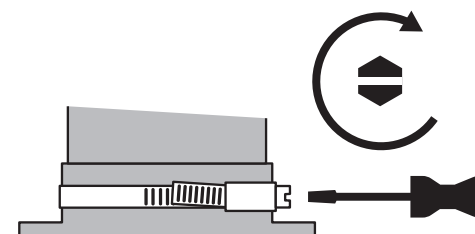


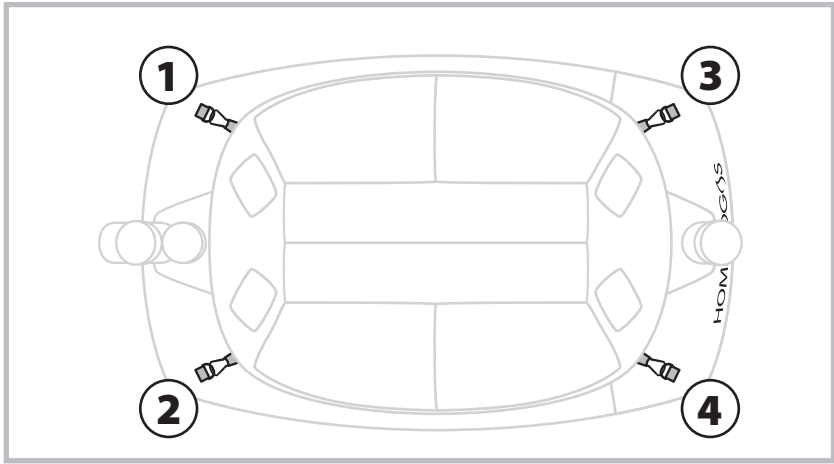
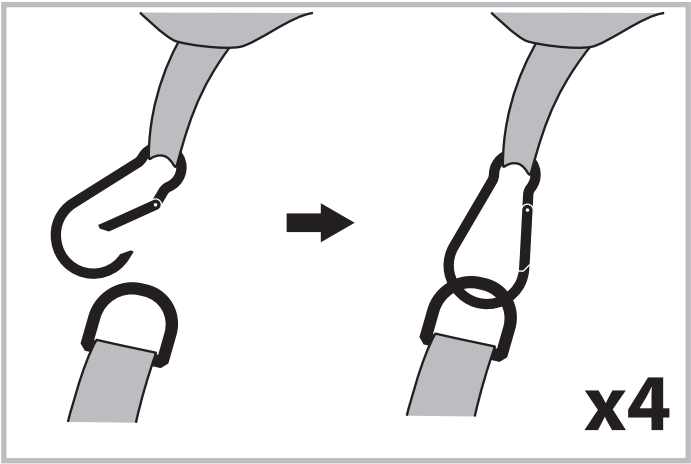
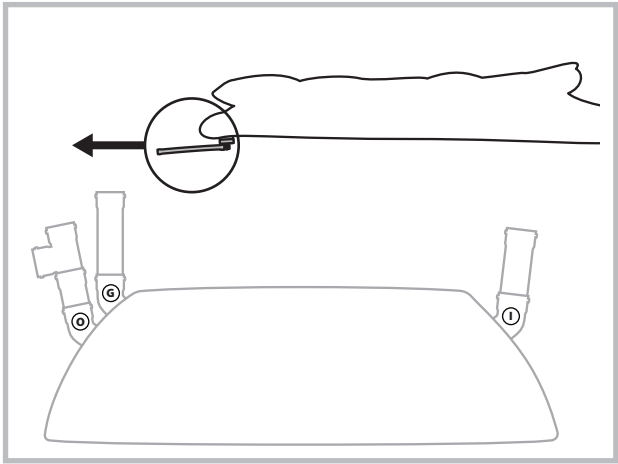
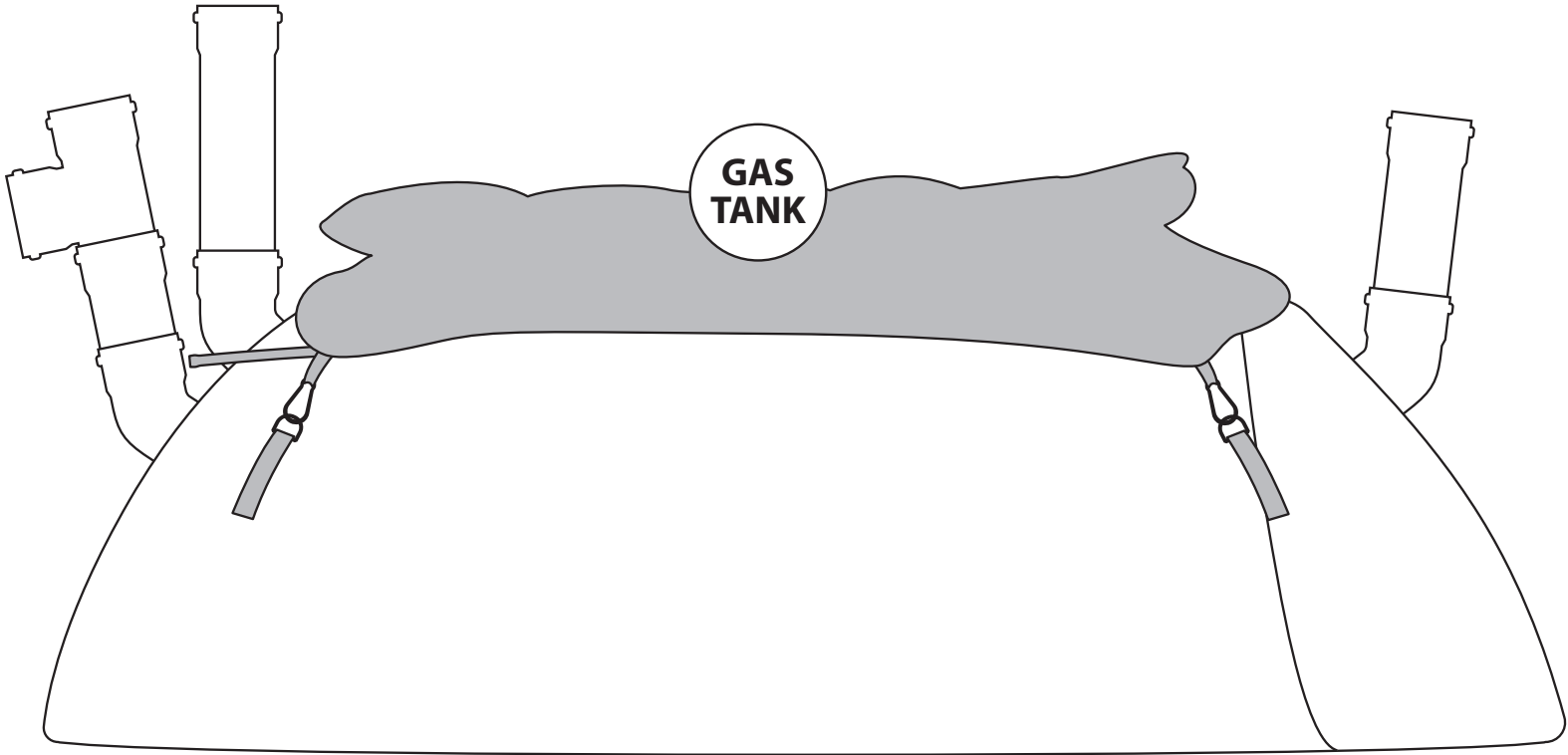


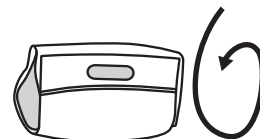
