



PGS LEGACY GAS GRILLS

PEDESTAL MOUNT
AND PORTABLE
CARTS ASSEMBLY
INSTRUCTION AND
OWNER MANUAL

Assembly, Installation & Use and Care Instructions for PGS Natural Gas Pedestal Item S27NPED, S27CART: S36NPED, S36CART

!!! Please read these instructions thoroughly before attempting to install the grill.

This product is designed for Outdoor Use Only.

Note: Please inspect this product at time of delivery to verify that there has been no damage in shipping. If shipping damage is detected please contact your shipper within 24 hours and proceed with a damage claim. AEI Corporation and its distributors, dealers, and resellers are not responsible for shipping damage.

California Proposition 65 Warning:

The burning of gas cooking fuels generates some by-products which are on a list of substances which are known by the State of California to cause cancer or reproductive harm. California law requires businesses to warn customers of potential exposure to such substances. To minimize exposure to these substances, always operate this appliance in accordance with our PGS Use and Care Guide ensuring you provide good ventilation when cooking with gas.

Thank you for purchasing a PGS all stainless steel mounting option for your PGS Gas Grill or Large Beverage Center. To ensure long term durability, this product has been made to commercial use standards and is made from Series 304 Stainless Steel. It includes all heavy-duty stainless components and stainless steel fasteners.

The PGS mounting option NPED is designed only for use with a PGS Grill equipped for **Natural Gas**. The Portable Cart option can be used for PGS Grills equipped for either Natural Gas or a 5 gallon Propane Tank.

Please DO NOT attempt to use or store a Propane Gas Cylinder inside our NPED enclosure. Never attempt to store a second cylinder inside any Gas Grill enclosure. DO NOT place a propane cylinder in this pedestal without the MDS door kit installed. The PEDESTAL mounting option is not approved for nor does it properly accommodate a standard 20lb propane cylinder. Attempting to use a 20LB cylinder with this mounting option will void all warranties and could create a very dangerous situation.

For propane installations we recommend using the PGS CART. Our carts are designed for portable use and you can permanently secure our propane cart by specifying our PGS be equipped with part# **409407** Feet Kit which includes a set of 4, 4" high Stainless-Steel feet to replace the standard wheels. 2" feet are available as well, # **409207**.

Options: Propane Tanks can be used with the Pedestal Mount if the Propane Gas cylinder is outside the enclosure or you option for the MDS (Door Kit) and tank ring in place of the front panel and cover plate. You need to access the tank valve.

Proper Positioning of the Pedestal & Grill: Before you attempt to permanently install the appliance the prevailing wind is very important to the safe and proper operation of the grill. The grill should be protected as much as possible from high winds. ***If there is a prevailing wind do not position the grill so that the rear vent of the grill is facing into the direction of the prevailing wind.*** Positioning the grill head with the rear vent facing into the wind can cause the grill to overheat as the flame from the burners will be pushed forward into the control panel. This will affect the performance and may cause damage to the grill's control panel and components.

The grill should be positioned so that the side of the grill is facing in the direction of the prevailing wind. Never use the grill unattended or in windy conditions over 7MPH. The cook will also appreciate that the heat and smoke should be blowing away from them. If the appliance is located in an area with consistently windy

conditions (by the ocean, mountain top, desert, etc.) a wind break will be required. If a wind break is installed it should be of a non-combustible material and positioned at least six inches higher than the top of the grill head and a minimum of 6" from the back of the grill lid when opened.

The grill should be installed on a firm level surface preferably constructed of a non-combustible material like concrete. Do not install the grill under unprotected combustible construction, plants, gazebos, tents, etc.

If after reading the PGS Grill Owner's Manual and these instructions you have any questions as to the proper installation or use of an outdoor gas burning product in your area please contact your local codes and enforcement office. We attempt to design our products so they are in compliance with all nationally recognized safety, testing and building standards such as ANSI Standard Z223.1 and/or the latest edition of the National Fuel Gas Code in the USA. Sometimes local areas have different requirements so please check prior to installing the product.

It is your responsibility that this product is installed in accordance with your local building codes and ordinances.

Clearances from Combustibles:

To Non-Combustible Construction: A minimum of 6" from the back of the grill with lid in the open position to noncombustible construction is required. Noncombustible materials include material that is not capable of being burned or ignited such as materials consisting of, or combination of steel, iron, brick, block, masonry, tile, concrete, slate, and plaster.

