

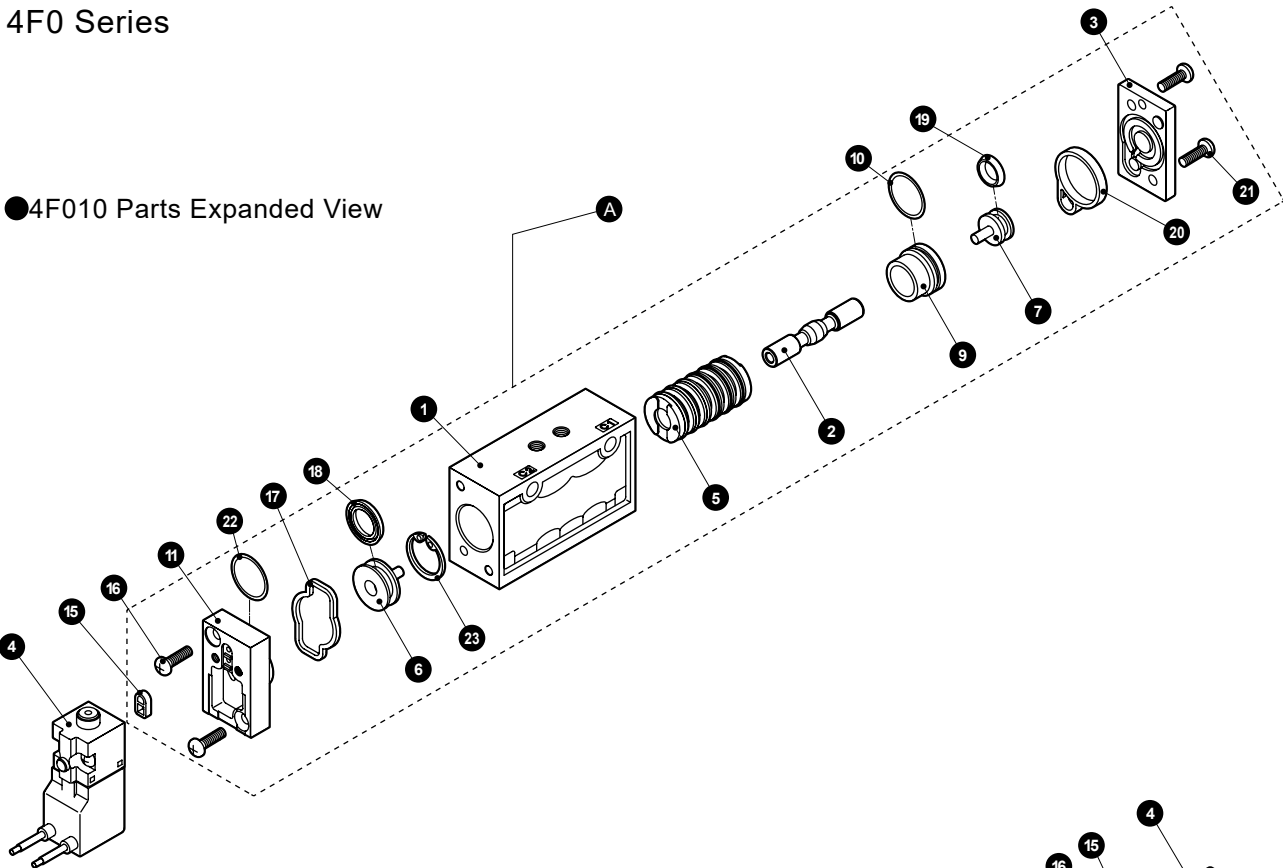


Single valve/body piping
Pilot operated 5-port pneumatic valve

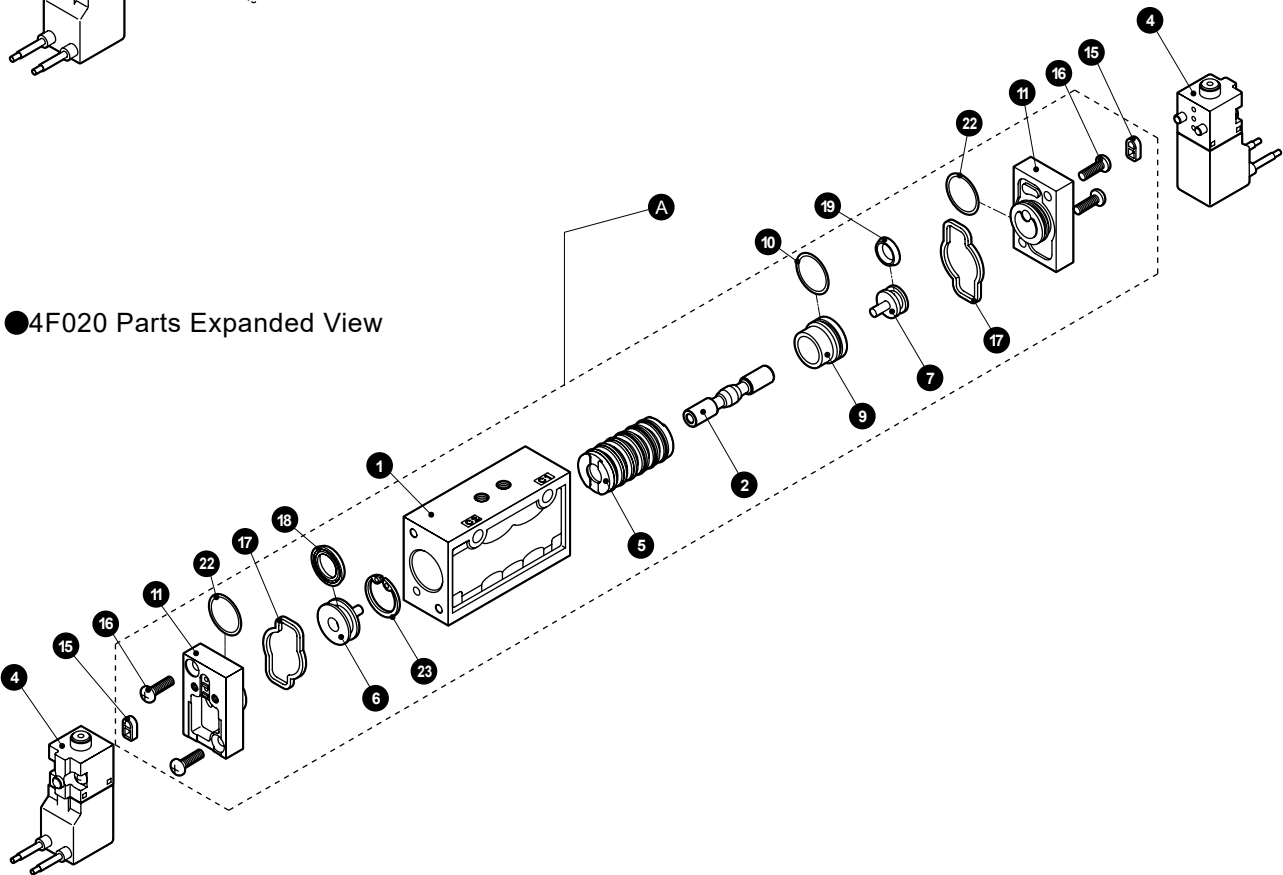
4F0/1/2/3 Series

4F0 Series

4F010 Parts Expanded View



4F020 Parts Expanded View



Consumable parts

Part name	Part model No.	No.	Quantity
Consumable parts kit	A4F010-K	6 18	1
	4F020-K	5	
		7 19	
Sealant assembly	4F9-126	5	1
Piston assembly (A) large	4F9-124	6 18	1
Piston assembly (B) small	4F9-125	7 19	
Spool	4F0-SPOOL	2	1
Cylinder (O-ring included)	4F0-CYLINDER	9 10	1
Gasket kit	A4F010-GASKET-KIT	15	1