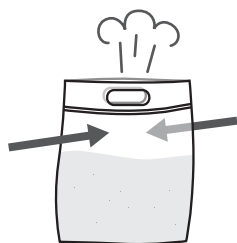
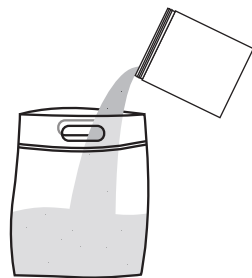
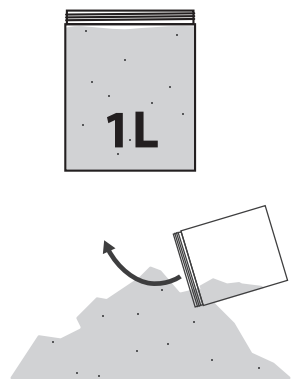
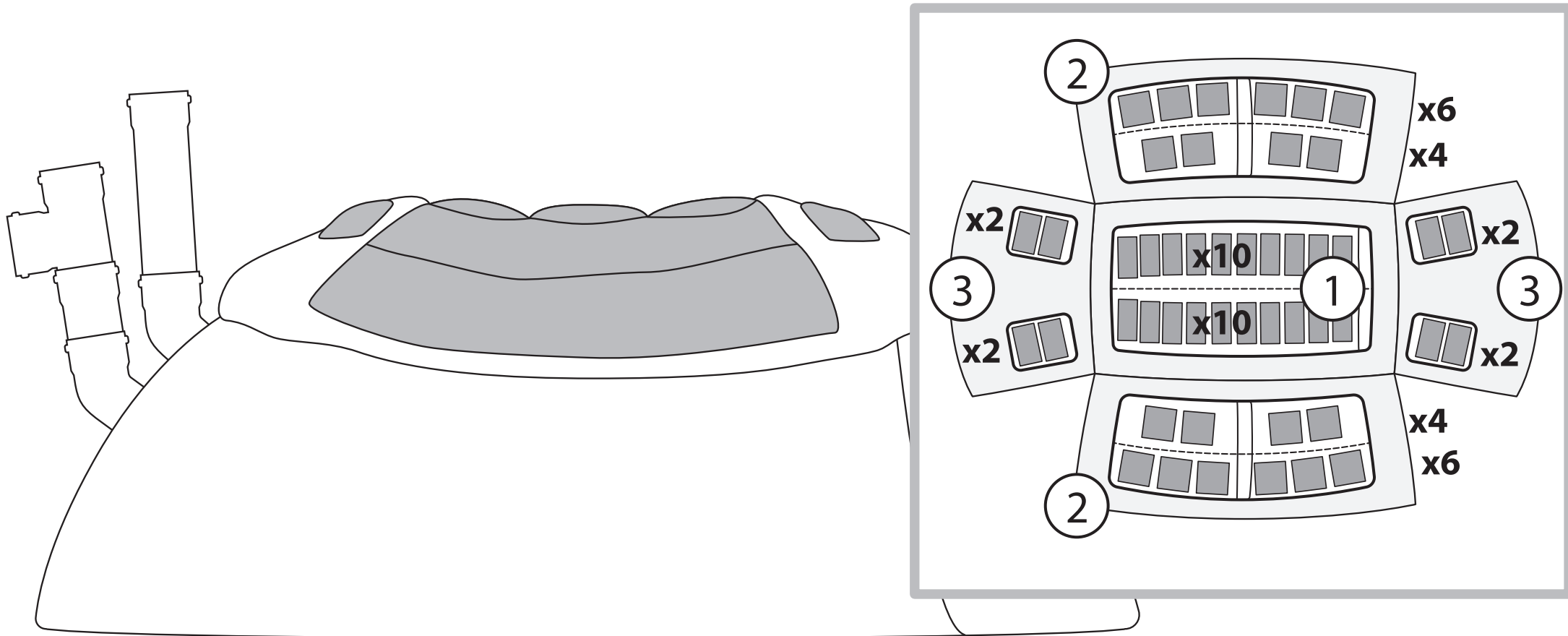
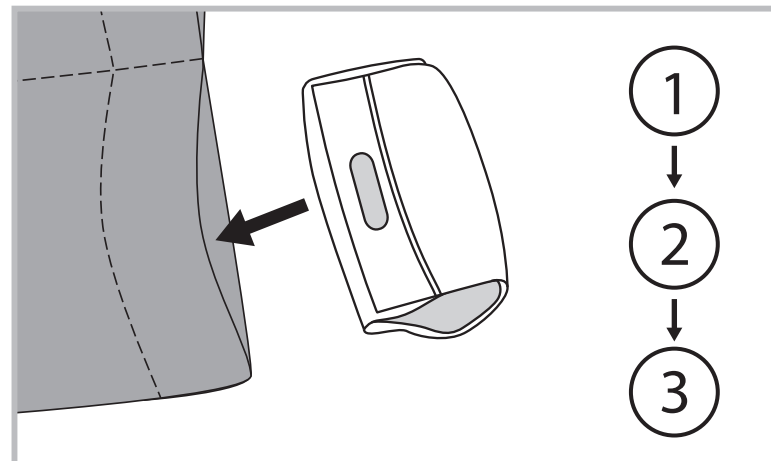
- * pipes must point inwards when filling
