

**1** **Items to Assemble**  
 1 Long Leg Assembly  
 1 Short Leg Assembly  
 8 Screws

**A** Place bottom shell on table or grill container.  
**B** Insert tabs on long leg assembly into front casters.  
**C** Attach bottom assembly with one screw on each side.  
**D** Repeat step B and C for short leg assembly.

**CAUTION: Ends of screws have sharp points.**

Short leg, right side  
 Long leg, left side  
 Long leg, assembled  
 Unreverse side of bottom shell

**2** **Items to Assemble**  
 2 Leg Extenders  
 1 U-Nut  
 1 Cylinder Thumbscrew  
 2 Wheels  
 1 Axle Rod  
 1 Spacer  
 2 Flat Washers  
 1 Hitch Pin

**A** Attach leg extenders. Check to make sure leg is seated all the way into the leg extender.  
**B** Match U-nut to tab. See arrangement of U-nut for correct position.  
**C** Thread cylinder thumbscrew into hole and U-nut. Screw flanged hex nut onto end of cylinder thumbscrew.  
**D** Slide wheels and spacer on axle rod. Insert axle rod into single hole in bottom shell. Match other wheels and spacer with two washers and a hitch pin.

Qty: 1  
 Not to scale

Correctly assembled legs

**3** **Items to Assemble**  
 4 Bats (all identical)  
 10 Screws

**A** Overlay bats and hook bats into slots. Pull rats to latch.  
**B** Match one screw in center of each rail.  
**C** Match rail and legs with two screws in each corner.

Qty: 10

**4** **Items to Assemble**  
 1 Front Panel  
 2 Push Pins

**A** Place tabs on front panel beside leg bats.  
**B** Insert push pins into front panel and legs.

Qty: 2

**5** **Items to Assemble**  
 1 Containment Basket  
 1 Push Pin

Turn cart upright, upside down

**6** **Items to Assemble**  
 1 Grill Bottom Assembly  
 4 Screws

**A** Angle grill bottom assembly around and under the rails.  
**CAUTION: Be careful not to dislodge burner tubes.**  
**B** Make sure ribs on each side of bottom casting are nested into notches on casting seat.  
**C** Attach 4 screws inside grill bottom and into casting seat.

Qty: 4

**7** **Items to Assemble**  
 1 Grill Bottom Assembly  
 4 Screws

**A** Angle grill bottom assembly around and under the rails.  
**CAUTION: Be careful not to dislodge burner tubes.**  
**B** Make sure ribs on each side of bottom casting are nested into notches on casting seat.  
**C** Attach 4 screws inside grill bottom and into casting seat.

Qty: 4

**8** **Items to Assemble**  
 1 Stand Cart Upright and remove cardboard sleeves

Hub on wheels faces into grill bottom

Correct position of flanged hex nut

Correct position

**9** **Items to Assemble**  
 1 Front Panel  
 2 Push Pins

**A** Place tabs on front panel beside leg bats.  
**B** Insert push pins into front panel and legs.

Qty: 2

**10** **Items to Assemble**  
 1 Containment Basket  
 1 Push Pin

Turn cart upright, upside down

**11** **Items to Assemble**  
 1 Grill Bottom Assembly  
 4 Screws

**A** Angle grill bottom assembly around and under the rails.  
**CAUTION: Be careful not to dislodge burner tubes.**  
**B** Make sure ribs on each side of bottom casting are nested into notches on casting seat.  
**C** Attach 4 screws inside grill bottom and into casting seat.

Qty: 4

**12** **Items to Assemble**  
 1 Grill Bottom Assembly  
 4 Screws

**A** Angle grill bottom assembly around and under the rails.  
**CAUTION: Be careful not to dislodge burner tubes.**  
**B** Make sure ribs on each side of bottom casting are nested into notches on casting seat.  
**C** Attach 4 screws inside grill bottom and into casting seat.

