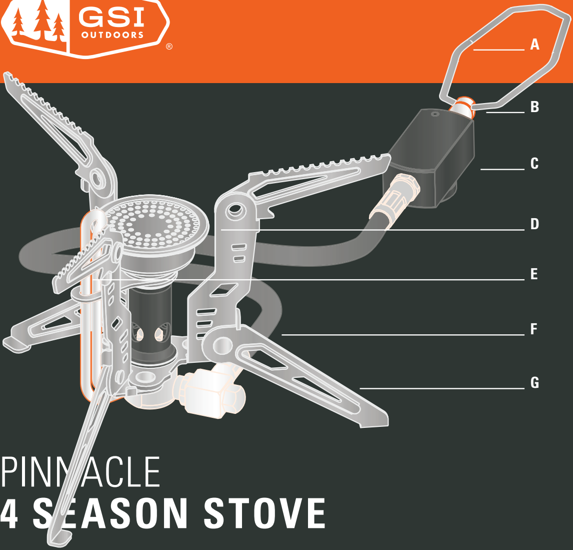
GSI OUTDOORS®



PINNACLE
4 SEASON STOVE

Read and understand t
instruction manual for
on your trip to familiari
understand this manua
1-800-704-4474, **+1-**
our website at **www.**

Do not attempt to use
instruction manual; (2)
and/or hot stove at all
observe any condition
would make operation
directions can cause a
serious bodily injury or

Do not use stove if par
to your stove model. U
parts not specific to yo

Do not attempt to mod
described in this instru

⚠ WARNING

this entire instruction manual before using this stove. Keep this
future reference. Practice using this stove before heading out
ize yourself with its function and dangers. If you do not
al or have any questions, please call GSI Outdoors, Inc. at
509-928-9611, email us at **info@gsioutdoors.com** or visit
gsioutdoors.com.

this stove: (1) before reading and fully understanding this
) if you are not prepared or comfortable attending to a burning
times; (3) if you observe, smell or hear leaking fuel; or (4) if you
with the stove system or in the surrounding environment that
of an open flamed device dangerous. Failure to follow these
n unsafe situation leading to fire or an explosion, resulting in
death.

IMPORTANT

ts are missing or broken, or with replacement parts not specific
se of stove with missing or broken parts, or with replacement
ur stove model, can result in burns severe injury or death.

lify or use this stove in any way for any purpose other than
uction manual

⚠ FOR YO

IF YOU SMELL GAS:

1/ Do not attempt to light appliance.

2/ Extinguish any open flame.

3/ Disconnect from fuel supply.

Do not store or use gasoline or other li
this or any other appliance.

⚠ SAFETY I

This stove is designed for OUTDOOR U
Use of stove within any enclosed spac
cooking food can cause fire, explosion
or death. You are responsible for your
This manual is not intended to replace
or concerns contact GSI Outdoors, Inc.
us at **info@gsioutdoors.com** or visi

PARTS

a: Flame Adjuster b: Flame Adjuster V
e: Support Arms f: Fuel Line g: Stove

UR SAFETY

quids with flammable vapours in the vicinity of

NFORMATION

JSE ONLY for boiling water and cooking food.
e, or for a purpose other than boiling water or
or poisoning resulting in serious bodily injury
own safety and the safety of those around you.
your good judgment. If you have any questions
at **1-800-704-4474**, **+1- 509-928-9611**, email
t our website at **www.gsioutdoors.com.**

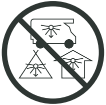
alve c: Valve Body Pot d: Burner Head
Legs

⚠ WARNING

Handling the brass material on this product exposes you to lead, a ch
the State of California to cause cancer, birth defects or other reprodu
WASH YOUR HANDS AFTER HANDLING THIS PRODUCT

⚠ DANGER

⚠DANGER



CARBON MONOXIDE H

**This appliance can produce carbon m
which has no odor.
Using it in an enclosed space can kill
Never use this stove in an enclosed sp
a camper, tent, car or home.**

IGNITION HAZARD

This stove can easily ignite surrounding materials and flammable liquids o
Keep stove and cartridge away from other heat sources. If you determine
windscreen is needed use **ONLY** the GSI Outdoors Pinnacle Windscreens
for exclusive use with the GSI Outdoors Pinnacle Stoves in their prescribed

INJURY HAZARD

Never let children use this stove. Supervise children in the cooking ar
keeping them at least 10 feet (3+ meters) away from the stove.

emical known to
uctive harm.