		17 22	
		20	
Gasket kit	4F020-GASKET-KIT	15	2
		17 22	
Dust cover for M4 manual override (Rubber cap)	4F1-M4-DST-PRF-COVER	-	1
Pilot check valve	4F0-PILOT-KIT	15	1
		16	2
		11 17 22	1
Cap (4F010)	4F0-CAP-KIT	3	1
		20	1
		21	2
Body assembly	A4F010	M5	A
		Rp1/8	
Note)Gasket/ Screw included	4F020	M5	A
		Rp1/8	

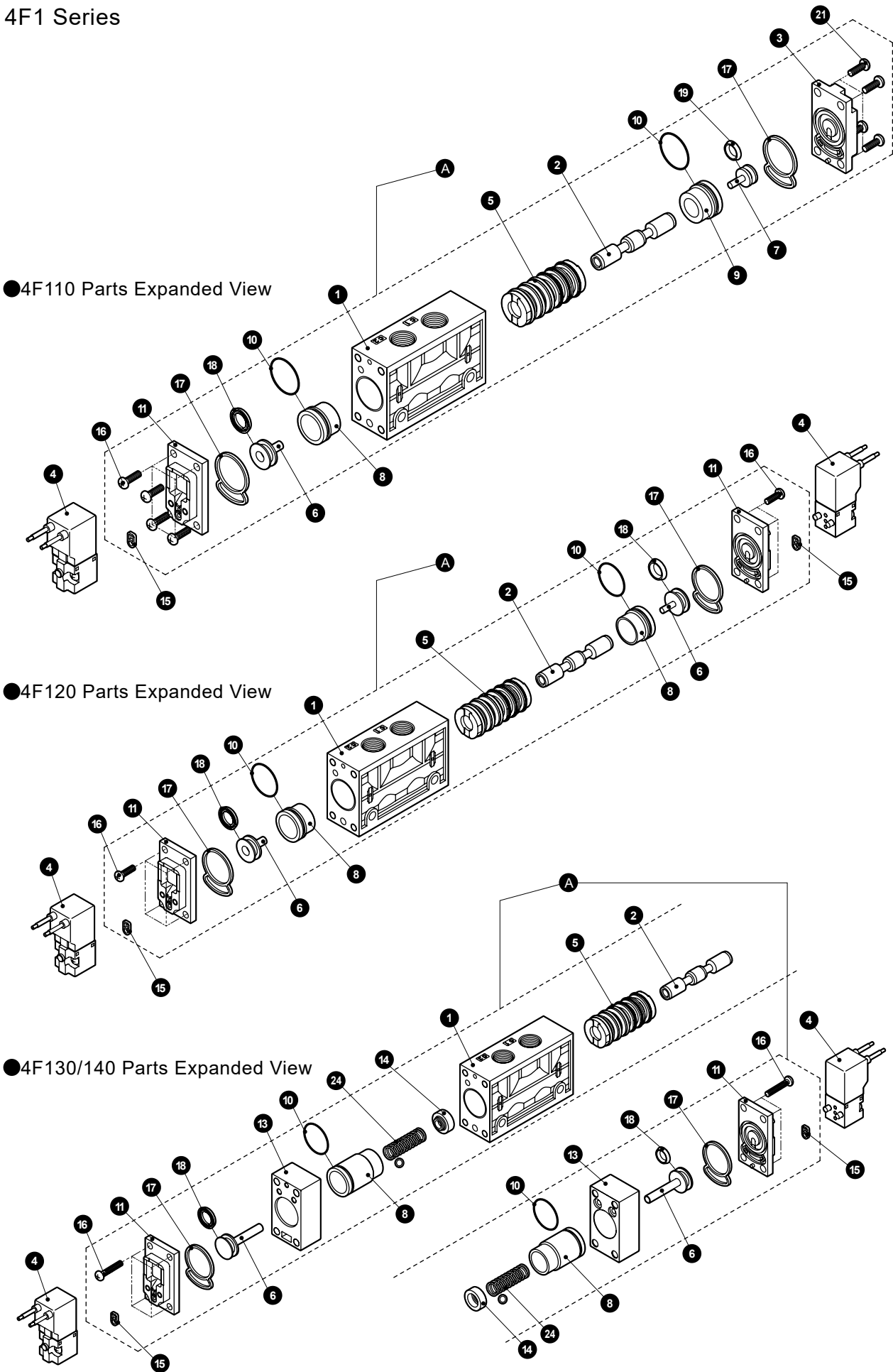
Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F0-MOUNT-PLATE-KIT-P	-	1
	4F0-MOUNT-PLATE-KIT-P1		
Hexagon socket plug (With sealant)	4F9-PLUG-R1/8	-	1
Packing box/label	[Full model number]-PB-KIT	-	1

