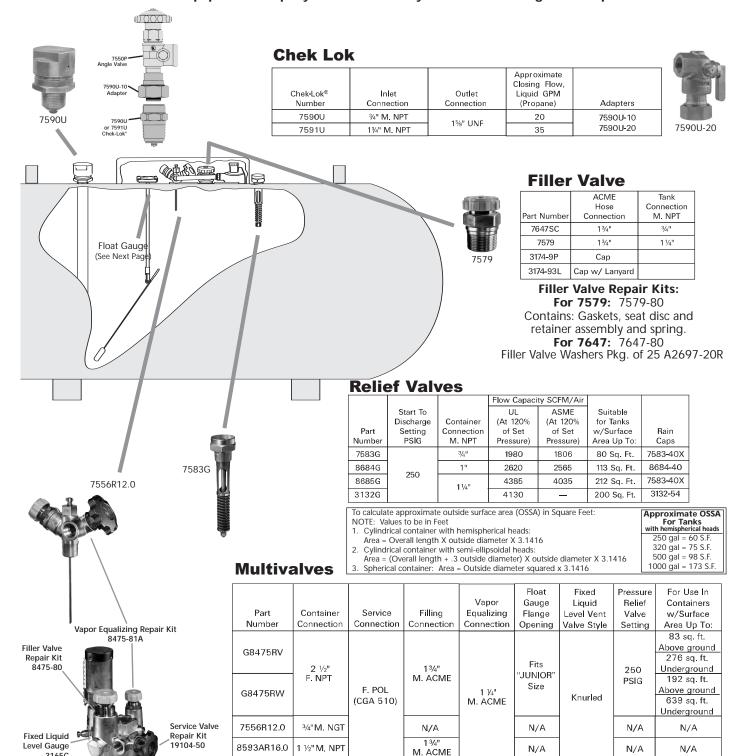
ASME Tank Refurbish

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

Tank configuration shown is appropriate for tanks built since the mid-1970's. If yours does not match, please call the Gas Equipment Company location nearest you and we will be glad to help.



Underground

Multivalve

G8475RW/RV

Service Valve Repair Kit for G8475RV, RW -7556R, 8593A — 19104-50 -

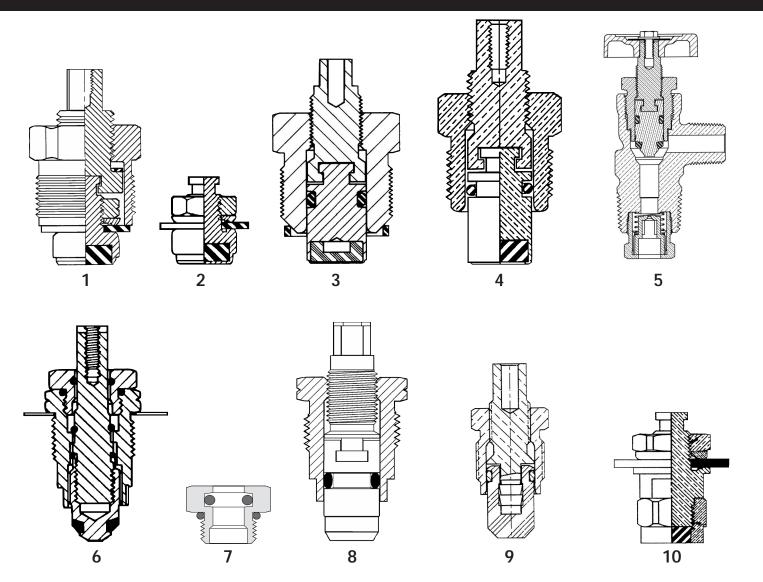
Contains: MultiBonnet assembly, handwheel, nameplate, and self-tapping screw.

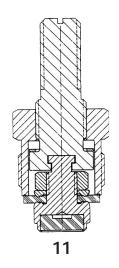
Service Valve Repair Kit Prior to 1962 — 8100-50 — Contains: Bonnet assembly.