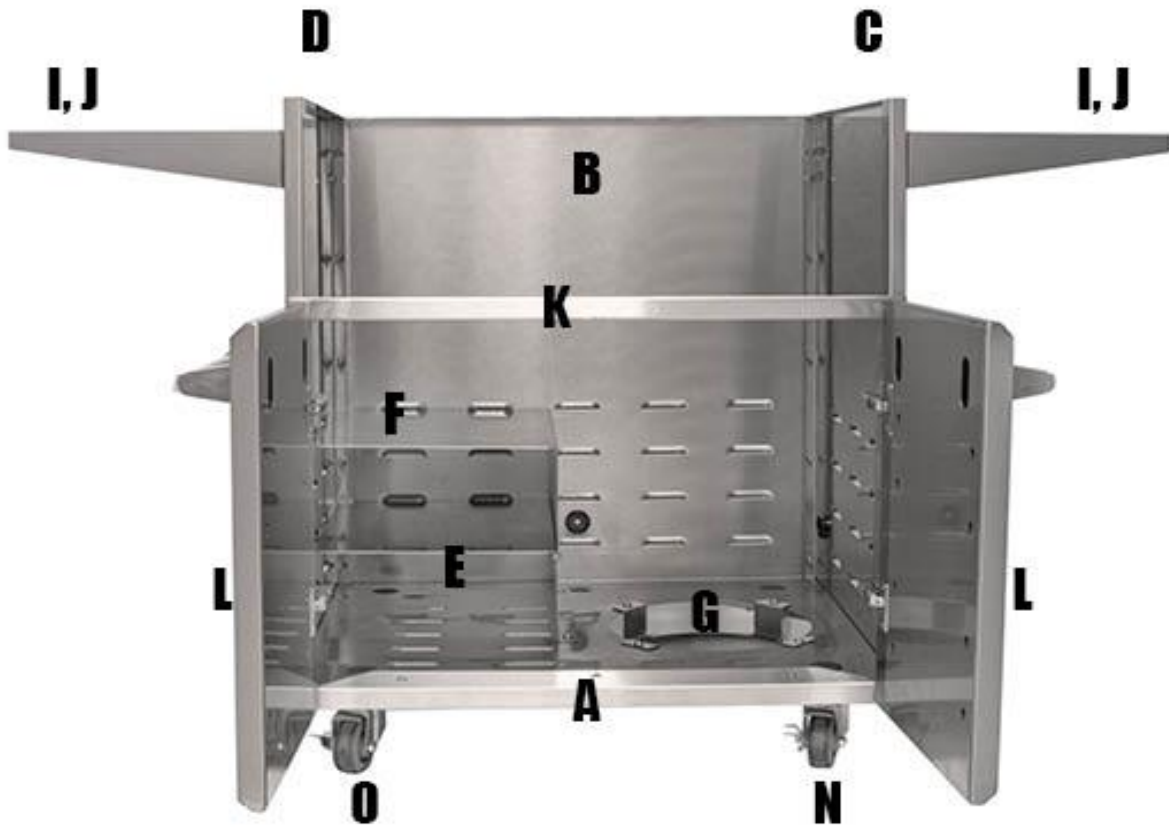
To Combustible Construction: A minimum of 30" between the grill head and any combustible materials is required. This includes above, below, and sides of the grill as all grill head surfaces produce heat.

Combustible materials include but are not limited to wood, plants, wood covered with stucco, compressed paper, plant fibers, cloth materials, vinyl and plastic or other materials that are capable of transferring heat or being ignited or burned. Such materials are considered "combustible" even though they may have been labeled as "flame proofed" or "fire retardant" treated. Or painted surfaces or plastered surfaces over wood studs.