HAZARD

onoxide

you.
pace such as

r vapors.
that a
that are designed
d fashion.

rea at all times,

⚠ GENERAL FUEL CARTRIDGE SAFETY

This stove uses a liquid pressurized gas (LPG) cartridge that is highly flammable and explosive. Use only GSI Outdoors isoButane Fuel Cartridges of Isobutane and Propane mix (4 oz./110 g or 8 oz./230 g). Because GSI Outdoors cannot assure the quality and safety of other manufacturers' fuel cartridges, do not attempt to fit other types or makes of gas cartridges to the Pinnacle Stove. Follow this safety information when using GSI cartridges:

!/ Listen and smell for leaking gas. Leaking gas is a serious hazard. Natural LPG is invisible and odorless; strong odorant additives have been added to the fuel mix but can fade over time. Leaks are not always detectable by smell. Do not use this stove if it is leaking, damaged, or does not operate properly.

!/ Check that the stove and fuel cartridge connection is secure and tight. If the connection does not look or feel secure, or if you hear or smell leaking gas, do not use stove or cartridge. Move stove to a well-ventilated area away from any ignition source to locate and stop the leak. Only check for leaks outdoors using soapy water. Bubbles will form if the soapy water is poured over a leak. Do not try to detect leaks using a flame.

⚠ GENERAL FUEL CARTRIDGE SAFETY

!/ Only change the cartridge outside and at least 25 feet (7.6 meters) from people and any source of ignition.

!/ Always position stove on a stable, solid level surface before using stove. Check and if necessary clean the seals for dust, proper seating or any wear before connecting a new fuel cartridge to the stove. Do not use stove if seals are damaged or worn.

!/ Keep stove and fuel cartridge at least 25 feet (7.6 meters) away from other heat sources. If you expose the fuel cartridge to high heat, the cartridge will explode or leak resulting in serious bodily injury or death. This stove can ignite combustible materials, flammable liquids and vapors creating a situation where fire, burns severe injury or death can result.

!/ Follow all warnings on fuel cartridges regarding use and storage.

W

LIMITED WARRANTY/LIMI

USA, Canada and other applica

Limited Warranty :

GSI Outdoors, Inc. USA (GSI Ou
intended use and maintenance,
from defects in materials and w
against defects in materials an
way, (ii) used for purposes inco
(iii) improperly maintained. Wa
(i) failed to follow Product instr
abuse, or neglect.

TATIONS OF REMEDIES AND LIABILITY

ble Countries

tdoors) to the original owner ("Owner"), under
, warrants the enclosed product ("Product") to be free
vorkmanship for the life of the Product. No warranty
d workmanship will apply if Product is (i) altered in any
nsistent with Product's intended purpose or design, or
rranty will furthermore be voided where Owner/user
uctions or warnings or (ii) subjected Product to misuse,

During the warranty period, original product parts determined by
to be defective in materials or workmanship will be repaired or re
sole remedy. GSI Outdoors, Inc. reserves the right to replace any
product with a new product of comparable value and function. A
deemed irreparable becomes the property of GSI Outdoors, Inc. a
returned.

EXCLUDING THE LIMITED WARRANTY PROVIDED ABOVE, GSI O
AFFLIIATES AND THEIR SUPPLIERS, TO THE MAXIMUM EXTENT
LAW, MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, AND D
WARRANTIES, DUTIES AND CONDITIONS, WHETHER EXPRESS
STATUTORY, WITH RESPECT TO THE PRODUCT, INCLUDING WIT
ANY IMPLIED WARRANTIES OF MERCHANTABILITY, AGINAST L
FITNESS FOR A PARTICULAR PURPOSE, OR CORRESPONDENCE

GSI Outdoors, Inc.
placed as Owner's
discontinued
returned Product
nd will not be

UTDOORS, INC., ITS
T PERMITTED BY
ISCLAIM ALL
ED, IMPLIED OR
THOUT LIMITATION
LATENT DEFECTS,
TO DESCRIPTION.

WARRANTY

Warranty Service. To obtain service under this warranty, the warranty-eligible Product must be presented to GSI Outdoors, Inc. by calling 1-800-704-4474 [M-F, 8:00-4:30, PDT] or emailing info@gsioutdoors.com.