Service Valve Repair Kit for 1470, 1480 Series, 2593/K, 2594/K Series —3100-81K —

Contains: Bonnet and stem assembly

3165C





	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		
11	7130BR-1	Bonnet	John Deere OEM		

Inlet Nipple Replacement Kits for LV4403 Series Regulators manufactured before 1999 and LV5503 Series Regulators manufactured before 2001				
Kit Number	For U	se On	Inlet Connection	Orifice
2503-12-80	LV55	03C9		7/32"
2503-16-80	LV5503B9		CGA 510	
4403-16-80	LV4403SR9V9 LV4403SR96	LV4403TR9V9 LV4403TR96	(POL)	1/4″
B4403-16-80	LV4403N4 LV4403SR4 LV4403TR9	LV4403UR4 LV4403V4 LV4403Y4VI	1/2"	174
B4403-20-80	LV4403B4 LV4403B46	LV4403B46R LV4403C4		#28 Drill
C4403-20-80	LV4403B66	LV4403B66R	3/4"	Drill

Inlet Nozzle Replacement Kits for LV4403 Series Regulators manufactured after 1999 and LV5503 Series Regulators manufactured after 2001				
Kit Number	For U	se On	Inlet Connection	Orifice Size
4403-16-80	LV4403SR9 LV4403SR96 LV4403TR9	LV4403TR96 LV4403UR9 LV4403V9	F. POL	
B4403-16-80	LV4403SR4 LV4403TR4 LV4403UR4	LV4403Y4 LV4403Y46R LV5503B4 LV5503BG4	1/2"	1/4"
B4403-20-80	LV4403B4 LV4403B46	LV4403B46R LV44036C4		#28 Drill
C4403-16-80	LV5503B6			1/4″
C4403-20-80	LV4403B66 LV4403B66R		3/4"	#28 Drill
C-5503-18-80	LV5503B8 LV5503Y6	LV5503Y8		9/32"

Multivalves - Bonnet Assemblies			
Part Number	Kit Number	Kit Contents	
6532D Series 6533D Series	903-50	Bonnet; stem & seat disc assembly; large handwheel; self-tapping screw	
6542D Series 6543D Series	903-51	Bonnet; stem & seat disc assembly; large handwheel; self-tapping screw	
6532A Series 6533A Series 6542A Series 6543A Series	19100-50B	Bonnet; stem and o-ring assembly; handwheel; self- tapping screw	
6555D Series 7556V Series 8555D Series 8555DL Series		Complete MultiBonnet	
6532R Series 6533R Series 6542R Series 6543R Series 6555R Series	19104-50	assembly-bonnet assembly; handwheel; nameplate; self- tapping screw	
7556R Series G8475R Series 8555R Series 8593AR16.0 Series 9101R Series	19104-80	Upper packing with seal rings - For MultiBonnet only	

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

Charging Manifolds			
Part Number Kit Number Kit Contents			
7177 Control Valve	7177-50	Diaphragm; gasket; o-ring; seat disc; washer	
7188 Master Cylinder	7188-50	Hydraulic fluid; o-rings; piston; spring; trip latch	

Check Connectors			
Part Number Kit Number Kit Contents			
7141M	7141M-50	Check assembly; gasket; o-ring; retaining ring	

Duoport and Multiport Relief Valve Manifolds			
Part Number	Kit Number	Kit Contents	
8542G AA8542 Series	8540-50	Bleeder valve assemblies; packing gland; set screw; washer; gasket; key	
A/AA8560 Series A/AA8570 Series	8560-50	Bleeder valve assemblies; seat ring assemblies; pressure seal rings; packing gland; jam ring; washer; gasket	

Multi Purpose and Transfer Valves			
Part Number	Kit Contents		
A8016D Series A8017D Series A8018D Series	A8016B-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer	
A8017DH A8018DH	A8017BH- 20R	Bonnet stem and seat disc assembly; gasket	