**PGS BEVERAGE CENTER #SBCP
PGS SIDE BURNER #SBKLLP or #SBKLNG**

PGS NATURAL GAS PEDESTAL MOUNT #NPED



Not Pictured: H, M, P, Q

Key #	QTY	COMPONENT	S27NPED	S27CART	S36NPED	S36CART
a	1	36 BASE/ BOTTOM PANEL	427401	427401	436401	436401
b	1	36 BACK/ REAR PANEL	427403	427403	436403	436403
c	1	SIDE PANEL RIGHT	401104R	401104R	401104R	401104R
d	1	SIDE PANEL LEFT	401104L	401104L	401104L	401104L
e	1	INTERNAL SHELF BOTTOM (CARTS)		427445B		436445B
f	1	INTERNAL SHELF TOP (CARTS)		427445T		436445T
g	1	TANK RING BASKET (PROPANE GAS)		401444L		401444L
h	1	COVER DISC (NAT GAS) *1	401444N		401444N	
j	2	SIDE SHELF (FOLDING) *4	2)401408F	2)401408F	2)401408F	2)401408F
k	1	CROSS BRACE IN FRONT (PEDS)	427411		436411	
l	1	DOORS (CARTS)*5		MDSL30		MDSL39
m	1	FRONT PANEL (PEDS)*5	427406		436406	
n	2	4" WHEELS REAR SWIVEL *2 (CARTS)		409717		409717
o	2	4" WHEELS FRONT LOCKING *2 (CARTS)		409617		409617
p	4	FEET 4" STANDARD *2 (PEDS)	409407		409407	
q		FEET 2" OPTIONAL *2, *3 (PEDS)	409217		409217	
r	60	BOLT 1/4 x 20 x.5	401910	401910	401910	401910
s	10	SCREW 8-32 x .375 (DOORS)		401911		401911
t	4	GROMMET 1.5	401G10	401G10	401G10	401G10
u	4	VENTED PLUG 1.5	401V10	401V10	401V10	401V10
v	1	INSTRUCTIONS	PEDMAN	PEDMAN	PEDMAN	PEDMAN
	*1	Optional for Natural Gas Cart configuration				
	*2	Wheels and feet are interchangeable				
	*3	optional 2" feet available to reduce the height and assist ADA applications				
	*4	Folding shelves replaced fixed shelves 2021				
	*5	Doors and Front Panels are interchangeable				

Assembly instructions:

This product should be installed by a professional installer/plumber who is familiar with the installation of gas fueled outdoor appliances and has the ability to properly secure the pedestal.

1. Lay out a soft blanket or use the carton on the assembly area floor to work on. It will help to avoid scratching the stainless steel during the assembly
2. We have machined off the sharp edges but be careful and wear gloves while assembling.

To protect the metal from scratches a protective film was applied. Before attempting to assemble the mount please remove the plastic film from all corners of the pieces. It is more difficult to remove after it is assembled. Note: A wooden closet dowel can help roll the film off the larger lengths. A little easier on the hands. A Rolling pin works too. Just be careful not to scratch or dent, it takes time.



!!! Do not allow film to remain on the appliance or pedestal after assembly. Under sunny and warm conditions, the film will tend to strongly adhere to the stainless and will be very difficult to remove.

!!! DO NOT FORCE THREADS: The nut inserts and screws are stainless steel. Be patient if they bind. Gently work the screw back and forth or completely out and try it again. Often, it is the steel that you are securing that is binding on the screw and needs to be repositioned (wiggled).

We also recommend starting the screw by hand or using a screwdriver before applying a powered tool. When time comes to tighten, if you use a powered screw-driver, we recommend a chuck setting from 8-12 for best result. Over tightening can unseat a nut insert. Note: A common 1/4x20 nut will work fine in the unlikely event that does happen. Be careful.

Stand the base panel (a) on end with the back of the base panel up. The small hole for Natural gas inlet will be UP. Match the left side panel (d) to the 4 holes in the base. The vented louvers should all be facing left and small access hole up. Use your fingers to start the screws and leave them loose for now. The metal will align better and make the process easier at the finish.



Install right-side panel (c) to the base in the same way. Loose only at this time so the metal can move for alignment.

Install the rear panel to the assembly. The vented louvers face downward. Tighten all the screws so far to snug-tight. (setting is 8-12 on the chuck if so equipped).



Turn the assembly on its top so the base is up.