Coil

Part name	Part model No.	Quantity
4F0 grommet lead wire coil	4F9-P5132-MOE- Voltage	1
Compact lamp for L DIN terminal box coil Pg7 Note)DC is Built-in surge suppressor	4F9-P5132-MOL- Voltage	1
	4F9-P5132-MOLS- Voltage	1
Connector coil for C (With lead wire 300mm) Note)by voltage Lead wire color changes.	4F9-P5132-MOC- Voltage	1
	4F9-P5132-MOC1- Voltage	1
For C2 Connector coil (Lamp surge suppressor integrated lead wire 300mm)	4F9-P5132-MOC2- Voltage	1
	4F9-P5132-MOC3- Voltage	1
Connector coil for D (With lead wire 300mm) Note)Color of the lead wire varies depending on the voltage.	4F9-P5132-MOD- Voltage	1
	4F9-P5132-MOD1- Voltage	1
For D2 Connector coil (Lamp surge suppressor integrated lead wire 300mm)	4F9-P5132-MOD2- Voltage	1
	4F9-P5132-MOD3- Voltage	1

4F1 Series

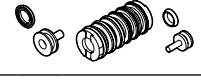
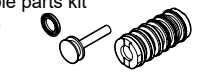
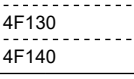
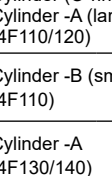
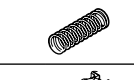
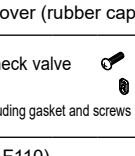
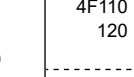
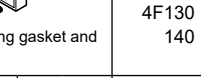
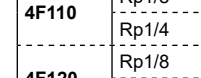
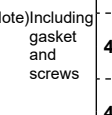


4F110 Parts Expanded View

4F120 Parts Expanded View

4F130/140 Parts Expanded View

Consumable parts

Part name			Part model No.	No.	Quantity	
Consumable parts kit 4F110 			4F110-K	618 5 719	1	
Consumable parts kit 4F120 			4F120-K	618 5	2 1	
Consumable parts kit 4F130/140 			4F130-K	618 5	2 1	
Sealant assembly 			4F9-112	5	1	
Piston assembly (A) large (4F110/120) 			4F9-110	618	1	
Piston assembly (B) small (4F110) 			4F9-111	719	1	
Piston assembly (A) (4F130/140) 			4F9-159	618	2	
	4F110/120		4F110-SPOOL	2	1	
	4F130		4F130-SPOOL			
	4F140		4F140-SPOOL			
Cylinder (O-ring included) Cylinder -A (large) (4F110/120) 			4F110-CYLINDER-A	810	1	
Cylinder -B (small) (4F110) 			4F110-CYLINDER-B	910	1	
Cylinder -A (4F130/140) 			4F130-CYLINDER-A	810	1	
			4F110-GASKET-KIT	15 17	1 2	
			4F120-GASKET-KIT	15 17	2 2	
			4F130-GASKET-KIT	15 17	2 2	
Spring (4F130/140) 			4F130-SPRING	24	1	
M4 manual override Dust cover (rubber cap) 			4F1-M4-DST-PRF-COVER	-	1	
Pilot check valve 			4F1-PILOT-KIT	15 16 1117	1 4 1	
Note)Including gasket and screws						
Cap (4F110) 			4F1-CAP-KIT	3 17 21	1 1 4	
Note)Including gasket and screws						
		4F110 120	4F110-R-KIT	-	1	
		4F130 140	4F130-R-KIT	-	1	
Body assembly Note)Including gasket and screws		4F110	Rp1/8	4F110-06-BODY-ASSY	A	1
			Rp1/4	4F110-08-BODY-ASSY		
		4F120	Rp1/8	4F120-06-BODY-ASSY		
			Rp1/4	4F120-08-BODY-ASSY		
		4F130	Rp1/8	4F130-06-BODY-ASSY		
			Rp1/4	4F130-08-BODY-ASSY		
		4F140	Rp1/8	4F140-06-BODY-ASSY		
			Rp1/4	4F140-08-BODY-ASSY		