Owner is responsible for all costs associated with returning Product to GSI Outdoors for service. Where at its sole discretion GSI Outdoors deems Product eligible for warranty repair or replacement, GSI Outdoors will pay the shipping and handling associated with returning repaired or replaced Product to Owner. In instances where GSI Outdoors deems a returned product ineligible for warranty service, GSI Outdoors will, if possible, repair products for a reasonable charge that includes return shipping and handling. For warranty return service details, please go to www.gsioutdoors.com.

WARRANTY

Limitation of Remedies. Should a court of competent jurisdiction find the limited warranty set forth above breached, GSI Outdoors' only obligation will be to, at its option, either repair or replace Product. Should the aforementioned remedy fail of its essential purpose, GSI Outdoors will, in exchange for return of Product, refund to Owner Product's original purchase price. THE FOREGOING REMEDY IS THE SOLE AND EXCLUSIVE REMEDY OF THE PURCHASER AGAINST GSI OUTDOORS, ITS AFFILITAES AND THEIR SUPPLIERS, REGARDLES OF LEGAL THEORY.

Limitation of Liability. GSI Outdoors', its affiliates' and their suppliers' maximum liability is limited to incidental damages not to exceed the original purchase price of the Product. GSI OUTDOORS, ITS AFFILITATES AND THEIR SUPPLIERS HEREBY DISCLAIM AND EXLUDE ANY REASON WHATSOVER. THIS EXCLUSION AND LIMITATION APPLIES TO ALL LEGAL THEORIES UNDER WHICH DAMAGES MAY BE SOUGHT, AND WILL APPLY EVEN IF ANY REMEDY FAILS OF ITS ESSENITAL PURPOSE.

WA

This limited warranty gives Owner
rights, which may vary state to sta

Always completely follow safety, u
this or any other GSI Outdoors proc

European Union customer statutor

GSI Outdoors, Inc.

For product service and informatio
GSI Outdoors, Inc. USA
1023 S. Pines Road, Spokane WA.
1-800-704-4474 or 509-928-9611
www.gsioutdoors.com

RRANTY

specific legal rights; Owners may have additional
te.

use operation, and maintenance instructions for
duct.

y rights are not affected.

n contact

99206 USA

KNOW YOUR STOVE BEFORE YOU GO!

Familiarize yourself with the parts of your GSI Outdoors Pinnacle 4 Season Stove and the instructions for use and storage before connecting the stove to its fuel cartridge. Never use this stove in any other way than is described in the following instructions.

For more information or videos on how to use the GSI Outdoors Pinnacle 4 Season Stove visit our website at www.gsioutdoors.com.

Nominal Heat Input Rate:
7,829 BTU/h.

0359-16

(51CL3921-2010)
2009/142/EC

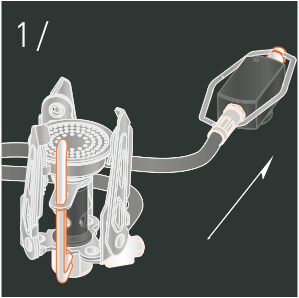
Nominal Heat	2.29 kW
Input Rate:	167 g/h.

Clearance to combustibles: top 4 ft. (1.2 m), sides 4 ft. (1.2 m)

*Nominal Heat Input Rate varies depending on test procedures of the particular standards agency.

#56003: Pinnacle® 4 Season Stove
© 2015 GSI Outdoors, Inc.
1023 S Pines Rd Spokane WA 99206 USA
PO Box 132 Wakefield, England WF1 1XJ

GSI OUTDOORS.com



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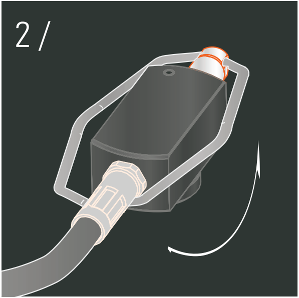

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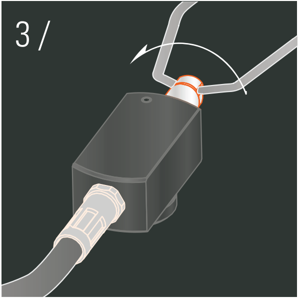

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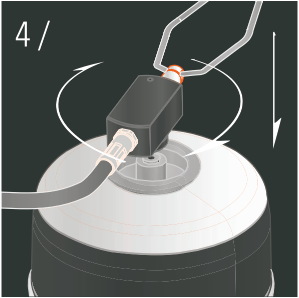

4 /

CONNECTIN

1/ Unwind Fuel Line and

2/ Unfold Fuel Adjuster.

