



















**Repair Kits and Service Parts - Spare Parts Kits**

	Description	Series	Kit Number	
<b>Bowls*</b>		Polycarbonate Bowl & Bowl Guard - Includes NBR Bowl Seal for Filters, Filter/Regulators and Lubricators (Electronic Liquid Level Indicator only)	651	M651AU434133001
			652	M652AU440511001
			653	M653AU507439001
		Polycarbonate Bowl & Bowl Guard - Includes NBR Bowl Seal for Lubricators	651	M651AU434133008
			652	M652AU440511008
			653	M653AU507439006
		Metal bowl without sight gauge. Includes NBR Bowl Seal	651	M651AU434133002
			652	M652AU440511002
			653	M653AU507439002
		Metal bowl without sight gauge. Includes FKM Bowl Seal	651	M651AU434133011
			652	M652AU440511011
			653	M653AU507439005
	Metal bowl with borosilicate (glass) sight gauge. Includes NBR Bowl Seal	651	M651AU434133004	
		652	M652AU440511004	
		653	M653AU507439004	
	Metal bowl with borosilicate (glass) sight gauge. Includes FKM Bowl Seal	651	M651AU434133015	
		652	M652AU440511015	
		653	M653AU507439013	
<b>High Pressure Bowls</b>		Metal bowl without sight gauge. Includes NBR Bowl Seal	653	M653AU507439002
		Metal bowl without sight gauge. Includes FKM Bowl Seal	653	M653AU507439005
		Metal bowl with borosilicate (glass) sight gauge. Includes NBR Bowl Seal	653	M653AU507439004
		Metal bowl with borosilicate (glass) sight gauge. Includes FKM Bowl Seal.	653	M653AU507439013
<b>High Flow Bowls</b>		Metal bowl without sight gauge. Includes NBR Bowl Seal. (Coalescing Filter and Filter/Regulator High Flow)	653	M653AU523308001
		Metal bowl without sight gauge. Includes FKM Bowl Seal. (Coalescing Filter and Filter/Regulator High Flow)	653	M653AU523308002

\* For lubricator replacement metal bowls, please also order bowl plug p/n M699AQ440512001. This is not required if the Electronic Liquid Level Indicator is used.

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## Repair Kits and Service Parts - Spare Parts Kits

	Description	Series	Kit Number
Drains	 Drain Plug Assembly. Provides an option to customers that do not want to use a bowl drain. Includes NBR Bowl Seal.	651 652 653	M699AQ440512001
	 Semi-Automatic/Manual Drain Assembly - with NBR seals. This normally open drain can be used as a manual drain or set to semi-automatic, which will drain the bowl upon a loss of system pressure. Drain material is plastic.	651 652 653	M699AQ440512002
	 Semi-Automatic/Manual Drain Assembly - with FKM seals. This normally open drain can be used as a manual drain or set to semi-automatic, which will drain the bowl upon a loss of system pressure. Drain material is plastic.	651 652 653	M699AQ440512007
	 Manual Stainless Steel Drain Assembly - with NBR seals. Provides the user with an alternative to the plastic semi-automatic drain.	651 652 653	M699AQ440512003
	 Manual Stainless Steel Drain Assembly - with FKM seals. Provides the user with an alternative to the plastic semi-automatic drain.	651 652 653	M699AQ440512008
	 Automatic Drain Assembly - Normally Open - with NBR seals. This drain uses a float that initiates the bowl to drain when the liquid rises. In addition, all fluid will drain when the pressure drops below 22 PSI. Drain material is brass. This drain can also be operated manually.	651 652 653	M699AQ501862001
	 Automatic Drain Assembly - Normally Closed - with NBR seals. When under pressure this drain uses a float that initiates the bowl to discharge when the liquid rises. When not under pressure the drain is closed. Drain material is brass. This drain can also be operated manually.	651 652 653	M699AQ501862002
 Pulse Drain - with NBR seals. The diaphragm in this drain pulses when there is a pressure differential such as a valve cycling or cylinder stroking downstream. This action flexes the diaphragm and allows the filter to discharge the entrapped water. This drain features an incorporated barbed fitting which fits 3/16 ID tubing for easy discharge of liquid and contaminant.	651 652 653	M699AQ440512015	
Bowl & Drain Assembly		651	M651AU514009001
		652	M652AU513311001
		653	M653AU514103001
Bowl Seal Kits		U-Cup Seal Kit (NBR Seals). Kit contains 10 U-Cup seals. This seal is used for all bowls.	
		651	M651AH507403001
		652	M652AH507085001
		653	M653AH514106001
		U-Cup Seal Kit (FKM Seals). Kit contains 10 U-Cup seals. This seal is used for all bowls.	
		651	M651AH507403002
Side Cover Kits		651	M651AY524218001
		652	M652AY524218002
		653	M653AY524218003