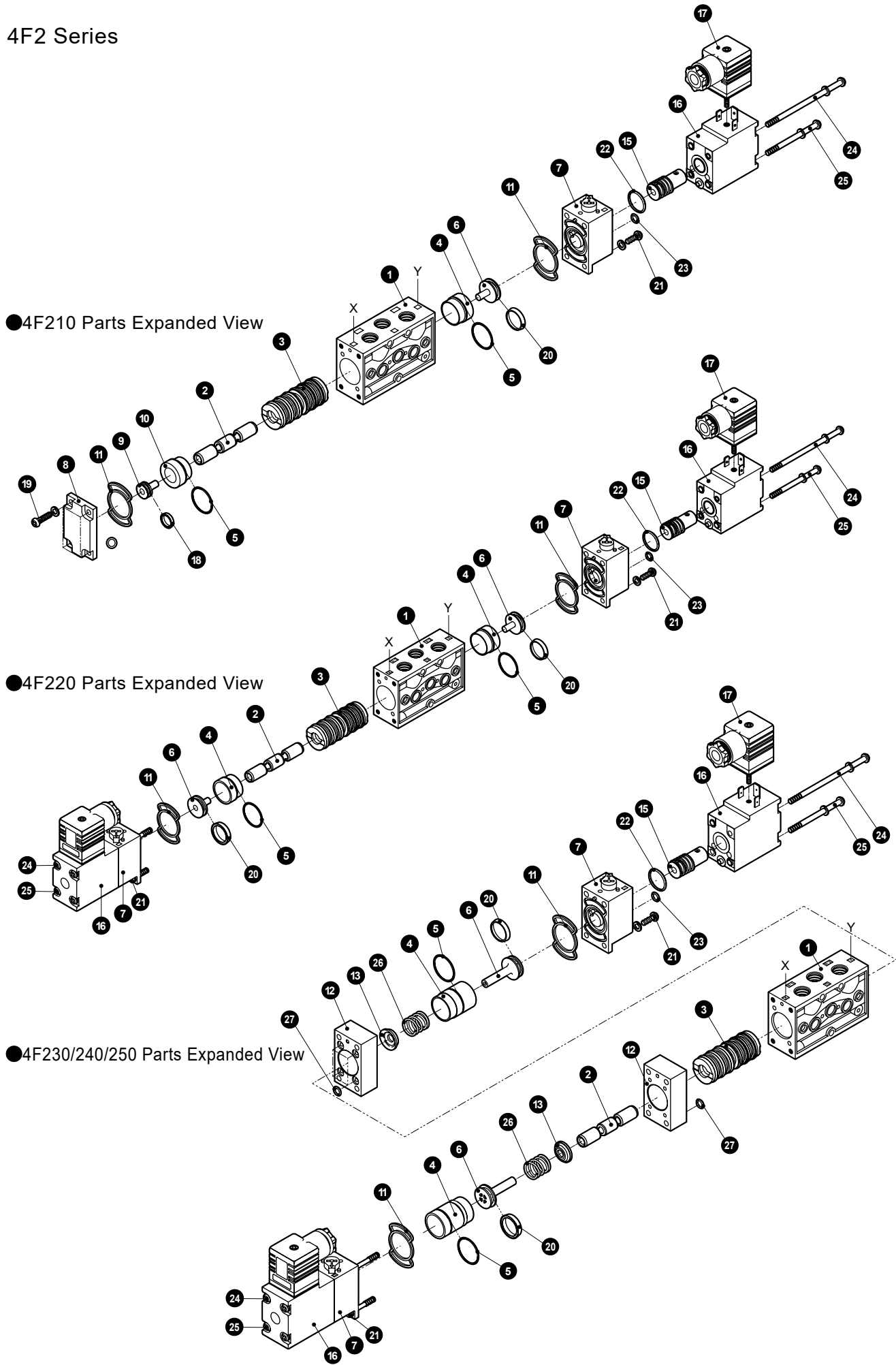
Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F1-MOUNT-PLATE-KIT-P	-	1
Mounting plate (P1)	4F1-MOUNT-PLATE-KIT-P1	-	1
Hexagon socket plug (With sealant)	4F9-PLUG-R1/8 4F9-PLUG-R1/4	-	1
Packing box/label	[Full model number]-PB-KIT	-	1
Check valve	AC-8A	-	1