- * rest hose on digester & enter I pipe from system side (NOT outside)

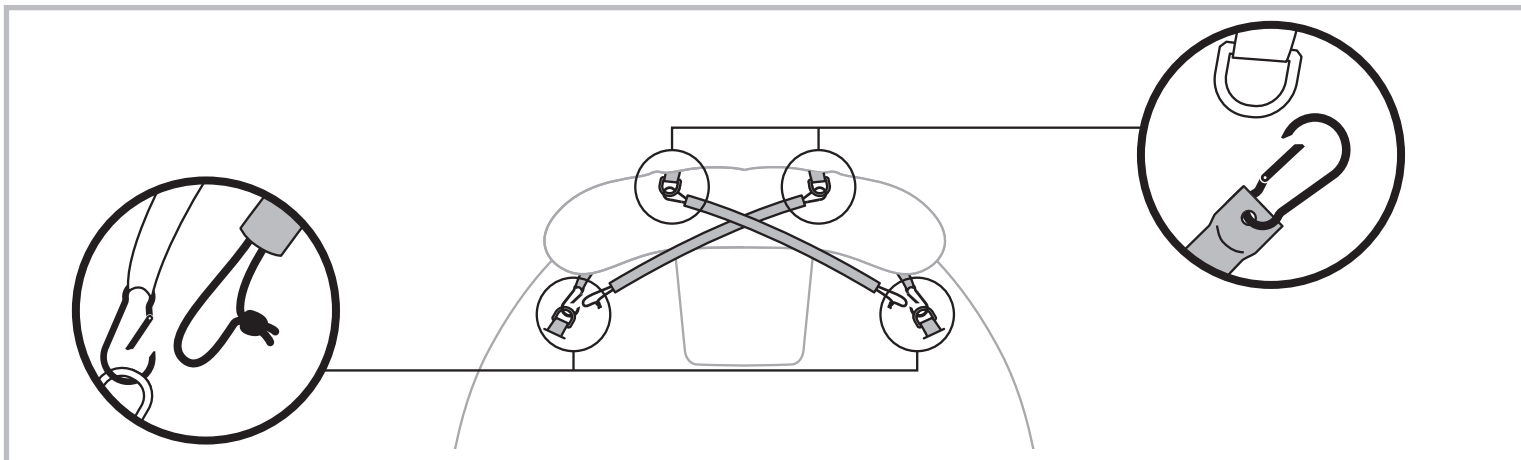
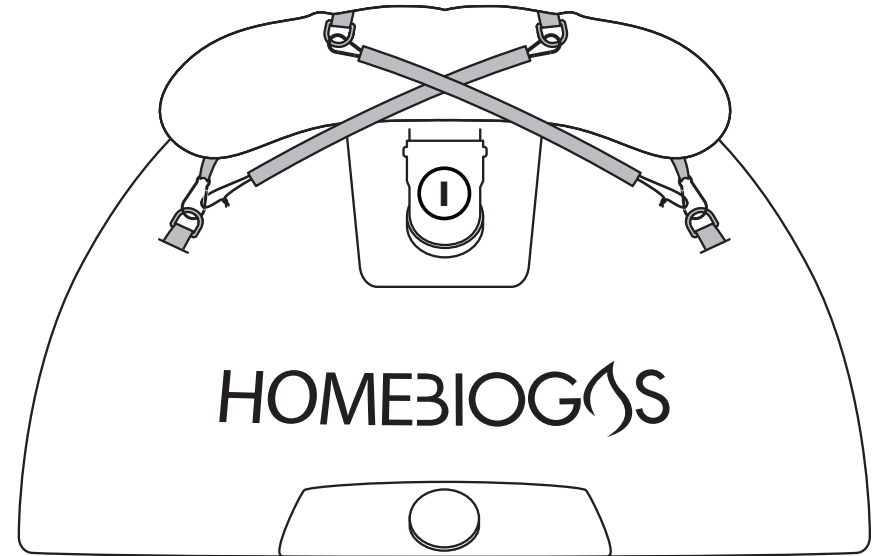
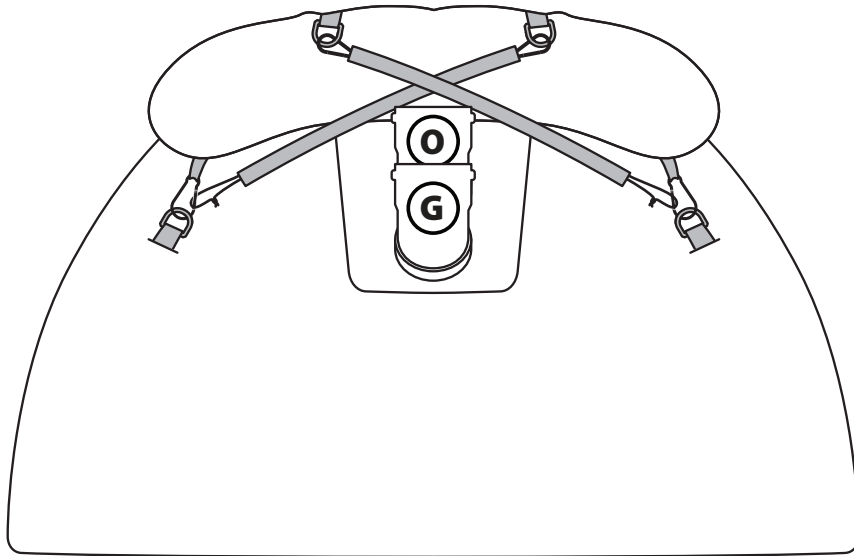


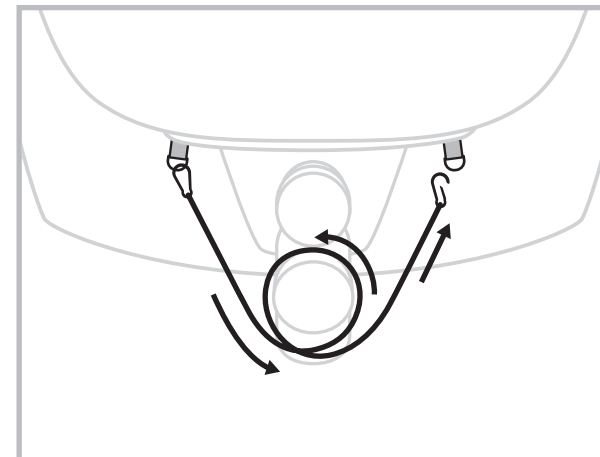
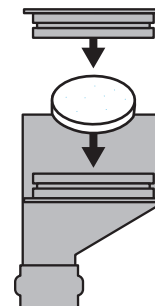