Multivalves - Filler Valve				
Part Number	Kit Number	Kit Contents		
6532 Series 6533 Series 6542 Series 6543 Series 8555 Series* *(Mfd. Oct. 1990 or before) 8555DL Series	6542B-50 w/ upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body		
	6542B-80 w/o upper body	Gaskets; spring; spring guide; stem and seat disc assembly		
6555 Series	8555-50 w/ upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body		
8555 Series* *(Mfd. after Oct. 1990)	8555-80 w/o upper body	Gaskets; spring; spring guide; stem and seat disc assembly		
G8475 Series 8596AR16.0	8475-50 w/ upper body	Gaskets; seat disc & retainer assembly; spring; upper body		
	8475-80 w/o upper body	Gaskets; seat disc & retainer assembly; spring		

Multivalves - Vapor Equalizing			
Part Number Kit Number Kit Contents			
7556V Series G8475 Series	8475-51A	Body; gaskets; spring; stem and seat disc assembly	
8593AR16.0	8475-81A	Gaskets; spring; stem and seat disc assembly	

Filler Valves				
Part Number	Kit Number	Kit Contents		
7547 Series (Obsolete)	7547B-80	Gaskets; spring; seat disc & retainer assembly		
6579 7579	7579-50 w/ upper body	Gaskets; seat disc & retainer assembly; spring; upper body		
	7579-80 w/o upper body	Gaskets; seat disc & retainer assembly; spring		
7647 Series	7647B-80	Gaskets; spring; seat disc & retainer assembly		

Filling Connectors		
Part Number	Kit Number	Kit Contents
71021/ 100	7193K-50	7193K-51 assembly; adjusting screw; nut; spring; tee
7193K-10B	7193K-51	Check body and disc assembly; gasket nipple tailpiece nipple; slip washer

Quick Acting Hose End Valves		
Part Number	Kit Number	Kit Contents
A 7707 C	A7707-50	Gaskets; groove pin; jam ring
A7707 Series A7708 Series	A7707-75	Bonnet assembly; packing; seat disc & retainer; stem; washers

Quick Acting Valves		
Part Number	Kit Number	Kit Contents
7554L Series	7554L-20	Pannat Assambly
7554S Series	7554S-20	Bonnet Assembly
7001 Carlas	7901T-50	Bonnet Assembly; gasket lever
7901 Series	7901T-80	Gasket; o-ring; seat retainer assembly
A7553A	A7553A-50	Gaskets; o-ring; roll pin; seat disc; spring; stem assembly

Springs Kits for Manual Internal Valves		
Part Number	Kit Number	Kit Contents
A3212A Series A3212R Series A3212 RT Series	A3212R- K105 A3212R-175 A3212RK- 250	
A3213A Series A3213T Series	A3213A- K150 A3213A- K200 A3213A- K300 A3213A- K400	O-ring; ID plate; spring

N	Manual Internal	Valves
Part Number	Kit Number	Kit Contents
A3209A	A3209A-50	Bearing; cam; gasket;
A3209R050 A3209R080	A3209R-50	main seat disc assembly; retaining ring; seal o-ring; seat disc
A3210A065	A3210A-50	Bushing; gasket; jam ring; main seat disc assembly; upper and lower retaining rings; o-ring; seal rings (2); seat disc
A3212A Series	A3212A-50	
A3212R Series A3212RT Series	A3212R-50	Bearing; cam; gasket; o-rings; seat disc; stem packing
A3213A Series A3213T Series	A3213A-50	pasiung
	A3217F-50	Dust seal; jam ring; stem o-ring; stem seals (3); stem spring; stem washer
A3217F Series	A3217F-80 O-Ring Flange	Cotter pin; dust seal; inner & outer stem bearing; jam ring; main & pilot seat disc; poppet seal o-ring; retaining ring; roll pins (2); seat o-ring; stem o-ring; stem seals (3); upper & lower flange seal o-ring; wear button
	A3217F-80G Gasket Flange	Dust seal; inner stem bearing; jam ring; lower flnage seal gasket; main seat disc; outer stem bearing; pilot seat disc; poppet seal o-ring; retaining ring; roll pin (2) seat o-ring; stem o-ring; stem seals (3); upper flange seal gasket; wear button
A3219F Series	A3219F-80 O-Ring Flange	Bumber; cotter pins (3); dirt seal; inner & outer stem bearing; lever release spring; main seat disc; poppet seat disc; pivot pin locknut; poppet bearing; seal gland gasket; seat seal o-ring; stem jam ring; stem o-ring; stem seal rings (3); stop screw; upper & lower flange seal o-ring
	A3219F-80G Gasket Flange	Bumber; cotter pins (3); dirt seal; inner & outer stem bearing; lever release spring; main seat disc; poppet seat disc; pivot pin locknut; poppet bearing; seal gland gasket; seat seal o-ring; stem jam ring; stem o-ring; stem seal rings (3); stop screw; upper & lower flange seal o-ring