3/ Close Flame Adjuster

4/ Carefully align the Fla
screw onto cartridge (
tighten this connectio

NOTE: A small amount of

!/ Always check for leak
water gently over the
will form around leaki
form, DO NOT USE t

!/ Never over tighten fuel
cartridge causing fuel t

!/ Use extreme caution wh
temperatures O-rings ca
and after lighting stove.

!/ Keep children and pets

NG STOVE AND CARTRIDGE

Valve Body.

Valve (clockwise rotation).

me Adjuster Valve body with the fuel cartridge nipple and (clockwise) until connection is secure. Do not attempt to n with any tool.

f gas may escape when connecting or disconnecting fuel cartridge

⚠ DANGER

s after installing the fuel cartridge. If in question, pour soapy suspected area(s) of the stove and fuel cartridge. Bubbles ng areas. **DO NOT TEST WITH FLAME**. **If any bubbles the fuel cartridge.**

cartridge to stove. Over tightening can damage stove or to leak. Leaking fuel can cause fire, burns, severe injury or death.

en using stove in temperatures below freezing. In freezing an become hard and leak fuel. Always check for fuel leaks before Use of a leaking stove can cause fire, burns, severe injury or death.

s at least 10 feet (3+ meters) away from the stove.

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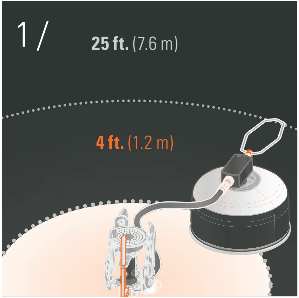

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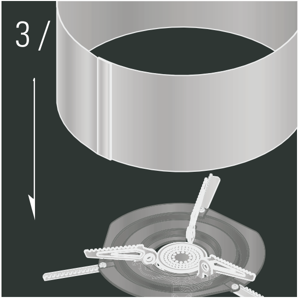
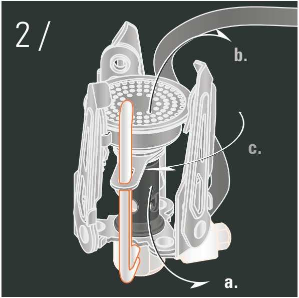
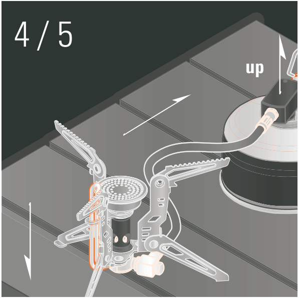






SETTING UP THE

1/ Select a non-trafficked, level cooking area outdoors an
combustible materials and flammable liquids or vapors

2/ Open Pot Supports by rotating Stove Legs down until they st
until horizontal. Rotate Stove Legs/Pot Support Arms out fro

3/ Attach GSI Outdoors Pinnacle Windscreen (if using).

4/ Place stove assembly on a solid, stable, even surface t

5/ Orient fuel cartridge nipple upwards on stable surface
full length of the Fuel Line.

⚠ DANGER

!/ Keep combustible materials at least 4 feet (1.2 meters)
stove, or a stove that you are in the process of lighting.
vapors at least 25 feet (7.6 meters) away from the burn
you are in the process of lighting. This stove can ignite
flammable liquids and vapors creating a situation whe
death can result. Keep children at least 10 feet (3+ me

!/ Never attempt lighting stove if flame adjuster valve is left op
left open, close it immediately and thoroughly ventilate area
to ventilate area can result in an explosion that can cause fi

STOVE

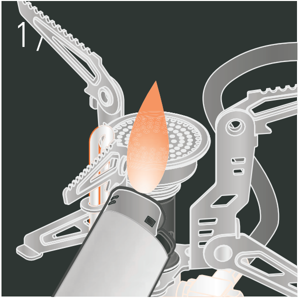
d clear cooking area of
.

op. Rotate Pot Support Arms up
m Burner Head until they stop.

o ensure stability.