Coil

Part name	Part model No.	Quantity
4F1 grommet lead wire coil	4F9-P5132-MOE- Voltage	1
4F1 Compact terminal box coil	4F9-P5132-MOB- Voltage	1
Compact lamp for L DIN terminal box coil	4F9-P5132-MOL- Voltage	1
Compact lamp for LS DIN terminal box coil	4F9-P5132-MOLS- Voltage	1
Connector coil for C (With lead wire 300mm)	4F9-P5132-MOC- Voltage	1
For C1 Connector coil (Without lead wire)	4F9-P5132-MOC1- Voltage	1
For C2 Connector coil (Lamp surge suppressor integrated lead wire 300mm)	4F9-P5132-MOC2- Voltage	1
For C3 Connector coil (Lamp surge suppressor integrated without lead wire)	4F9-P5132-MOC3- Voltage	1
Connector coil for D (With lead wire 300mm)	4F9-P5132-MOD- Voltage	1
For D1 Connector coil (Without lead wire)	4F9-P5132-MOD1- Voltage	1
For D2 Connector coil (Lamp surge suppressor integrated lead wire 300mm)	4F9-P5132-MOD2- Voltage	1
For D3 Connector coil (Lamp surge suppressor integrated without lead wire)	4F9-P5132-MOD3- Voltage	1

4F2 Series



4F210 Parts Expanded View

4F220 Parts Expanded View

4F230/240/250 Parts Expanded View

Consumable parts

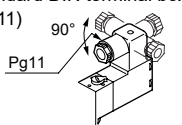
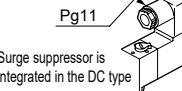
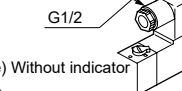
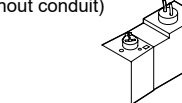
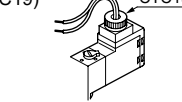
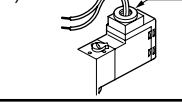
Part name		Part model No.	No.	Quantity
Consumable parts kit 4F210		4F210-K	6 20	1
			3	
			9 18	
Consumable parts kit 4F220		4F220-K	6 20	2
			3	
Consumable parts kit 4F230/240		4F230-K		1
Sealant assembly		4F9-105	3	1
Piston assembly (A) large (4F210/220)		4F9-101	6 20	1
Piston assembly (B) small (4F210)		4F9-102	9 18	1
Piston assembly (A) (4F230/240)		4F9-113	6 20	2
Spool		4F210/220 4F210-SPOOL	2	1
		4F230 4F230-SPOOL		
		4F240 4F240-SPOOL		
Cylinder -A (large) (O-ring included) (4F210/220)		4F210-CYLINDER-A	4 5	1
Cylinder -B (small) (O-ring included) (4F210)		4F210-CYLINDER-B	10 5	1
Cylinder -A (large) (O-ring included) (4F230/240)		4F230-CYLINDER-A	4	1
			5	2
Gasket kit (4F210)		4F210-GASKET-KIT	22	1
			23	1
			11	2
Gasket kit (4F220)		4F220-GASKET-KIT	22	2
			23	2
			11	2
Gasket kit (4F230/240)		4F230-GASKET-KIT	22	2
			23	2
			11	2
			27	8
Spring (4F230/240)		4F230-SPRING	26	1

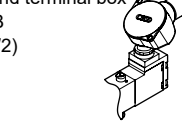
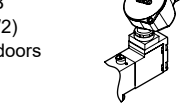
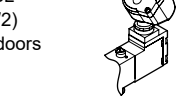
Included parts

Part name		Part model No.	No.	Quantity
Mounting plate (P) (4F210)		4F2-MOUNT-PLATE-KIT-P		
Mounting plate (P1)		4F2-MOUNT-PLATE-KIT-P1	-	1
Hexagon socket plug (With sealant)		Port size 06 4F9-PLUG-RI/8	-	1
		Port size 08 4F9-PLUG-RI/4		
		Port size 10 4F9-PLUG-R3/8		
Stainless steel hexagon socket plug (With sealant)		Port size 06 4F9-PLUG-RI/8-S	-	1
		Port size 08 4F9-PLUG-RI/4-S		
		Port size 10 4F9-PLUG-R3/8-S		
Packing box/label		[Full model number]-PB-KIT	-	1
Check valve		AC-8A	-	1

Coil

*: Solenoid position 1, 2, 3, 4

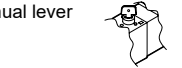
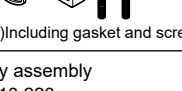
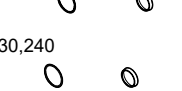
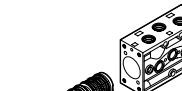
Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11) 	4F2*O-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	17	1
		16	1
DIN terminal box for L (Pg11) 	4F2*O-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	15	1
		24	2
		25	2
DIN terminal box for F (G1/2) 	4F2*O-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	1
		23	1
Grommet lead wire for E (without conduit) 	4F2*O-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	16	1
		15	1
Grommet lead wire for E1 (CTC19) 	4F2*O-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	24	2
		25	2
		22	1
Grommet lead wire for E2 (G1/2) 	4F2*O-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	23	1

Part name	Part model No.	No.	Quantity
Round terminal box for B (G1/2) 	4F2*O-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for BL (G1/2) 	4F2*O-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for B1 (G3/4) 	4F2*O-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	17	1
		16	1
		15	1
		24	2
Round terminal box for B (G1/2) Outdoors 	4F2*O-BW-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	25	2
		22	1
		23	1
Round terminal box for BL (G1/2) Outdoors 	4F2*O-BLW-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for B1 (G3/4) Outdoors 	4F2*O-B1W-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		