Shut Off Valves		
Part Number	Kit Number	Kit Contents
TA7034LP TA7034P	TA7034-50	Gaskets; jam ring; o-ring; pressure seal rings; seat
A7505AP	A7505-50	disc; washer
A7506AP	7505A-20	Complete bonnet assembly
TA7505AP TA7506AP	TA7034-50	Gaskets; jam ring; o-ring; pressure seal rings; seat
A7507AP	A7507-50	disc; washer
A7508AP	7507A-20	Complete bonnet assembly
TA7507AP	TA7507-50	Gaskets; jam ring; o-ring;
A7509BP A7510BP	A7509-50	pressure seal rings; seat disc; washer
	7509B-20	Complete bonnet assembly
TA7509BP TA7510BP	TA7509B-50	Gaskets; jam ring; o-ring; pressure seal rings; seat
A7511AP	A7511-50	disc; washer
A7511FP A7512AP A7512FP	7511A-20	Complete bonnet assembly
TA7511AP TA7511FP TA7512AP TA7512FP	TA7511A-50	Gaskets; jam ring; o-ring; pressure seal rings; seat
A7513AP A7513FP A7514AP A7514FP	A7513-50	disc; washer
A7513AP A7514AP	7513A-20	Complete bonnet assembly
A7513FP A7514FP	A7513F-20	Complete bonnet assembly
TA7513AP TA7513FP TA7514AP TA7514FP	TA7513A-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washers
A7517AP A7517FP A7518AP	A7515-50	Gaskets; jam ring; o-ring; pressure seal rings; roll pin; seat disc; washers
A7518FP	A7515-20	Complete bonnet assembly
TA7517AP TA7517FP TA7518AP TA7518FP	TA7515A-50	Gaskets; jam ring; o-ring; pressure seal rings; roll pin; seat disc; washers
A7704 A7705 A7706	7705-50	Flange packing; friction washer; gaskets; seat disc
TA7894P	TA7894-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer

Flomatic Valves		
Part Number	Kit Number	Kit Contents
A7884 A7883F A7884F	A7883F-50	Stem assembly kit, bleeder assembly, cylinder cap screws, upper and lower piston cap screws, lock washers, filters, springs, block vee packing, X-seal, gaskets, O-rings, retaining ring, insert roll pin, screw, seal, cap
A7883F	A7883F-80	Retaining ring, seat disc,
A7884F	A7884F-80	insert, block vee packing, filters, x-seals, cylinder cap screws, O-rings, gaskets
A7883F	A7883F-150	V soal soat disa gaskata
A7884F	A7884F-150	X-seal, seat disc, gaskets

Vapor Return Valves		
Part Number	Kit Number	Kit Contents
7573A	7573A-81	Gaskets; spring; seat disc & retainer assembly

Pull-Away Couplings			
Part Number	Kit Number	Kit Contents	
A2141A6	A2141A6-50	O-ring	
A2141A6L	A2141A6M	Male coupling	
A2141A8	A2141A8-50	O-ring	
A2141A8L	A2141A8M	Male coupling	
A2141A10	A2141A10- 50	O-ring	
	A2141A10M	Male coupling	
A2141A16	A2141A16- 50	O-ring	
	A2141A16M	Male coupling	

Transfer Valves			
Part Number	Kit Number	Kit Contents	
7550P 7550PX 7555P	7550-15	Bonnet; retainer assembly; cap flange packing; bushing	
A7550P A7550PX A7555P	A7550-15	Bonnet; stem; seat disc retainer assembly; flange packing; bushing; cap	

Repair Kits - Service Valves

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

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

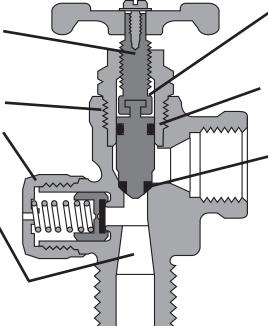
Pressure Relief

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

Part Number

Tapered Seat Openings On 9101 and 9103 Valves

Permit increased flow rates resulting in faster charging.