away from the stove at the

away from the burning
. Keep flammable liquids and
ning stove, or a stove that
combustible materials,
re fire, burns severe injury or
ters) away from the stove.
en. If flame adjuster valve is
before lighting stove. Failure
e, burns, severe injury or death.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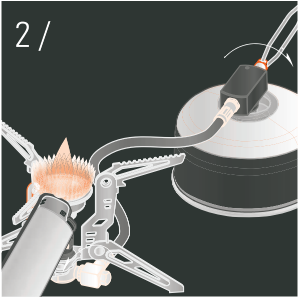
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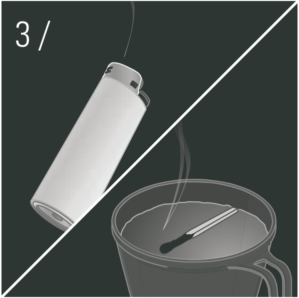
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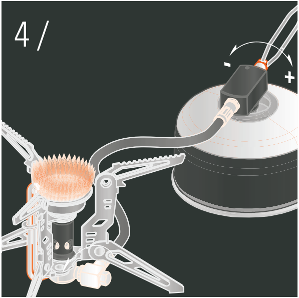
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LIGHTING THE STOVE

1/ Hold a lit match or lighter flame over the edge of the Burner Head.

2/ Open Flame Adjuster Valve (3/4 turn) to release and ignite fuel.

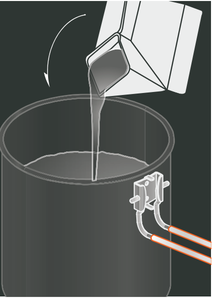
3/ Extinguish match or lighter responsibly.

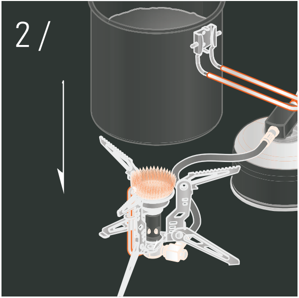
4/ Turn Flame Adjuster Valve to desired flame setting.

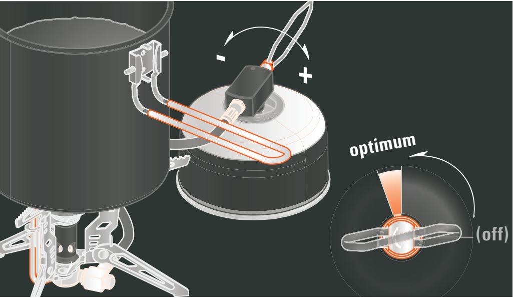
⚠ DANGER

!/ Never position your head or body above the stove while lighting, or cooking. Because stove maintains an almost clear blue flame which cannot easily be seen in sun lit environments, placement of head or body above stove is an unsafe practice that can cause fire, burns, severe injury or death.

!/ Keep children at least 10 feet (3+ meters) away from the stove. Never leave a burning or hot stove unattended. An unattended stove can lead to fire and/or a situation where children, pets, or the unwary can be burned, injured or killed.







USING THE S

1/ Add food or liquid to cookware.

2/ Place cookware onto the center of th

3/ Turn Flame Adjuster Valve to adjust h

⚠ DA

!/ Never move a burning or hot stove. A
moving. Moving a burning or hot stov

!/ Never use any cookware with a diame
height greater than 6 inches (15.2 cm
feature with this stove; doing so can
serious bodily injury or death.

!/ Reflected heat can overheat the fuel
more stoves together. Never operate
stove in any of the proceeding manne
and causing fire, burns, severe injury

!/ Never use cookware that is not flat o
and/or inappropriate cookware can r
resulting in a situation where hot coo
spill causing fire, burns, sever injury

TOVE TO COOK

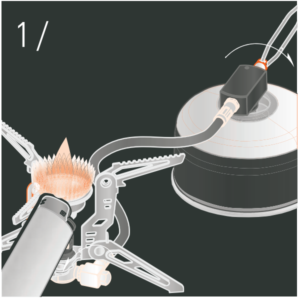
e stove.

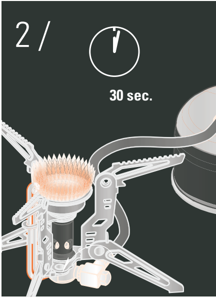
heat. (approx. 1/4 turn for optimum efficiency)

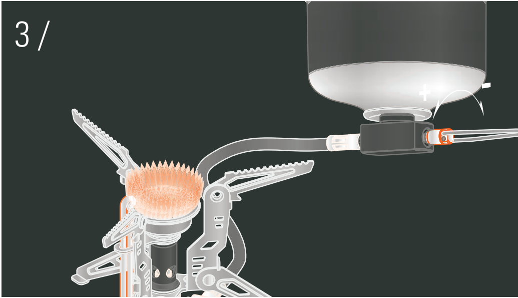
NGER

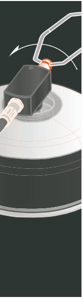
lways extinguish stove and cool before
e can cause fire, burns, severe injury or death.
eter larger than 9.5 inches (24.2 cm) and
) or stove-top ovens with a heat retention
cause the cartridge to explode resulting in

cartridge. Never place and operate two or
stove with empty or dry cookware. Use of
ers can result in the fuel cartridge exploding
or death.
n the bottom. Use of stove with damaged
esult in cookware and/or stove instability
kware and/or cookware contents can easily
or death.