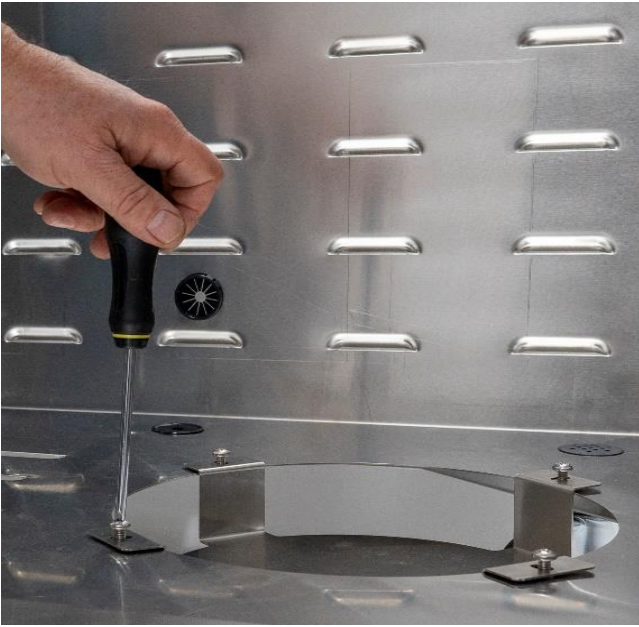


Install the **Locking** swivel caster wheels (o) to the **front** of the cart and the swivel casters (n) to the rear of the cart. OR, Install the (4) feet (p) for the Pedestal units. Do not tighten them until they are all installed. You can access the screws through the holes in the feet. You may need to gently manipulate the feet to get the screws completely tight. Tighten the feet or wheels after they are all started.

Make sure all the screws so far are snug and turn the enclosure onto its feet (wheels).

Tank Basket (g): Carts are equipped with a Tank Basket or Cover Disc (g or h) and Internal Shelves (e and f). Set the Tank Basket in place Use 4 screws to secure it.

NOTE: Before installing the internal shelves in the next step, install 1 of the GROMMETS (t) for the gas line access into the small hole in the back of the BASE PANEL (a).



Internal Shelves (e,f): Carts come equipped with internal shelves. Begin with the bottom shelf. Rest the louver support tabs into the second row of cart louvers on both the back and left sides. Attach that section to the base panel using 2 of the screws. Then rest the top shelf into the top row of louvers in a similar fashion and attach the top shelf to the bottom shelf with 2 screws.



CROSS BRACE (k): PEDESTALS ONLY

Install the cross brace (k) for the NPED only between the front of the side panels using (2) of the #8 x 32 screws(s), and tighten snug. It is okay if it moves in position. It is a spacer rather than a brace.



Securing the pedestal: (Optional) The pedestal can be secured using deck or masonry fasteners. Use the anchors and fasteners of your choice to secure the pedestal. You can use the center holes pre-punched in the feet as a template for drilling the holes for the anchors. You can access the anchor bolts through the base panel. We've tried to design a securing system that is easy for you to install but provides security for the grill and pedestal.

Install the 3 remaining gas hose **GROMMETS (t)**, 1 each into the side panels and rear panel. These 3 are installed from the outside of the enclosure so they appear flush on the outside. If you have already, or are not going to permanently bolt the pedestal to the ground then go ahead and install the **VENTED PLUGS (u)**. From the inside of the enclosure, install the vented plugs into the foot bolt access holes in the 4 corners of the base panel.

EXTERNAL SIDE SHELVES (i,j): Note: Both the CARTS and PEDASTALS are equipped with folding side shelves that easily bolt on directly to the side panels using 4 screws each. The folding shelf brackets are made with threaded studs and a 1/4x20 lock nut. Some commercial applications may appreciate the extra safety and theft deterrence of a more permanent installation, optional.



Connecting the Fuel Source: Our PGS natural gas grill heads are all pre-plumbed and leak tested with a CSA approved natural gas connector and regulator that is preset at 4.5" WC at the factory required for the appliance. **Please do not in any way attempt to modify this natural gas regulator or remove it from the gas**

connection provided. If you are running a line from a high-pressure gas source you may have to use an additional natural gas regulator to step down the pressure. No more than ½ psi should enter our regulator.

Since we do not know where the gas line will be positioned relative to the grill, we have provided several access holes for attaching the fuel source to the grill. Use the hose grommet for the fuel source access and the plugs for the others.