Kit Contents

assembly; small handwheel;

self-tapping screw

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.





901 Series	903-50	Bonnet; stem and disc assembly; large handwheel; self-tapping screw
903 Series 9106CO	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
		Bonnet; stem and seat disc

19101-50

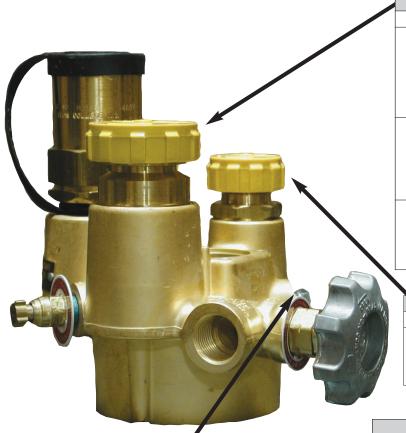
Cylinder and Service Valves

Kit Number

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.

Repair Kits - Multivalves, Filler, & Vapor Valves

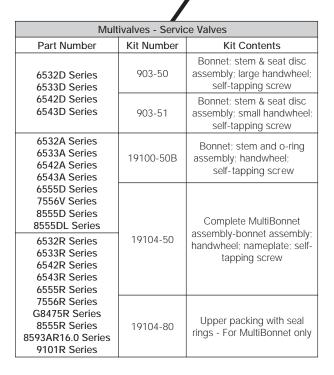
Make sure you are thoroughly trained before you attempt any ASME tank maintenance. Improper conditions or procedures can cause accidents resulting in property damage and personal injury.



Multivalves - Filler Valve			
Part Number	Kit Number	Kit Contents	
6532 Series 6533 Series 6542 Series	6542B-50 w/ upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body	
6543 Series 8555 Series* *(Mfd. Oct. 1990 or before) 8555DL Series	6542B-80 w/o upper body	Gaskets; spring; spring guide; stem and seat disc assembly	
6555 Series 8555 Series* '(Mrd. after Oct. 1990)	8555-50 w/ upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body	
	8555-80 w/o upper body	Gaskets; spring; spring guide; stem and seat disc assembly	
G8475 Series 8596AR16.0	8475-50 w/ upper body	Gaskets; seat disc & retainer assembly; spring; upper body	
0370AR 10.U	8475-80 w/o upper body	Gaskets; seat disc & retainer assembly; spring	

Multivalves - Vapor Equalizing				
Part Number	Kit Number	Kit Contents		
7556V Series G8475 Series 8593AR16.0	8475-51A	Body; gaskets; spring; stem and seat disc assembly		
	8475-81A	Gaskets; spring; stem and seat disc assembly		

Vapor Return Valves				
Part Number	Kit Number Kit Contents			
7573A	7573A-81	Gaskets; spring; seat disc & retainer assembly		





Seal cap made of tough, resilient molded plastic. Protects threads and internal working parts. Caps are designed to contain normal tank pressures, and must be kept on valves at all times

Long-wearing gasket permits hand-tight connection of cap and hose coupling.

• Seat disc of special synthetic composition is extra thick for longer life.

Valve guide is precision machined to assure positive seal.

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.

Repair Kits - Multivalves, Filler, & Vapor Valves (con't.)

Filler Valves					
Part Number	Kit Number	Kit Contents			
7547 Series (Obsolete)	7547B-80	Gaskets; spring; seat disc & retainer assembly			
6579 7579	7579-50 w/ upper body	Gaskets; seat disc & retainer assembly; spring; upper body			
	7579-80 w/o upper body	Gaskets; seat disc & retainer assembly; spring			
7647 Series	7647B-80	Gaskets; spring; seat disc & retainer assembly			

Spare Gasket Ordering Information			
ACME Part Number			
11/4"	A2797-20R		
1 ³ / ₄ " A2697-20R			
21/4" A3184-8R			
31/4"	A3194-8R		



Seal cap made of tough, resilient molded plastic. Protects threads and internal working parts. Caps are designed to contain normal tank pressures, and must be kept on valves at all times.