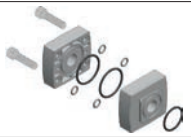
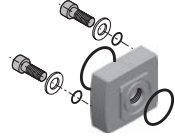
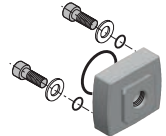

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**Repair Kits and Service Parts - Spare Parts Kits**

		Description	Series	Kit Number	Color
<b>Filter Elements</b>		5 Micron Particulate Filter Element	651	M651AE434063001	White
			652	M652AE433582001	
			653	M653AE439490001	
		25 Micron Particulate Filter Element	651	M651AE434063002	Yellow
			652	M652AE433582002	
			653	M653AE439490002	
		0.3 Micron Coalescing Filter Element	651	M651AE525276001	Green
			652	EKF22D	
			653	EKF32D	
		0.3 Micron Coalescing Filter Element (High Flow)	653	M653AE516209001	
		0.01 Micron Coalescing Filter Element	651	M651AE525276003	Red
			652	EKF22E	
			653	EKF32E	
		0.01 Micron Coalescing Filter Element (High Flow)	653	M653AE516209003	
		0.3 Micron Coalescing Filter Element - with 3 Micron pre-filter	651	M651AE525276002	Green
			652	EKF22DD	
			653	EKF32DD	
		0.3 Micron Coalescing Filter Element - with 3 Micron pre-filter (High Flow)	653	M653AE516209002	
		0.01 Micron Coalescing Filter Element - with 3 Micron pre-filter	651	M651AE525276004	Red
			652	EKF22ED	
653			EKF32ED		
	0.01 Micron Coalescing Filter Element - with 3 Micron pre-filter (High Flow)	653	M653AE516209004		
	Adsorber (Activated Carbon) Filter	651	EKF12F	White/Clear	
		652	EKF22F		
		653	EKF32F		
	Adsorber (Activated Carbon) Filter (High Flow)	653	M653AE516209005		

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## Repair Kits and Service Parts - Spare Parts Kits

