



SUPPLYING DEMAND®

RANGE GAS PRESSURE REGULATOR

SD316091706

IMPORTANT: Unplug your appliance and turn off power at the breaker before servicing. 

Turn off gas valve at the wall 

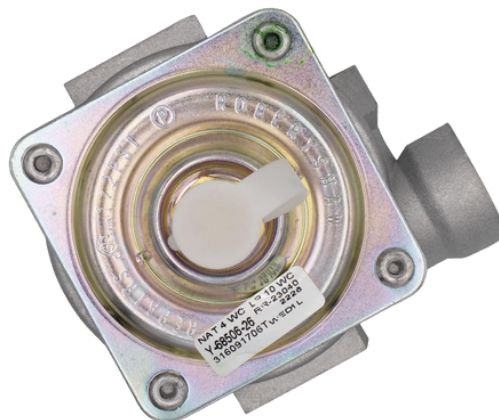
If you have doubts or are unfamiliar with this type of installation work, seek the services of a qualified Service Technician. Supplying Demand assumes no responsibility for the improper installation of this product.

TOOLS NEEDED:




- 1/4 Inch nut driver
- 9/16 Inch wrench
- Pliers
- Pipe thread sealant
- Leak detection solution

COMMON ISSUES:

- Low pressure
- Leaking



INSTALLATION INSTRUCTIONS

1. Carefully move the range away from the wall and unthread the gas supply line from the regulator on the back
 - a. This may require a second pair of pliers to hold the fitting or threaded pipe connecting the regulator to the supply line
2. Unscrew the pipe or fitting from the regulator counterclockwise and set it aside to be reused
3. Using the 9/16 inch wrench loosen the connections to remove the (2) gas lines from the regulator
4. Remove the screws holding the regulator bracket to the rear panel with the 1/4 Inch nut driver
 - a. Remove the screws holding the bracket to the regulator
 - b. Set all of the screws and bracket aside to be reused
5. Before installing the new regulator make sure the handle marked "DOWN FOR OFF" is flipped up to allow gas flow
6. Align the bracket with the mounting holes on the regulator and install the screws with the 1/4 inch nut driver
 - a. The holes on the regulator come unthreaded, but the mounting screws will cut new threads in the holes
 - b. These screws should have a smaller machined thread than the ones used to mount to the rear panel
7. *If the range has been converted from Natural Gas to Liquid Propane* the regulator insert will need to be flipped (See Reverse).
 - a. Remove the cap, unthread the insert, flip it over, thread the opposite end into the regulator and tighten before closing the cap. Be sure to keep the cap properly attached to the insert, it should not be removed permanently.
8. Align the regulator bracket with the mounting holes on the back panel and secure it with screws using the 1/4 nut driver
9. Carefully thread both gas lines into the regulator by hand then tighten with the 9/16 inch wrench
 - a. Take care not to over tighten the nuts
10. Install the fitting or pipe connecting the regulator to the gas supply line
 - a. Apply pipe thread sealant to the end of the fitting that screws into the regulator for a proper seal
 - b. Do not use pipe tape or sealant on any flare ends because you will not obtain a leak-free seal. The flare end of the fitting should be kept free of grease, oil and thread sealant.
11. Reattach the gas supply line to the regulator and tighten the connections
12. With power still disconnected  turn the gas supply on  to check for leaks
 - a. Apply a non corrosive leak detection solution that will produce bubbles if any leaks are present. Do NOT use matches, candles, open flame or other sources of ignition for leak testing.
 - b. Once you have confirmed all connections are secure and leak free move the range into place and restore the power supply 

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Remove the cap and unthread the insert.



Remove the cap from the insert. Flip the insert over and replace the cap on the flip side.



Rethread the insert with the flipped side down.



Replace the cap.