Qty: 4

**13** **Items to Assemble**  
 1 Stand Cart Upright and remove cardboard sleeves

Hub on wheels faces into grill bottom

Correct position of flanged hex nut

Correct position

**PRECISION GRILLING TECHNOLOGY**

**ASSEMBLY MANUAL**  
 466464606  
**THIS GRILL IS FOR OUTDOOR USE ONLY**

**CAUTION: Read and follow all safety statements, assembly instructions and use and care directions before attempting to assemble and cook.**

**INSTALLER/ASSEMBLER:** Leave these instructions with consumer.

**CONSUMER:** Keep this manual for future reference.

**WARNING:** Failure to follow all manufacturer's instructions could result in serious personal injury and/or property damage.

**CAUTION:** Some parts may contain sharp edges - especially as noted in the manual! Wear protective gloves if necessary.

If you have any questions or need assistance during assembly, please call 1-800-387-6077.  
 Visit us on the web at [www.thermos.com](http://www.thermos.com)

**PERFORMANCE SERIES™**

**THERMOS**

Printed in USA

7001643\_466464606 (1-19-09) - 0

**Parts List - Model 466464606**

Key	Qty.	Description	Part #	Key	Qty.	Description	Part #
A	1	Bottom Shell	7000506	AA	1	Ignitator	7000378
B	4	Rails	7000285	BB	1	Electric Button	7000161
C	1	Top Casting	7000356	CC	3	U Nuts	7000185
D	1	Bottom Casting	7000510	DD	1	Sideburner Body	7000678
E	4	Burners	7000093	EE	1	Sideburner Frame Insert	7000306
F	1	Carry-Over Tube	7000280	FF	1	Sideburner Handle	7000059
G	2	Pat Nuts	7000132	GG	1	"S" Hook Toolholder	7000346
H	2	Casting Bumpers	7000184	HH	1	Sideburner Lid Assy	7000680
I	1	Handle	7000191	II	1	Sideburner Lid Handle	7000169
J	1	Handle Cap, Right	7000192	JJ	1	Shelf	7000517
K	1	Handle Cap, Left	7000193	KK	1	Sideburner Grid	7000304
L	1	Conditionment Basket	7000037	LL	1	Griddle	7000034
M	2	Wheels	7000262	MM	1	Front Panel	7000518
N	1	Axle Rod	7001633	NN	1	Warning Rack	7000181
O	4	Vaporizer Tents	7000381	OO	1	Cook Grid	7000025
P	1	Grease Tray Assembly	7000043	PP	2	Cook Chids	7000026
Q	1	Grease Fan	7000046	QQ	1	Vaive Hose Regulator	7000069
R	1	Sideburner Burner	7000037	RR	1	Control Panel	7001511
S	1	Fascia, Right	7000672	SS	1	Ignition Module	7000944
T	2	Fascia, Left	7001561	TT	1	24" Ignitor Wire	7000884
U	2	Leg Extenders	7000230	UU	1	Leg Assembly, Long	7000522
V	5	Control Knobs	7000237	VV	1	Leg Assembly, Short	7000523
W	5	Bezels	7000912	WW	2	Spacers	7000396
X	1	Logo Plate Assembly	4157441	XX	1	Hardware Bag	7001289
Y	1	Temperature Gauge	70000361				
Z	1	Temperature Gauge Bezel	4157169				

**7** **Items to Assemble:**  
 2 UNITS  
 1 Grease Tray Assembly  
 1 Grease Pan

**A** Place unit as shown into cabinet on left and right side of grill bottom.

Qty: 2  
 Not to scale

**8** **Items to Assemble:**  
 1 Electronic wiring Nut or Nut

**A** Inside bottom casting, insert electrode and finger tighten with wing nut or nut.

View of electrode attached and aligned with a porthole in the burner.

Front

**9** **Items to Assemble:**  
 1 Control Panel  
 2 Screws

Loosen long wire and place behind front panel. Do not connect at this time.