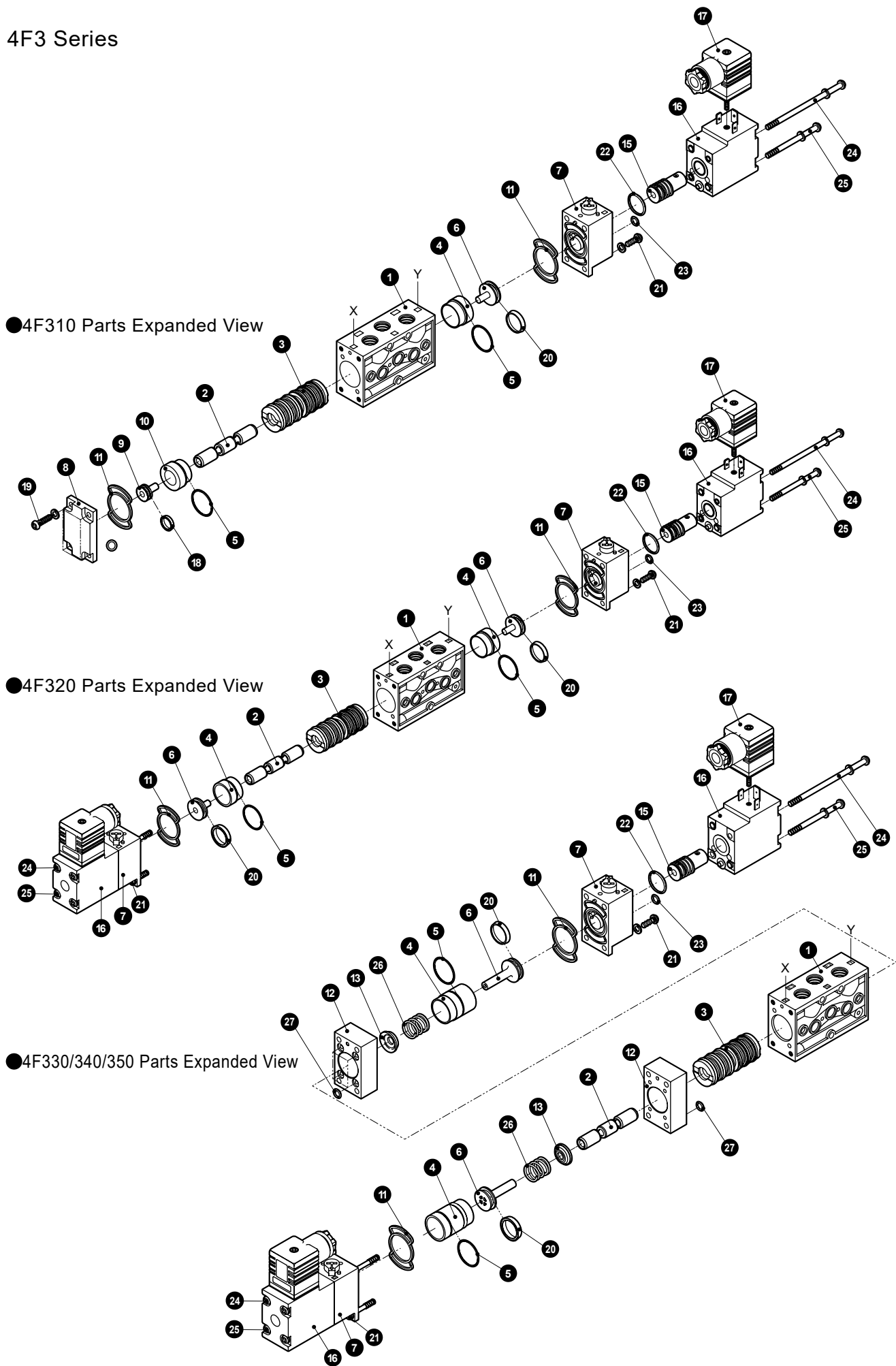
Pilot actuator assembly

*: Solenoid position 1, 2, 3, 4
Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator Note)Including gasket and screws	Standard DIN terminal box (Pg11) 4F2*0-PLT-ACTUATOR- Voltage		
	DIN terminal box for L (Pg11) Note) The DC type has a built-in surge suppressor 4F2*0-L-PLT-ACTUATOR- Voltage		
	DIN terminal box for F (G1/2) Note) Without indicator lamp 4F2*0-F-PLT-ACTUATOR- Voltage		
	Grommet lead wire for E (without conduit) 4F2*0-E-PLT-ACTUATOR- Voltage	17 16	1
	Grommet lead wire for E1 (CTC19) 4F2*0-E1-PLT-ACTUATOR- Voltage	15 7	1
	Grommet lead wire for E2 (G1/2) 4F2*0-E2-PLT-ACTUATOR- Voltage	24 25	2
	Round terminal box for B (G1/2) 4F2*0-B-PLT-ACTUATOR- Voltage	21	2
	Round terminal box for BL (G1/2) 4F2*0-BL-PLT-ACTUATOR- Voltage	22 23	1
	Round terminal box for B1 (G1/2) 4F2*0-B1-PLT-ACTUATOR- Voltage	11	1
	Round terminal box for B (G1/2) Outdoor specification 4F2*0-BW-PLT-ACTUATOR- Voltage		
	Round terminal box for BL (G1/2) Outdoor specification 4F2*0-BLW-PLT-ACTUATOR- Voltage		
	Round terminal box for B1 (G3/4) 4F2*0-B1W-PLT-ACTUATOR- Voltage		