Long-wearing gasket permits hand-tight connection of cap and hose

Safety groove is designed to shear below the ACME thread, leaving the valve seats closed and unaffected if the delivery truck pulls away with the hose connected.

Seat disc of special synthetic composi-, tion is extra thick for longer life.

Valve guide is precision machined to assure positive seal.

Exclusive swing-away lower back check valve for extra fast filling is provided on Models 6579 and 6587. Differs from conventional design by swiveling to a vertical position when opened.

8475-50, -80

8475-50, -80

8475-51A, kit

8475-51A, kit

		Ob - I	to Mandati colore Donnata Donata				
Obsolete Multivalve Repair Parts							
Multivalve	Replaced by	Container	Repair Kits				
Part No.	Connection	Service Valve	Filler Valve	Vapor Equalizing			
1470LV, 1480V, 1470W, 1480W	G8475RV, G8475RW	2-1/2"M.	3100-80A, bonnet-diaphragm-stem 3100-80B, diaphragm, washer 3100-81K, conversion, bonnet assy.	1475-80, kit	2418-51, assy.		
2180	8555 for 200# Cyl, 6543 for 420# Cyl	3/4"	no repair parts available, replace due to age				
2418	G8475RV	2-1/2"F.	7128-5, diaphragm assy	n/a	2418-51, assy.		
2465, 2486	G8475RV	2-1/2"F.	7128-5, diaphragm assy	n/a			
2550	G8475RV	2-1/2"M.	7128-5, diaphragm assy	n/a	2418-51, assy.		
2555 Series	6532, 6533, 6542, 6543	3/4", 1"	replace due to age				
2557 Series	no replacement	1-1/2"	no repair parts available				
2577	6532, 6533, 6542, 6543	3/4", 1"	no repair parts available, replace due to age	İ			
2580, 2581	8555D/8555R	3/4"	no repair parts available				
2593, 2594	8593AR16.0	1-1/2"	3100-80A, bonnet-diaphragm-stem 3100-80B, diaphragm, washer 3100-81K, conversion, bonnet assy.	1475-80, kit	2418-51, assy.		
2593K, 2594K	8593AR16.0 not a direct replacement	1-1/2"	3100-80A, bonnet-diaphragm-stem 3100-80B, diaphragm, washer 3100-81K, conversion, bonnet assy.	1475-80, kit	2418-51, assy.		
6477A	n/a	2-1/2"M.	8100-50, bonnet assy., handwheel	8475-50, -80	8475-51A, kit		
6532D, 6533D, 6542D, 6543D		3/4", 1"	903-50 (lg), 903-51 (sm), kits	6542-50, -80			
7555	8555D/R	3/4"	replace due to age				
7556 mfg before 1962		3/4"	8100-50, bonnet assy., handwheel				
G8475 mfg before 1962		2-1/2"F.	8100-50, bonnet assy., handwheel	8475-50, -80	8475-51A, kit		
8477 mfg before 1962	G8475RV	2-1/2"F.	8100-50, bonnet assy,, handwheel	8475-50, -80	8475-51A, kit		
8484 mfg before 1962	no replacement*		8100-50, bonnet assy., handwheel		8475-51A, kit		
8484A	no replacement*		19100-50B/19104-50, kit		8475-51A, kit		
8555 mfg before 1962	8555D/R		no repair parts available, replace due to age				
8555S			903-50 (lg), 903-51 (sm), kits	6542B-50, -80			

8100-50, bonnet assy., handwheel

8100-50, bonnet assy., handwheel

19100-50B/19104-50, kit

8593K, 8594K

mfg before 1962 8594

8594/K

mfg after 1962

8593AR16.0

8593AR16.0

8593AR16.0

^{*}Tanks equiped with obsolete 8484 & 8484A series valve can be retained in service. Please call your local GEC Branch for information.