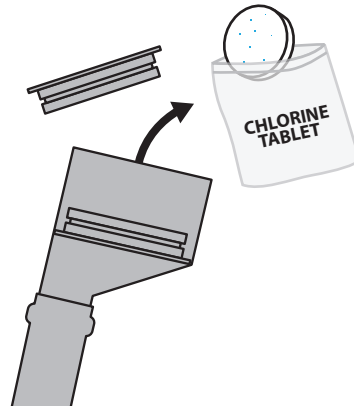
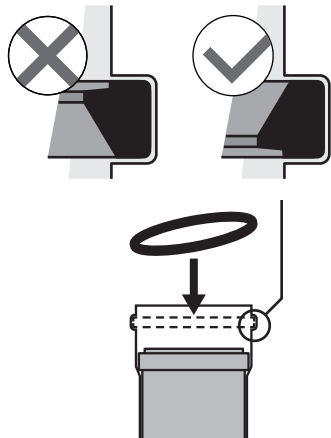
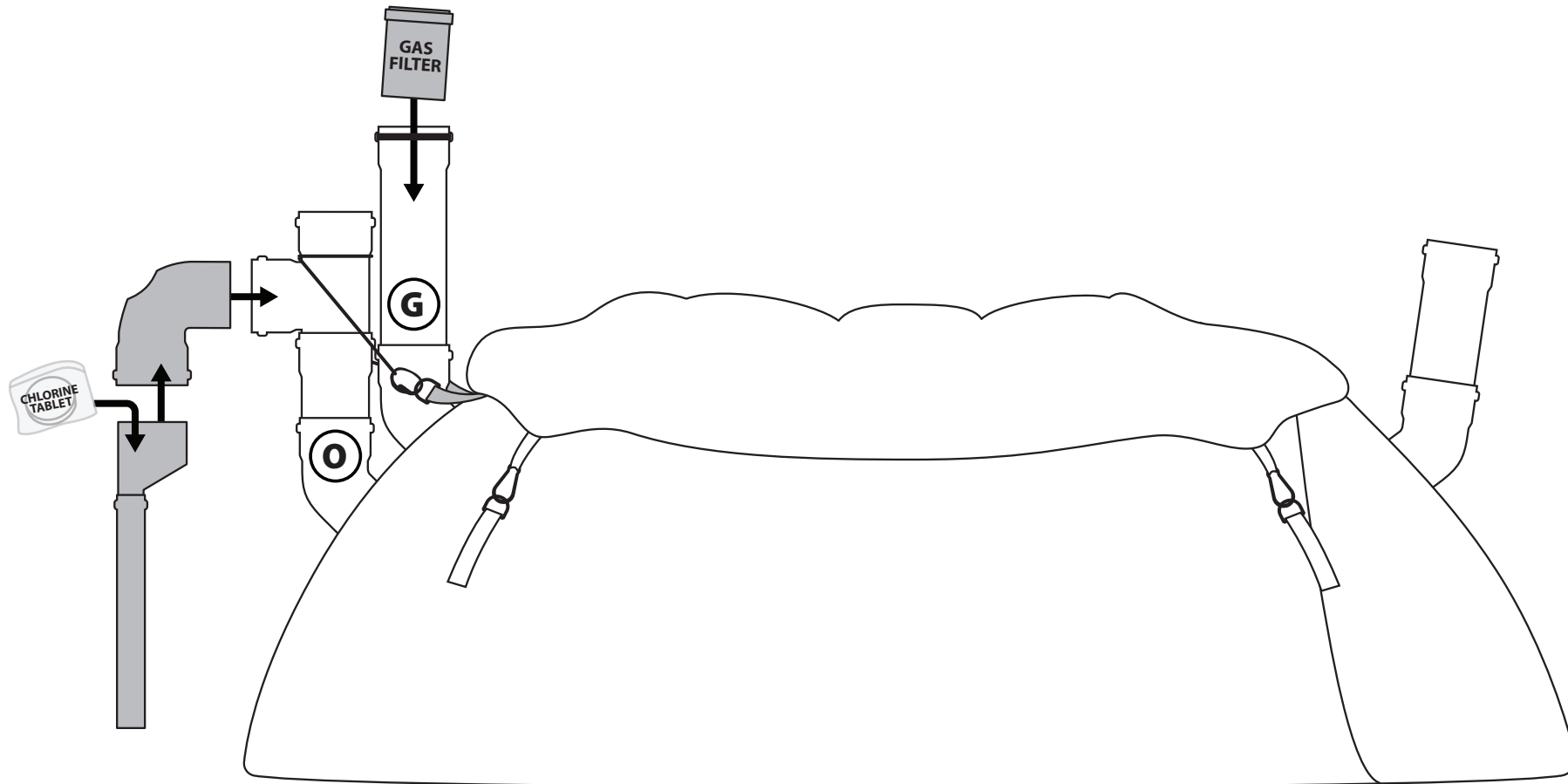
check filled digester for leaks.
for leaks at joints, tighten steel bands.
contact HomeBiogas if any other leaks are seen.