	Description	Series	Kit Number		
	Body-to-Body Assembly Clamps (Includes NBR O-Ring). Clamp material is aluminum.	651	P651AT504958001		
		652	P652AT502466001		
		653	P653AT507291001		
	Body-to-Body Assembly Clamps (Include FKM O-Ring). Clamp material is aluminum.	651	P651AT504958003		
		652	P652AT502466003		
		653	P653AT507291003		
	Body-to-Body Assembly Clamps (Includes NBR O-Ring) and Wall/Panel Bracket Kit includes one bracket and two screws for attaching bracket to body clamp. Clamp material is aluminum.	651	P651AT535310001		
		652	P652AT535311001		
		653	P653AT535312001		
	Body-to-Body Assembly Clamps (Includes FKM O-Ring) and Wall/Panel Bracket Kit includes one bracket and two screws for attaching bracket to body clamp. Clamp material is aluminum.	651	P651AT535310002		
		652	P652AT535311002		
		653	P653AT535312002		
	End Plate Kit: Includes two end plates and body-to-body assembly clamps & O-Ring. End plate material is aluminum.	NBR O-Ring	1/4 ISO228/1-G	651	T651AT504959002
			1/2 ISO228/1-G	652	T652AT502468002
			1 ISO228/1-G	653	T653AT507292002
			1-1/4 ISO228/1-G	653	T653AT507292020
		FKM O-Ring	1/4 ISO228/1-G	651	T651AT504959008
			1/2 ISO228/1-G	652	T652AT502468008
			1 ISO228/1-G	653	T653AT507292008
			1-1/4 ISO228/1-G	653	T653AT507292026
	Panel Adapter P1 + P2 to mount 651 or 652 product on both side of the panel. Certified NEMA 1,4; IP66.	FKM O-Ring	not threaded	651	T651AT522204001
				652	T652AT519954001
	P2 Panel Adapter to connect P1 inlet to 651 or 652 product. Certified NEMA 1,4; IP66.	FKM O-Ring	1/4 ISO228/1-G	651	T651AT522204003
			1/2 ISO228/1-G	652	T652AT519954003
	P1 Panel Adapter to connect P2 outlet to 651 or 652 product. Certified NEMA 1,4; IP66.	FKM O-Ring	1/4 ISO228/1-G	651	T651AT522204005
			1/2 ISO228/1-G	652	T652AT519954005
	Kit Contains 10 O-Ring seals for body to body kit.	NBR O-Ring	651	M651AH536213001	
			652	M652AH536214001	
			653	M653AH536215001	
		FKM O-Ring	651	M651AH536213002	
			652	M652AH536214002	
			653	M653AH536215002	

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## Repair Kits and Service Parts - Spare Parts Kits

		Description	Series	Kit Number
No Gauge		No Gauge Cover Kit - NBR Seal. Includes gauge cover, screw and o-ring	651/652/653	M699AG503396001
		No Gauge Cover Kit - FPM Seal. Includes gauge cover, screw and o-ring	651/652/653	M699AG503396002
Integrated gauges*		Integrated Gauge - Series 651/652/653: 0-6 bar Scale with NBR seals	651/652/653	M699AG438047002
		Integrated Gauge - Series 651/652/653: 0-6 bar Scale with FPM seals	651/652/653	M699AG438047014
		Integrated Gauge - Series 651/652/653: 0-12 bar Scale with NBR seals	651/652/653	M699AG438047001
		Integrated Gauge - Series 651/652/653: 0-12 bar Scale with FPM seals	651/652/653	M699AG438047013
		Integrated Gauge - Series 653: 0-25 bar Scale with NBR seals	651/652/653	M699AG438047003
		Integrated Gauge - Series 653: 0-25 bar Scale with FPM seals	651/652/653	M699AG438047015
		Pressure Range Indicators (Red/Green) for low profile integrated gauges. Desired range can be easily set in the field. This kit allows customers to add the pressure range indicator to existing low profile integrated gauges in the field.	651/652/653	M699AG500179001
		Integrated Gauge with Pressure Range Indicators - 651/652/653 Series: 0-6 bar Scale with NBR seals	651/652/653	M699AG438047008
		Integrated Gauge with Pressure Range Indicators - 651/652/653 Series: 0-12 bar Scale with NBR seals	651/652/653	M699AG438047007
		Integrated Gauge with Pressure Range Indicators - 653 Series and Shut-off Isolation Valves: 0-25 bar Scale with NBR seals	651/652/653	M699AG438047009

\* Each of the Integrated and Round Gauges are dual scale. The scale that is listed in the description has the units located near the outside of the scale. The other units would be on the inside.

Note: For all pressure switches & round gauges that are added to the 651/652/653 series products in the field, a port plate is required. The port plate can be added at the time of order entry or as a kit.