Part name	Part model No.	No.	Quantity
Manual lever 	4F9-M3-MANUAL-LEVER	-	1
Pilot valve assembly (without coil) 	• Manual locking (blank) 4F210-PILOT-ASSY	7	1
	• Non-locking(M2) 4F210-M2-PILOT-ASSY	21	1
	• Locking with manual lever (M3) 4F210-M3-PILOT-ASSY	22 23	2
		11	1
Pilot valve assembly (without coil) Outdoors 	• Manual locking (blank) 4F210-W-PILOT-ASSY	7	1
	• Non-locking (M2) 4F210-M2W-PILOT-ASSY	21	1
	• Locking with manual lever (M3) 4F210-M3W-PILOT-ASSY	22 23	2
		11	1
Cap (4F210) 	4F210-CAP-KIT	8	1
		19	4
	• Outdoors 4F210-W-CAP-KIT	11	1
Pilot valve adaptor kit (4F230/240) 	4F210-R-KIT		
	4F230-R-KIT		
	4F210-RB-KIT		
	4F230-RB-KIT		
Body assembly 4F210,220 	4F210-08-BODY-ASSY	6 20	2(1)
	• Outdoors 4F210-08-W-BODY-ASSY	4 5	2(1)
4F230,240 	4F220-08-BODY-ASSY	1	1
	4F230-08-BODY-ASSY	3	1
	4F240-08-BODY-ASSY	2	1
		11	2
		9 18	(1)
4F210 		10 5	(1)
		8	(1)
4F230/240 		19	(4)
		26 13	[2]
() shows 4F210. [] is for 4F230/240		12	[2]
Note) Including gasket and screws		27	[8]

4F3 Series



Consumable parts

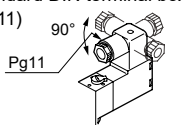
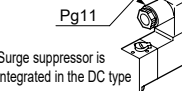
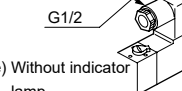
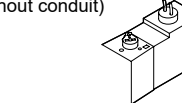
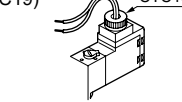
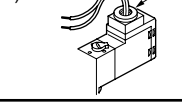
Part name		Part model No.	No.	Quantity
Consumable parts kit 4F310		4F310-K (Same parts as 4F4) • NAMUR standards 4F310-NM-K	6 20	1
			3	
			9 18	
Consumable parts kit 4F320		4F320-K (Same parts as 4F4) • NAMUR standards 4F320-NM-K	6 20	2
			3	
Consumable parts kit 4F330/340		4F330-K (Same parts as 4F4)	3	1
Sealant assembly		4F9-106 (Same parts as 4F4) • NAMUR standards 4F9-NM-106	3	1
Piston assembly (A) large (4F310/320)		4F9-104 (Same parts as 4F4) • NAMUR standards 4F9-101 (Same parts as 4F2)	6 20	1
Piston assembly (B) small (4F310)		4F9-103 (Same parts as 4F4) • NAMUR standards 4F9-102 (Same parts as 4F2)	9 18	1
Piston assembly (A) (4F330/340/350)		4F9-114 (Same parts as 4F4)	6 20	2
Spool		4F310/320 4F310-SPOOL • NAMUR standards 4F310-NM-SPOOL	2	1
		4F330 4F330-SPOOL		
		4F340 4F340-SPOOL		
		4F350 4F350-SPOOL		
		* Same parts as 4F4		
Cylinder -A (large) (O-ring included) (4F310/320)		4F310-CYLINDER-A (Same parts as 4F4) • NAMUR standards 4F310-NM-CYLINDER-A	4 5	1
Cylinder -B (small) (O-ring included) (4F310)		4F310-CYLINDER-B (Same parts as 4F4) • NAMUR standards 4F310-NM-CYLINDER-B	10 5	1
Cylinder -A (large) (O-ring included) (4F330/340/350)		4F330-CYLINDER-A (Same parts as 4F4)	4	1
			5	2
Gasket kit (4F310)		4F310-GASKET-KIT	22	1
			23	1
			11	2
Gasket kit (4F320)		4F320-GASKET-KIT	22	2
			23	2
			11	2
Gasket kit (4F330/340/350)		4F330-GASKET-KIT	22	2
			23	2
			11	2
			27	8
Spring (4F330/340/350)		4F330-SPRING (Same parts as 4F4)	26	1

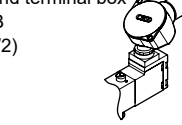
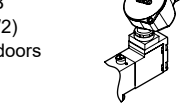
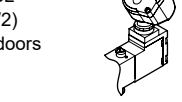
Included parts