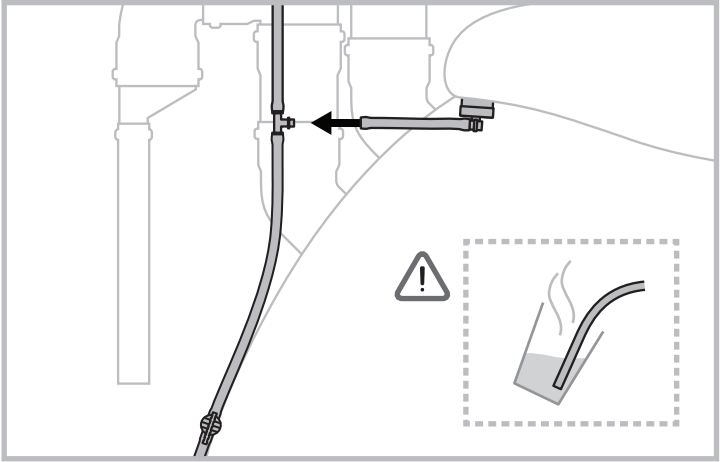
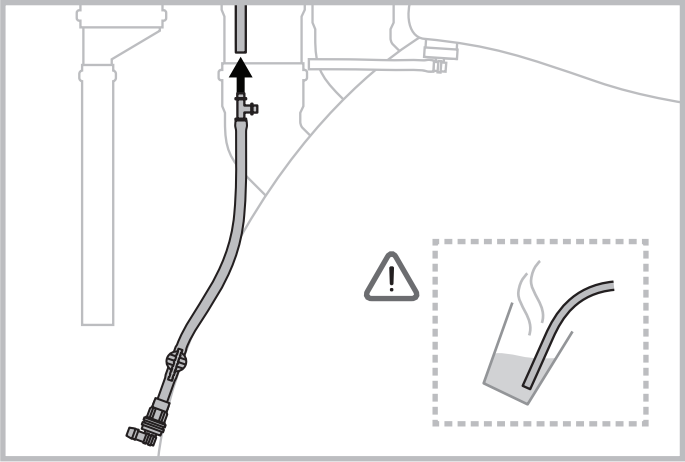
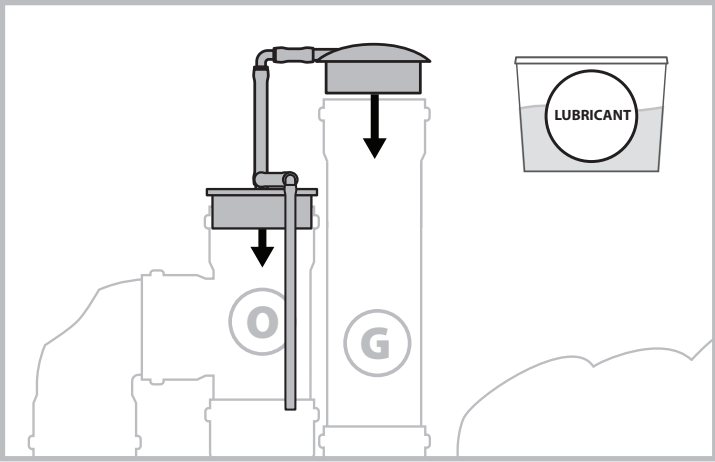
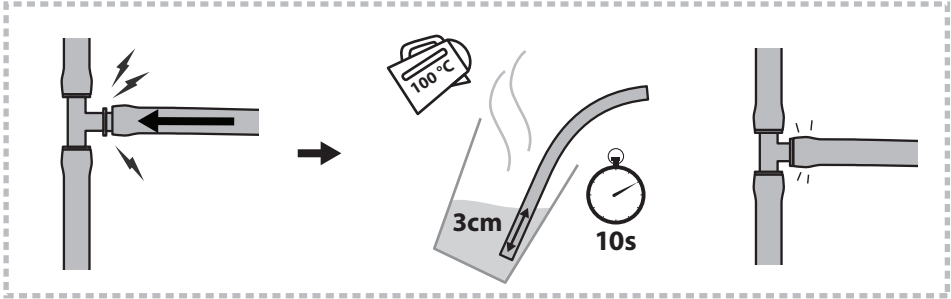
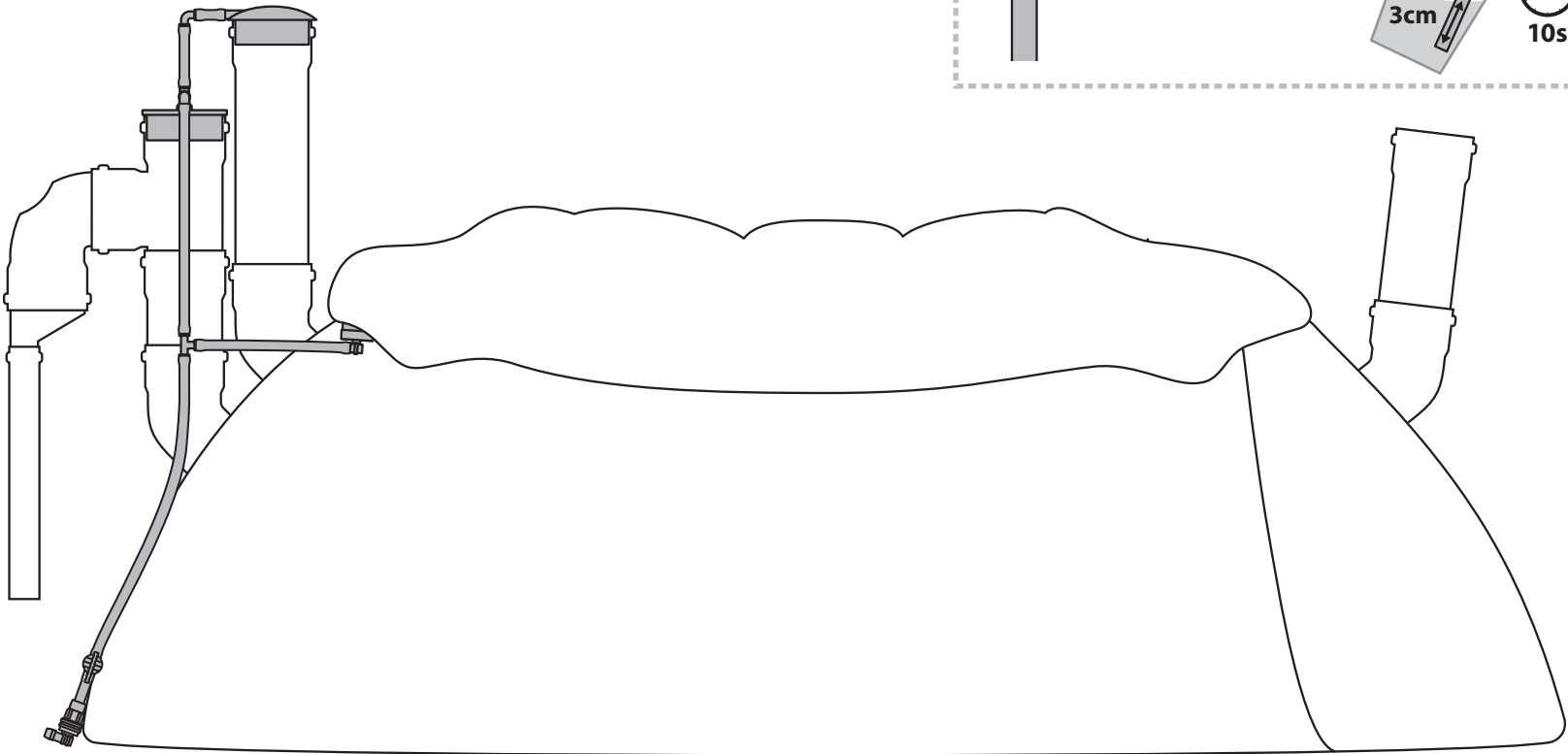


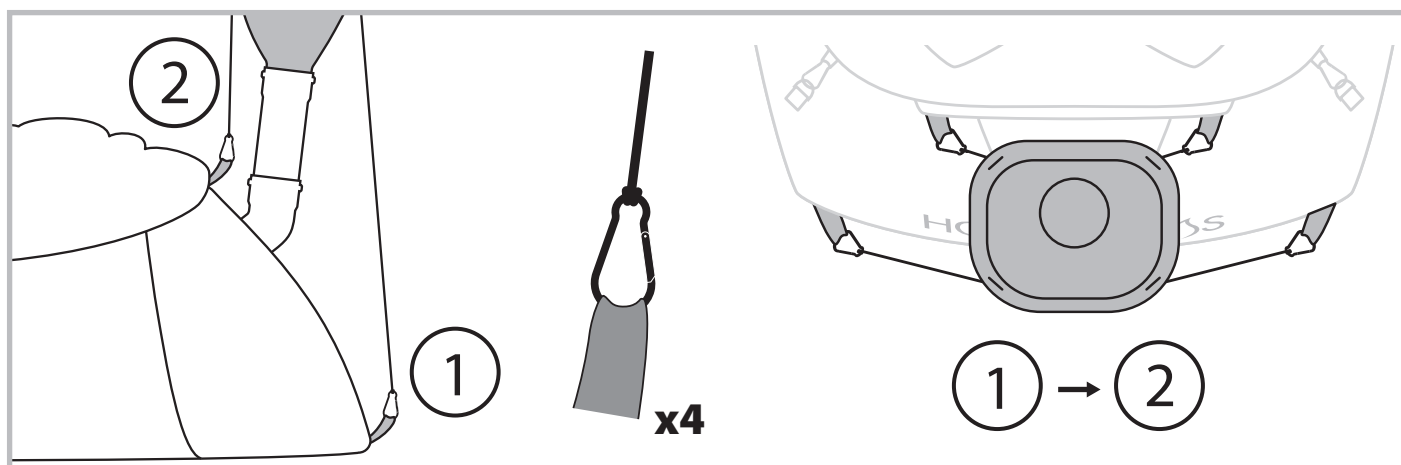