**Repair Kits and Service Parts - Spare Parts Kits**

		Description	Series	Kit Number
<b>Digital Gauge</b>		Digital Pressure Gauge - 651/652/653 Series: 0-145 PSI Scale (User can change units: bar, MPa, Kg/cm <sup>2</sup> ) 1/8" ISO 7/1 Rc	<b>651/652/653</b>	M699AG504650002
<b>Round Gauges*</b>		Round Gauge - 0-4 bar 1/8 ISO 7/1 Rc and 40 mm Face Diameter	<b>651/652/653</b>	34300015
		Round Gauge - 0-10 bar 1/8 ISO 7/1 Rc and 40 mm Face Diameter	<b>651/652/653</b>	34300014
		Round Gauge - 0-12 bar 1/8 ISO 7/1 Rc and 40 mm Face Diameter	<b>651/652/653</b>	34300041
		Round Gauge - 0-25 bar 1/8 ISO 7/1 Rc and 50 mm Face Diameter	<b>651/652/653</b>	34200063
		Round Gauge - 0-4 bar 1/8 ISO 7/1 Rc and 50 mm Face Diameter	<b>651/652/653</b>	34200061
		Round Gauge - 0-12 bar 1/8 ISO 7/1 Rc and 50 mm Face Diameter	<b>651/652/653</b>	34200062
		Round Gauge - 0-16 bar 1/8 ISO 7/1 Rc and 50 mm Face Diameter	<b>651/652/653</b>	34200997
		Stainless Steel Round Gauge - 0-12 bar 1/8 ISO 7/1 Rc and 50 mm Face Diameter	<b>651/652/653</b>	34303242
<b>Port Plates</b>		Gauge Port Plate Assembly - 1/8 ISO 7/1 Rc	<b>651/652/653</b>	M699AG440510002
<b>Pressure Switch/Sensor</b>		DPS280 Pressure Switch/Sensor - NPN M8 with Cable 1/8 ISO 7/1 Rc	<b>651/652/653</b>	DPS280NRQ8
		DPS280 Pressure Switch/Sensor - PNP M8 with Cable 1/8 ISO 7/1 Rc	<b>651/652/653</b>	DPS280PRQ8

\* Each of the Integrated and Round Gauges are dual scale. The scale that is listed in the description has the units located near the outside of the scale. The other units would be on the inside.

Note: For all pressure switches & round gauges that are added to the 651/652/653 series products in the field, a port plate is required. The port plate can be added at the time of order entry or as a kit.

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**Repair Kits and Service Parts - Spare Parts Kits**

		Description	Series	Kit Number
Lubricator Repair Kits		Lubricator Dome Repair Kit - NBR seals. Includes dome cover, screw and O-Rings.	651 652 653	M699AY506842001
		Lubricator Dome Repair Kit - FKM seals. Includes dome cover, screw and O-Rings.	651 652 653	M699AY506842002
		Lubricator Level Switch assembly kit. Includes level switch, stainless steel retainer ring, O-Ring and bushing.	651 652 653	M699AG506837001
		Lubricator Bowl Plug assembly: Includes Lubricator bowl plug, stainless steel retainer ring and NBR O-Ring.	651 652 653	M699AQ440512001
Filter Kits		Particulate Filter Repair Kit - Includes the filter retainer, head baffle, lower end cap and bowl baffle.	651	M651AY570170001
			652	M652AY506833001
			653	M653AY514105001
		Differential Pressure Pop-Up Indicator (NBR Seals). This is used for the Coalescing Filters to provide visual indication when the filter element needs to be replaced.	651 652 653	M699AG439851001
			651 652 653	M699AG439851004
		DPI Plug (NBR Seals). This is used to plug the top port on the filter when a Differential Pressure Indicator is not used.	651 652 653	M699AG439851002
			651 652 653	M699AG439851005
	Electric Differential Pressure Indicator (NBR Seals). This is used for the Coalescing Filter only. It provides a contact that will actuate when the filter element needs to be replaced.	651 652 653	M699AG439851003	

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**Repair Kits and Service Parts - Spare Parts Kits**

