



REPAIR KITS - Service Valves

Quick Reference Guide For **REGO** Repair Kits

Make sure you are thoroughly trained before you attempt any valve repair or maintenance. Improper conditions or procedures can cause accidents resulting in property damage and personal injury.

Cylinder and Service Valves		
Part Number	Kit Number	Kit Contents
901 Series 903 Series 9106CO	903-50	Bonnet; stem and disc assembly; large handwheel; self-tapping screw
	903-51	Bonnet; stem and disc assembly; small handwheel; self-tapping screw
9101 Series 9107K8A	19100-50B	Bonnet; stem and disc assembly; small handwheel; self-tapping screw
	19104-50	Complete MultiBonnet assembly-bonnet assembly; handwheel; nameplate; self-tapping screw
3100 Series (Obsolete) 7100 Series (Obsolete)	3100-81K Conversion Kit	Bonnet and stem assembly; gasket (Conversion Assembly)
	3100-80A	Diaphragm; bonnet and stem assembly
	3100-80B	Diaphragm assembly, back seat; washer
9101P5 P5H	19100-50B	Bonnet; stem and seat disc assembly; large handwheel; self-tapping screw
	19101-50	Bonnet; stem and seat disc assembly; small handwheel; self-tapping screw

Valve Stems On 901, 9101 and 9103 Valves
Are machined with a double lead thread for quick opening and closing as well as high lift.

Forged Brass Body
Provides quick discharge of excess pressure. Relief seat disc is special resilient composition rubber.

Tapered Seat Openings On 9101 and 9103 Valves
Permit increased flow rates resulting in faster charging.

Back Seat On 901, 9101 and 9103 Valves
Is metal-to-metal seating to provide added protection against leakage while the valve is open. Back seat the valve while in operation.

O-Rings
For positive leak-proof seals under temperature and pressure variations.

Seat Disc
Is a tapered nylon in a fully confined seat to ensure easy, leak-free, positive shutoffs. Seat disc also provides a separate swivel action to minimize scoring by impurities.

WARNING: Under normal conditions, the useful safe service life of a pressure relief valve is 10 years from the original date of manufacture. However, the safe useful life of the valve may be shortened and replacement required in less than 10 years depending on the environment in which the valve lives. Inspection and maintenance of pressure relief valves is very important. Failure to properly inspect and maintain pressure relief valves could result in personal injuries or property damage.

Cap (907-12) for 907 Series Cylinder Valve

3162C-6

Design Features of the MultiBonnet®

19104-50

19104-80

19101-50

Handwheel
Aluminum die cast handwheel.

Non-Rising Stem
Designed to allow easy backseating and long service life.

Upper Packing Assembly
Contains both internal and external o-rings. Provides leak resistant performance.

Lower Bonnet and Stem Assembly
Machined brass construction offers durability to bonnet design.

External O-ring

Machined Double Lead Threads
Provides for quick opening and closing of the valve.

Shut-off Seat Disc
Tapered nylon disc is retained in a fully confined seat that helps ensure positive shut-offs.

Internal O-ring

Nameplate
Provides easy identification of the RegO MultiBonnet®.

Teflon Backseat
Provides for upper packing isolation when valve is fully open.

Features & Benefits

The MultiBonnet® is designed to allow quick and easy repair of bonnet packings in certain Multivalves® and service valves on active propane systems. It allows you to repair valve bonnet stem o-ring leaks in minutes, without interrupting gas service to your customers.

- Eliminates the need to evacuate tanks or cylinders to repair the MultiBonnet® packing.
- Two section design allows repair of MultiBonnet® assemblies on active propane systems without interruption in gas service or shutting off appliances downstream. This helps to prevent time consuming relighting of pilots, special appointments, and call backs.
- Cost of replacing the MultiBonnet® packing is only 1/3 as much as replacing a complete bonnet assembly—not including time cost savings, which can be substantial.
- Available on certain new Multivalves® and service valves as well as repair assemblies for many existing RegO® valves.
- UL listed as a component of valve assembly.

Here's How The MultiBonnet® Works

- When the valve is fully open, only the lower stem will rise and backseat against the teflon washer which isolates the upper packing.
- This allows you to remove the upper packing nut, which contains the o-rings, and replace it while the valve is fully open and gas service not interrupted.

Q. What valves can you use MultiBonnet® on as a replacement?

A. Any valve that has the letter "R" suffix designation and the following:
 6532A 6533A 6542A 6543A 7556VR G8475V
 G8475W 8555D 8593A 9101C 9101D 9300Y

Service Valve Repair Kits			
Figure No.	Part No.	Description	Fits Valve
1	3100-80A	Bonnet	RegO 3100 & 7100 Series
2	3100-80B	Seat	RegO 3100 & 7100 Series
3	3100-81K	Conversion assembly. Converts 3100-80A from diaphragm to "O" Ring Seal.	
4	8100-50	Bonnet	RegO 8100 Series
5	19101-50	Bonnet	RegO 9100 Series Forklift
6	19104-50	Bonnet	RegO 9100 Series
7	19104-80	Packing for 19104-50 multibonnet	
8	19100-50B	Bonnet	RegO 9100 Series
9	903-50	Bonnet	RegO 900 Series
10	7128-5	Dia. Assy	Old style 2400 & 2500 series multivalve



GAS EQUIPMENT COMPANY, Inc.

SINCE 1937

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