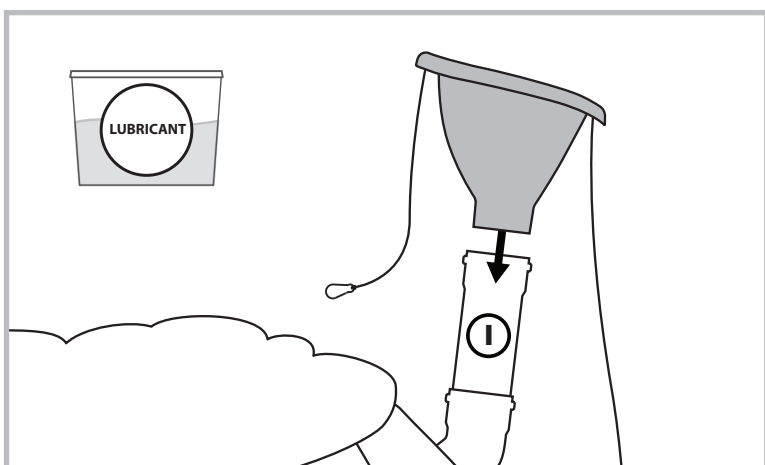
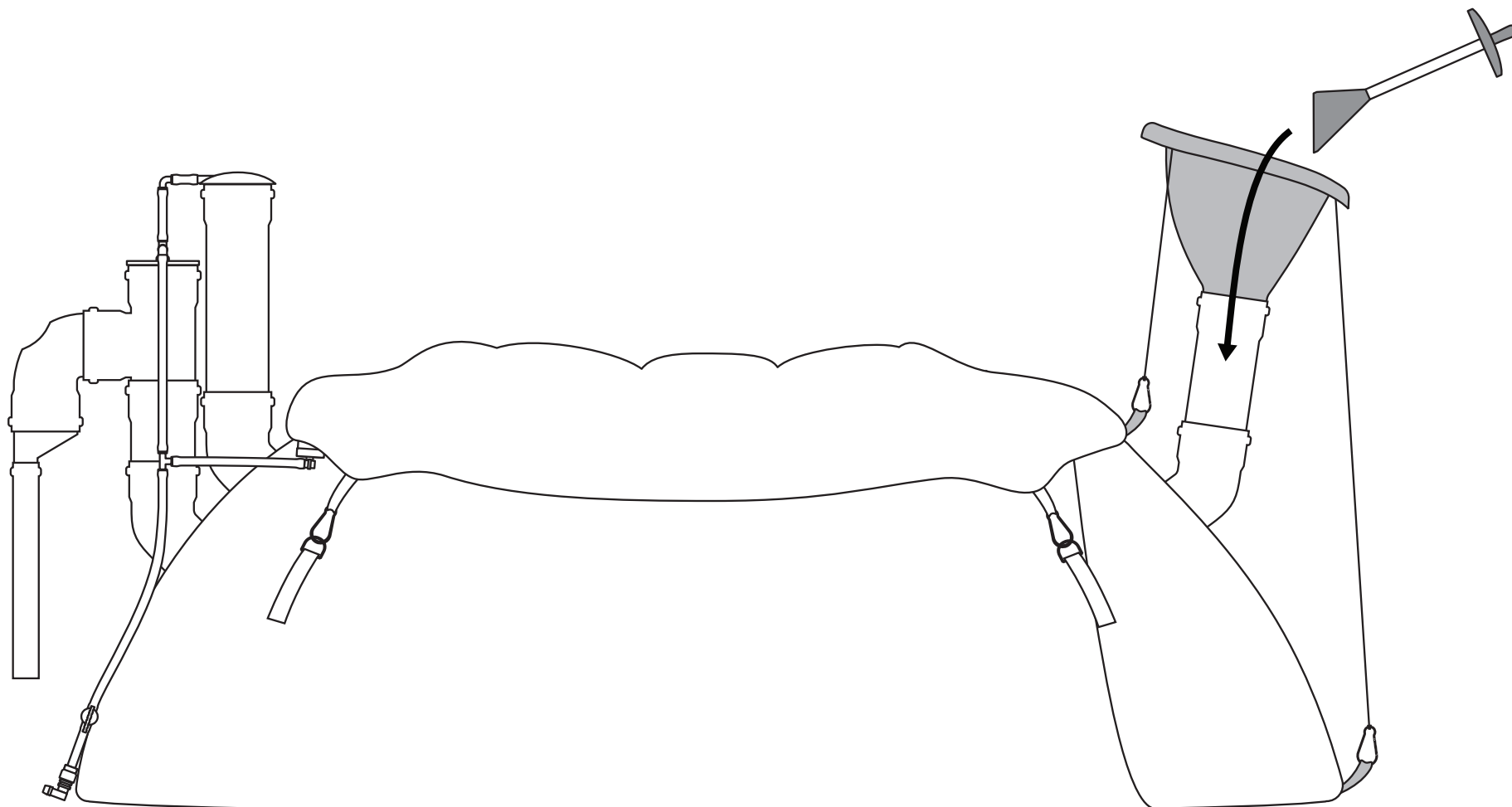


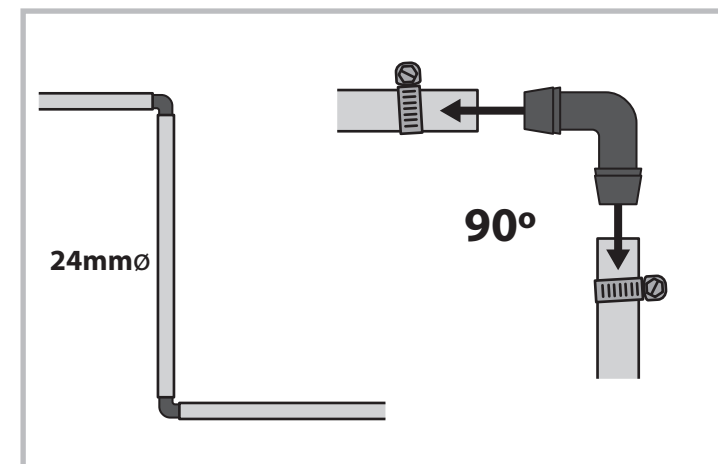
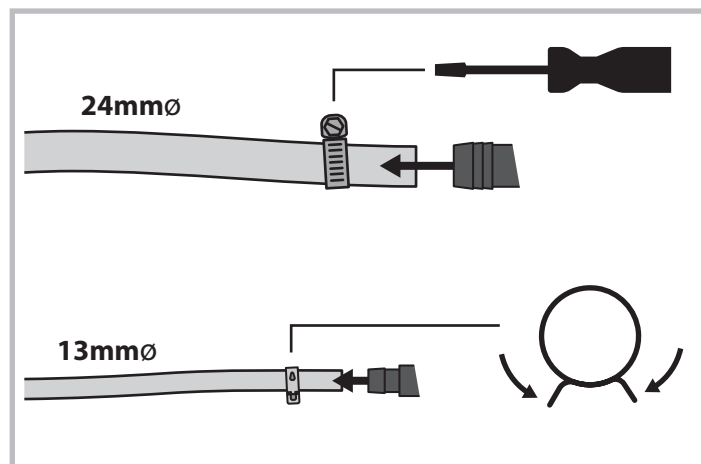
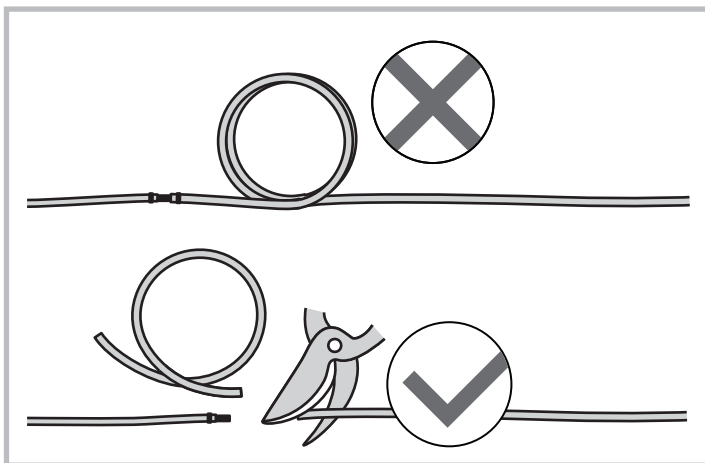