		Description	Series	Kit Number
<b>Regulator &amp; Filter Regulator Kits</b>		Adjusting Screw Repair Kit - Includes adjusting screw, nut, washer and screw.	651	M651AY514012001
			652	M652AY506952001
			653	M653AY514104001
		Key Lockable Adjusting Screw Repair Kit - Includes adjusting screw, adjusting nut, flat washer and screw.	651	M651AY514012002
			652	M652AY506952002
			653	M653AY514104002
		Tamper Resistant Repair Kit - Includes adjusting screw, adjusting nut, flat washers and screws.	651	M651AY514012003
			652	M652AY506952003
			653	M653AY514104003
		Replacement Knob for Regulator or Filter/Regulators.	651	M651AY519042001
			652	M652AY519042003
			653	M653AY519042005
		Replacement Knob for the tamper resistant or key lockable Regulator or Filter/Regulators	651	M651AY519042002
			652	M652AY519042004
			653	M653AY519042006
		Poppet Repair Kit (NBR Seals): Includes poppet, stem & seals.	651	M651AY507175001
			652	M652AY506863001
			653	M653AY507270001
		Poppet Repair Kit (FKM Seals): Includes poppet, stem & seals.	651	M651AY507175002
			652	M652AY506863002
			653	M653AY507270002
		Diaphragm Assembly Repair Kit (Pilot Operated Regulator NBR Seals).	652	M652AH435268001
		Diaphragm Assembly Repair Kit (Pilot Operated Regulator FKM Seals).	652	M652AH435268002
		Diaphragm Assembly Repair Kit (Relieving Regulator NBR Seals)	651	M651AH504954001
			652	M652AH434213001
			653	M653AH502120001
		Diaphragm Assembly Repair Kit (Relieving Regulator FKM Seals)	651	M651AH504954002
			652	M652AH434213002
653			M653AH502120002	
	Diaphragm Assembly Repair Kit (Non-relieving Regulator NBR Seals)	651	M651AH504954003	
		652	M652AH434213003	
		653	M653AH502120003	
	Diaphragm Assembly Repair Kit (Non-relieving Regulator - FKM Seals)	651	M651AH504954004	
		652	M652AH434213004	
		653	M653AH502120004	
	Main Spring (3 bar)	651	M651AY514010001	
		652	M652AY513313001	
		653	M653AY516711001	
	Main Spring (4 bar)	651	M651AY504691001	
		652	M652AY438708001	
		653	M653AY516710001	
	Main Spring (8 bar)	651	M651AY504692001	
		652	M652AY438709001	
		653	M653AY516709001	
	Main Spring (10 bar)	651	M651AY514011001	
		652	M652AY513314001	
		653	M653AY516708001	


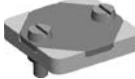
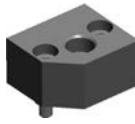
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## Repair Kits and Service Parts - Spare Parts Kits

		Description	Series	Part/Kit Number
3/2 Slow Start/Quick Exhaust Valve Kits		Horizontal Solenoid Operator (190) - With Impulse Manual Operator	651 652	19090017
		Horizontal Solenoid Operator (190) - Without Manual Override	651 652	19090005
		24 VDC coil with 3 Pin M12 Connection, for 190 Pilot Horizontal Solenoid Operator	651 652	43005525
		24 VDC coil with DIN Spade connection for 190 Pilot Horizontal Solenoid Operator	651 652	43004473
		120 VAC coil with DIN Spade connection for 190 Pilot Horizontal Solenoid Operator	651 652	43004471
		24 VAC coil with DIN Spade connection for 190 Pilot Horizontal Solenoid Operator	651 652	43004469
		240 VAC coil with DIN Spade connection for 190 Pilot Horizontal Solenoid Operator	651 652	43004472
		DIN Connector, without LED - 190 Pilot Horizontal Solenoid Operator	651 652	88122602
		DIN Connector, with LED, for 24 VAC/DC coil - 190 Pilot Horizontal Solenoid Operator	651 652	88122603
		DIN Connector, with LED, for 120 VAC coil - 190 Pilot Horizontal Solenoid Operator	651 652	88122605
	DIN Connector, with LED, for 240 VAC coil - 190 Pilot Horizontal Solenoid Operator	651 652	88122608	
		Vertical Solenoid Operator (189) - Without Manual Override	651 652	18990007
		24 VDC coil with 3 Pin M12 Connection, for 189 Pilot Vertical Solenoid Operator	651 652	43005523
		24 VDC coil with DIN Spade connection for 189 Pilot Vertical Solenoid Operator	651 652	43004166
		120 VAC coil with DIN Spade connection for 189 Pilot Vertical Solenoid Operator	651 652	43004419
		24 VAC coil with DIN Spade connection for 189 Pilot Vertical Solenoid Operator	651 652	43004416
		240 VAC coil with DIN Spade connection for 189 Pilot Vertical Solenoid Operator	651 652	43004422
		DIN Connector, without LED - 189 Pilot Vertical Solenoid Operator	651 652	88122404
		DIN Connector, with LED, for 24 VAC/DC coil - 189 Pilot Vertical Solenoid Operator	651 652	88122405
		DIN Connector, with LED, for 120 VAC coil - 189 Pilot Vertical Solenoid Operator	651 652	88122407
DIN Connector, with LED, for 240 VAC coil - 189 Pilot Vertical Solenoid Operator		651 652	88122410	