Please ensure installation complies with all local codes and ordinances required for this installation as they apply to connecting an outdoor gas appliance in your area. If you are not a licensed plumber, we highly recommend you check with your local building department, codes enforcement department or fire marshal to be sure that your installation will be in compliance with all local code requirements. **We take no responsibility for the improper installation of the product or running the fuel source to the appliance. Most cities and municipalities require an external gas shut off away from the appliance. If they do not, we recommend you do so.**

Once the pedestal is secured you can now install the grill head onto the pedestal assembly. To make the lifting of the grill head lighter and grill installation easier you can remove the cooking grids, rock grates, and/or Moon-Rok briquettes if so equipped. Even so, this is a 2-person lift. Carefully remove the grill head from the carton and gently place it onto the pedestal being careful to not damage or crush the flex connector and natural gas regulator when you place the head onto the pedestal mount. It's a tight fit by design so be patient.

Be careful when handling all components as there maybe sharp edges on the sheet metal components on the pedestal or grill head.

- 1) Lift the grill head and gently position it onto the pedestal. The grill head simply fits over the outside and back panels of the pedestal. It will be a snug fit. Be sure that the grill head fits down over the side and rear panels and is sitting level on the pedestal.
- 2) The fitting at the end of the flexible connector dropping down from the unit is a **3/8" Male brass flare fitting**. When you connect this to a gas connector with a 3/8" female flared fitting **no Teflon tape or other sealant is required**. The proper length approved valve/connector required to take you from your natural gas supply line to the unit are available at most major home centers, plumbing supply houses, or hardware and appliance stores. Simply connect flexible connector to 3/8" male flare at the base of the Natural Gas regulator. No pipe dope or sealant is required at these brass fittings.
- 3) Be sure to check all gas connections with a soapy solution, NEVER with an open flame, to be sure all connections are gas tight. If you see bubbles, tighten fittings and check them again. Make sure that you have removed all packing and protective film before first light. The first time the unit is fired there may be a little smoke from oils in the manufacturing process and is completely normal.

If you cannot find a suitable approved connector kit for a pedestal application our AEI item number (**Kit 48**) is ideal for common applications and includes a 48" flexible, coated stainless-steel gas line and shut off valve. For Natural Gas Portable Cart applications, we offer a 12' (**QD12, QDV12**) and 20-foot (**QD20, QDV20**) MB Sturgis quick connect hose kits from our inventory.

Note: The gas shut off valve is a safety shut off. It must remain OUTSIDE the enclosure in cases of emergency. A gas shut off valve must remain accessible a safe distance outside the pedestal.

FRONT PANEL (m): (Pedestals) When you have connected the proper connector and valve to the gas line and have done a leak test on the fittings you can now install the front panel. Please remove the grease tray from the lower part of the grill head if necessary, as this will allow you to easily install the front panel. Replace grease tray after engaging panel.

Install 4 screws into the front panel loosely, leaving a 1/8" gap between the screw head and the panel. This gap is to engage the keyhole slots in the front of the 2 side panels. There are 4 "keyhole" slots on the pedestal. Hold the front panel at each side and gently align the screws in the panel to the keyhole slots in the pedestal and let the panel slide down about ¼ inch to fully engage. Be sure that you have engaged the front panel at all four points on the pedestal. Be patient the panel is designed to be a tight fit when engaged.

DOORS (I): (Carts) Assemble the door handles to the doors first. The doors use the standard adjustable hinge. The hinges do easily detach from the frame if that makes it easier for you. That can also be helpful if you drop a screw into the door. It happens. There is a trick to make it easier to install the handles. Use the foam piece inside the MDS Doors kit to hold the handle in place so you can use both hands to hold and align the screws.



Align the holes in the inner flanges of the door frame to the #8 x 32 screw nut inserts in the side panels of the enclosure. Install 7 of the smaller screw. There are 2 holes that align in the sides and 3 along the bottom for 7 screws. If you have 3 extra those are spare. There is no attachment needed along the top.

Replace the rock grates, put the Moon Rok briquettes on the rock grates as shown in the grill head manual, place the cooking grids in the unit.

Please thoroughly review the Owner's Manual in the grill itself and be sure to leave both manuals with the owner of the grill after installation. Congratulations and you are ready to grill!

Care and cleaning of the grill and pedestal: Please refer to page 12 in the Grill Owner's Manual.

Warranty: Five Years -Structural Warranty. Please refer to page 23 in the Owner's Manual included with your PGS grill head for specifics warranty information.

Produced with Pride in the USA

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