

This document applies to all ROOTS CL34 and CL38 regulators.



Warning Follow your company's standard operating procedures regarding the use of personal protection equipment (PPE). Adhere to guidelines issued by your company in addition to those contained in this document when installing or repairing natural gas regulators.

This product, as of the date of manufacture, is designed and tested to conform to all governmental and industry safety standards as they may apply to the manufacturer. The purchaser/user of this product must comply with all fire control, building codes, and other safety regulations governing the application, installation, operation, and general use of this regulator to avoid leaking gas hazards resulting from improper installation, startup or use of this product.

To ensure safe and efficient operation of this product, ROOTS strongly recommends installation by a qualified professional.

Recommended Tools and Materials

Tool Description

10" Pipe wrench

7/16" Deep well Socket & Ratchet

To Change the Main Spring:

1. Using pipe wrench, remove seal cap from main case.



2. Remove 7/16" nut from stop stem while holding down on one side of the spring guide plate. This plate will have pressure on it from the main spring that's in the reg.



Hold down on one side.

3. Once plate is removed, the main spring will be free to remove and replace with desired spring.



4. Place spring guide on top of the spring and compress the spring down enough for the stop stem to extend thru the plate. In order to hold the spring plate down, you will need to push on just one side of the plate which will lock the plate in to position to get the nut started.



5. Once nut has been started, tighten nut until it stops turning. Nut should be all the way down at this point.



6. Replace seal cap and assembly is complete.



Part Name	Part Number	Quantity
Closing Spring		1
Orange	762341	
Brown	762351	
Green	762353	
Black	762355	
Purple	762365	

ROOTS Regulators

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ROOTS Regulators Changing the Main Spring in CL34 & CL38
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