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**Repair Kits and Service Parts - Spare Parts Kits**

		Description	Series	Part/Kit Number
<b>3/2 Slow Start/ Quick Exhaust Valve Kits</b>		Horizontal Solenoid Operator (192) - With Impulse Manual Operator	653	19291012
		Horizontal Solenoid Operator (192) - Without Manual Override	653	19291010
		24 VDC coil with 3 Pin M12 Connection, for 192 Pilot Horizontal Solenoid Operator	653	43005664
		24 VDC coil with DIN Spade connection for 192 Pilot Horizontal Solenoid Operator	653	43005642
		115 VAC/120 VAC coil with DIN Spade connection for 192 Pilot Horizontal Solenoid Operator	653	43005617
		24 VAC coil with DIN Spade connection for 192 Pilot Horizontal Solenoid Operator	653	43005604
		230 VAC/240 VAC coil with DIN Spade connection for 192 Pilot Horizontal Solenoid Operator	653	43005627
		DIN Connector, without LED - 192 Pilot Horizontal Solenoid Operator	653	88122602
		DIN Connector, with LED, for 24 VAC/DC coil - 192 Pilot Horizontal Solenoid Operator	653	88122603
		DIN Connector, with LED, for 115 VAC/120 VAC coil - 192 Pilot Horizontal Solenoid Operator	653	88122605
		DIN Connector, with LED, for 230 VAC/240 VAC coil - 192 Pilot Horizontal Solenoid Operator	653	88122608
<b>Jumper Plate Kit</b>		Jumper Plate Kit: For Air Operated Internally Piloted 3/2 Slow Start-QE Valve	651 652 653	M699AY513316001
<b>Pilot Port Plate</b>		Pilot Port Plate: For Air Operated Externally Piloted 3/2 Slow Start-QE Valve, 1/8 ISO 7/1 Rc	651 652 653	M699AY513318001
		Pilot Port Plate: For Air Operated Externally Piloted 3/2 Slow Start-QE Valve, 1/8 NPTF	651 652 653	M699AY513318002

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**Accessories**

		Description	Series	Part Number
<b>Scissor Lock</b>		Scissor Lock for Shut Off Isolation Valve & Lockout Valve	651 652 653	VB-1
<b>Mufflers/Silencers</b>		Metal Muffler – G 1/4 (Shut Off Isolation Valves & Slow Start/Quick Exhaust Valves)	651 652	M2MB
		Metal Muffler – G 3/8 (Shut Off Isolation Valves & Slow Start/Quick Exhaust Valves)	653	M3MB
		Metal Muffler – G 1/2 (Slow Start/Quick Exhaust & Lockouts)	652	M4MB
		Metal Muffler – G 1 (Slow Start/Quick Exhaust & Lockouts)	653	M6MB
		Polyethylene Muffler – G 1/4 (Shut Off Isolation Valve)	651 652	34600407
		Polyethylene Muffler – G 3/8 (653 - Shut Off Isolation Valve)	653	34600408
<b>Key Locking Device</b>		Key Lock for Regulator and Filter/Regulator supplied separately with 2 keys	651 652 653	M699AY438663001