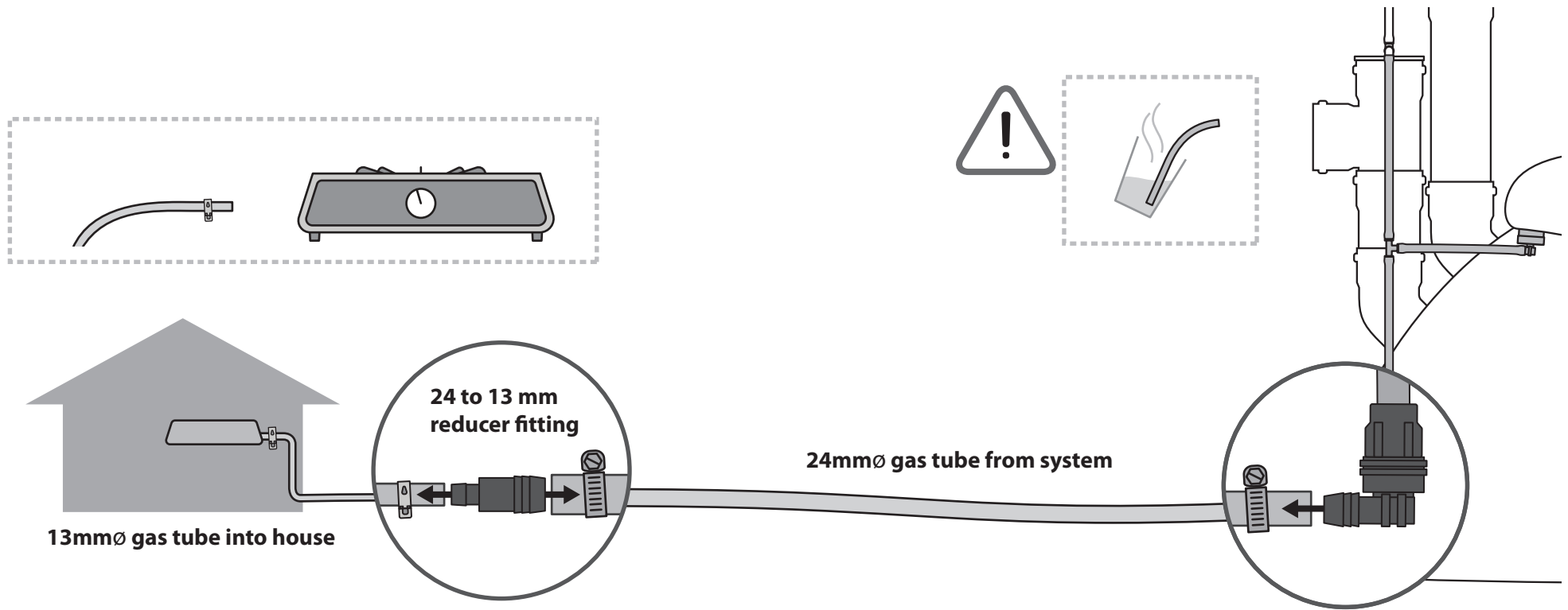
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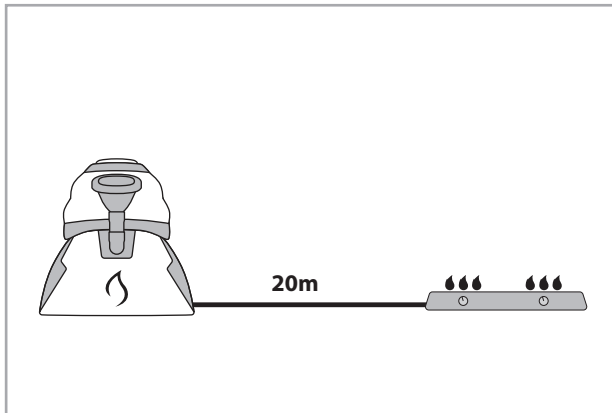




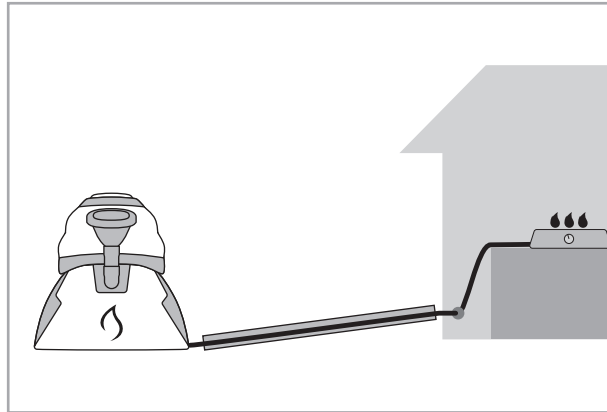




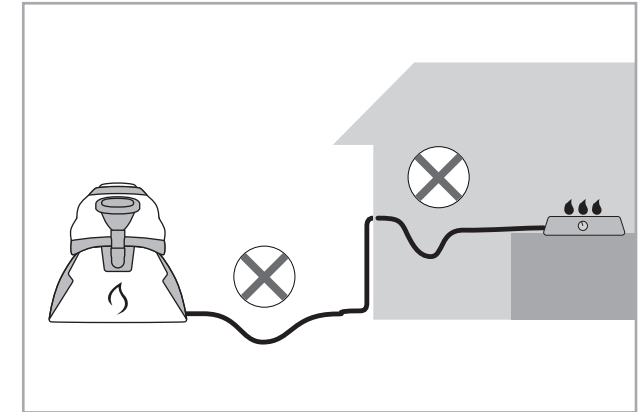
GAS PIPE INSTALLATION



system can be connected to stove/appliance up to 20m away (10m gas tubing provided)



gas tubing should be raised at an angle from system to stove.



there should be no U-shaped bends in the gas tube to prevent water vapor accumulation