USING THE STOVE IN LIQUID FEED MODE

1/ Follow instructions as described in “Connecting Stove And Cartridge“, “Setting Up The Stove” and “Lighting The Stove”.

2/ After burning for 30 seconds, reduce flame to minimum flame height and invert cartridge for improved performance in cold conditions.

NOTE: Because of change in pressure, flame will increase dramatically.

3/ Turn Flame Adjuster Valve to adjust heat.

⚠ DANGER

!/ Never move a burning or hot stove. Always extinguish stove and cool before moving. Moving a burning or hot stove can cause fire, burns, severe injury or death.

!/ Never use any cookware with a diameter larger than 9.5 inches (24.2 cm) and height greater than 6 inches (15.2 cm) or stove-top ovens with a heat retention feature with this stove; doing so can cause the cartridge to explode resulting in serious bodily injury or death.

!/ Reflected heat can overheat the fuel cartridge. Never place and operate two or more stoves together. Never operate stove with empty or dry cookware. Use of stove in any of the proceeding manners can result in the fuel cartridge exploding and causing fire, burns, severe injury or death.

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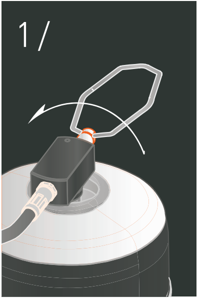

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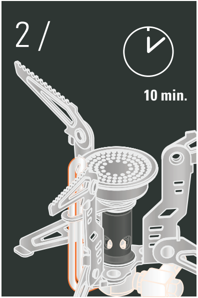

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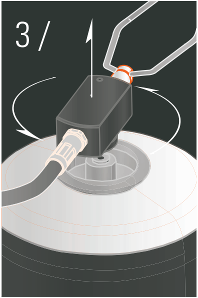

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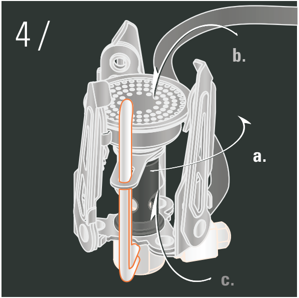

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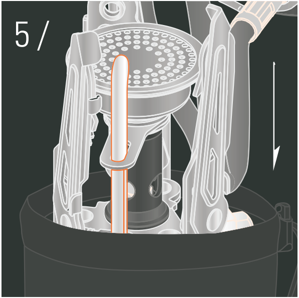

TU

1/ Close Fla

2/ After flan

3/ Move sto
by graspi

4/ After the

5/ Store in s

NOTE: A sm

!/ Stove and
Never att
so can qu

!/ Always di
stove fro
severe in
location,
furnaces,
any heat
in fire, ex

URNING OFF THE STOVE

me Adjuster Valve when cooking is done (clockwise rotation).

mes are out, wait 10 minutes for stove to cool.

ove assembly away from any ignition sources and unscrew from cartridge
ng the valve body (counter clockwise rotation).

stove has completely cooled fold Flame Adjuster and close Pot Supports.

storage sack or a clean dry environment.

nall amount of gas may escape when connecting or disconnecting fuel cartridge

⚠ DANGER

d components will be VERY hot for a period of time after shutting off.
tempt to remove or compact the stove while it is hot to the touch. Doing
ickly result in severe burns and possible ignition of flammable materials.

isconnect stove from cartridge before storing it. Failure to disconnect
m cartridge before storing may cause fuel to leak and cause fire, burns,
jury or death. Always store the fuel cartridges in a well-ventilated
well away from any possible heat or ignition source such as: heaters,
water heaters, gas appliances or pilot lights. Storing fuel cartridges near
or ignition source or where temperatures exceed 120 F (49 C), can result
plosion or poisoning resulting in serious bodily injury or death.