**A** Hold control panel close to bottom casting. Attach short igniter wire to electrode.

**B** Insert regulator into opening in front panel.

**C** Connect valve into burner tubes (see burner tube view). Rotate control panel up and nest finger over rail.

**D** Attach control panel to legs with a screw in top hole on each side.

Qty: 2

Correctly assembled burner tube and valve.

**10** **Items to Assemble:**  
 1 Sheet  
 3 Screws  
 1 Fascia

**A** Sheet slides into rails. Secure with 4 screws.

**B** Place sheet into front of shell. Insert 2 slots in front of shell, then slide towards leg.

**C** Fasten fascia with 1 screw into second hole through control panel and leg.

Qty: 5

**11** **Items to Assemble:**  
 1 Sideburner Assembly  
 1 Sideburner Grate  
 1 Sideburner Burner  
 1 Metal Wing Nut  
 4 Screws

**A** Side burner assembly onto rails. Attach with 4 screws.

Qty: 1

**B** Insert sideburner into sideburner assembly. Make sure valve fits into tube before attaching wing nut to sideburner burner.

Only 1 Wing nut required.

Sideburner tube and valve properly engaged.

**12** **Items to Assemble:**  
 1 Sideburner LP Assembly  
 2 Screws, 5/16"

**A** Place sideburner (is onto sideburner assembly). Attach with two screws.

5/16" Qty: 2

**B** Attach long wire from electronic ignition module to electronic beneath sideburner.

Caution:  
 If there is a plastic sleeve on the sideburner electrode, remove it before connecting the long wire.

**13** **Items to Assemble:**  
 1 Fascia  
 1 Screw, 1/2"  
 1 Screw, 3/8"

**A** Side fascia around manifold and insert sideburner valve into slot. Fascia tube must insert into 2 slots in front of shell.

**B** Place bezel onto valve and attach with 3/8" screw.

1/2" Qty: 1  
 3/8" Qty: 1

**14** **Items to Assemble:**  
 1 Handle cap, Right  
 1 Handle cap, Left  
 2 Wing Nuts

**A** Holes in handle face towards top casting.

**B** Place right handle cap with one slot on right side of handle and left handle cap with two slots on left side. Fasten to top casting with two wing nuts.

Left: Two slots  
 Right: One slot

Qty: 2

**15** **Items to Assemble:**  
 1 Top Casting  
 2 Shoulder Bolts  
 5 Control Knobs  
 1 AAA Battery

**A** Attach top casting with shoulder bolts.

**B** Reach top casting of top casting. Note correct position to hold igniter button. Push on button once to engage seal.

**C** If back of button looks like C, Push button onto igniter module and turn right 1/4 turn to lock in place.

**D** Place knobs on valve stems.

Qty: 2

**16** **Items to Assemble:**  
 3 Grates  
 1 Warming Rack

**A** Note correct position of vaporizer lens directly over burners.

**B** Place grates as shown.

**C** Place warming rack in slots on bottom casting.

Warming rack slots

**17** **Items to Assemble:**  
 1 (purchased) LP Tank

LP tank is sold separately. Be sure with it (over all propane, natural gas, LP tank, LP tank, LP tank) check before attaching to grill and regulator.

Place LP tank into hole in bottom shelf. Tighten thumbscrew to hold LP tank securely in place.

BACK

Back of cart

**18** **Items to Assemble:**  
 1 Grease Tray Assembly  
 1 Grease Pan

**A** Slide grease tray into brackets on bottom casting.

**B** Slide grease pan into brackets on grease tray.

Back of cart

**CAUTION**

Failure to install the grease tray will cause not proper operation of grill with risk of fire or property damage.

You may have hardware left over after assembly of your grill. This is normal. If you have excess hardware, please return it to us to ensure you have enough.

**CAUTION**

Failure to install the LP Tank, Leak Test and do the Burner Flame Check.