Part name		Part model No.	No.	Quantity
Mounting plate (P) (4F310)		4F3-MOUNT-PLATE-KIT-P	-	1
		4F3-MOUNT-PLATE-KIT-P1	-	1
Hexagon socket plug (With sealant)		Port size 06 4F9-PLUG-RI/8	-	1
		Port size 08 4F9-PLUG-RI/4		
		Port size 10 4F9-PLUG-R3/8		
Stainless steel hexagon socket plug (With sealant)		Port size 06 4F9-PLUG-RI/8-S	-	1
		Port size 08 4F9-PLUG-RI/4-S		
		Port size 10 4F9-PLUG-R3/8-S		
Packing box/label		[Full model number]-PB-KIT	-	1
Check valve		AC-8A	-	1
		AC-10A		

Coil

*: Solenoid position 1, 2, 3, 4, 5

Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11) 	4F3*O-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	17 16	1 1
DIN terminal box for L (Pg11)  Note)Surge suppressor is integrated in the DC type	4F3*O-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	15 24 25	1 2 2
DIN terminal box for F (G1/2)  Note) Without indicator lamp	4F3*O-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22 23	1 1
Grommet lead wire for E (without conduit) 	4F3*O-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	16 15 24 25 22 23	1 1 2 2 1 1
Grommet lead wire for E1 (CTC19) 	4F3*O-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	24 25 22 23	2 2 1 1
Grommet lead wire for E2 (G1/2) 	4F3*O-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	23	1

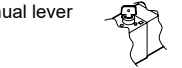
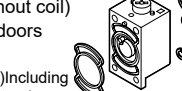
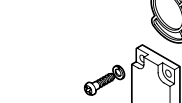
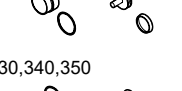
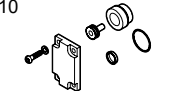
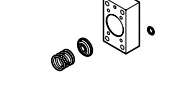
Part name	Part model No.	No.	Quantity
Round terminal box for B (G1/2) 	4F3*O-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for BL (G1/2) 	4F3*O-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for B1 (G3/4) 	4F3*O-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	17 16 15 24 25 22 23	1 1 1 2 2 1 1
Round terminal box for B (G1/2) Outdoors 	4F3*O-BW-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for BL (G1/2) Outdoors 	4F3*O-BLW-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		
Round terminal box for B1 (G3/4) Outdoors 	4F3*O-B1W-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC		

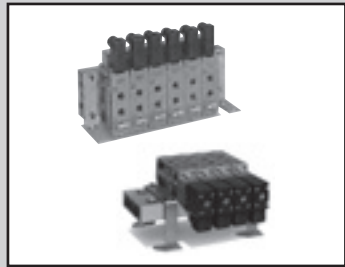
Pilot actuator assembly

*: Solenoid position 1, 2, 3, 4, 5

Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator Note)Including gasket and screws	Standard DIN terminal box (Pg11) 4F3*O-PLT-ACTUATOR- Voltage		
	DIN terminal box for L (Pg11) Note) The DC type has a built-in surge suppressor 4F3*O-L-PLT-ACTUATOR- Voltage		
	DIN terminal box for F (G1/2) Note) Without indicator lamp 4F3*O-F-PLT-ACTUATOR- Voltage		
	Grommet lead wire for E (without conduit) 4F3*O-E-PLT-ACTUATOR- Voltage	17 16	1
	Grommet lead wire for E1 (CTC19) 4F3*O-E1-PLT-ACTUATOR- Voltage	15 7	1
	Grommet lead wire for E2 (G1/2) 4F3*O-E2-PLT-ACTUATOR- Voltage	24 25	2
	Round terminal box for B (G1/2) 4F3*O-B-PLT-ACTUATOR- Voltage	21	2
	Round terminal box for BL (G1/2) 4F3*O-BL-PLT-ACTUATOR- Voltage	22 23	1
	Round terminal box for B1 (G1/2) 4F3*O-B1-PLT-ACTUATOR- Voltage	11	1
	Round terminal box for B (G1/2) Outdoor specification 4F3*O-BW-PLT-ACTUATOR- Voltage		
	Round terminal box for BL (G1/2) Outdoor specification 4F3*O-BLW-PLT-ACTUATOR- Voltage		
	Round terminal box for B1 (G3/4) 4F3*O-B1W-PLT-ACTUATOR- Voltage		

Part name	Part model No.	No.	Quantity
Manual lever 	4F9-M3-MANUAL-LEVER	-	1
Pilot valve assembly (without coil)  Note)Including gasket and screws	• Manual locking (blank) 4F310-PILOT-ASSY • Non-locking(M2) 4F310-M2-PILOT-ASSY • Locking with manual lever (M3) 4F310-M3-PILOT-ASSY	7 21 22 23 11	1 1 2 1
Pilot valve assembly (without coil) Outdoors  Note)Including gasket and screws	• Manual locking (blank) 4F310-W-PILOT-ASSY • Non-locking (M2) 4F310-M2W-PILOT-ASSY • Locking with manual lever (M3) 4F310-M3W-PILOT-ASSY	7 21 22 23 11	1 1 2 1
Cap (4F310)  Note)Including gasket and screws	4F310-CAP-KIT	8 19 11	1 4 1
Pilot valve adaptor kit (4F330/340)  Note)Including gasket and screws	4F310-R-KIT 4F330-R-KIT 4F310-RB-KIT 4F330-RB-KIT	-	1
Body assembly 4F310,320 	4F310-08-BODY-ASSY 4F310-08-W-BODY-ASSY	6 20 4 5	2(1) 2(1)
4F330,340,350 	• Outdoors 4F310-08-W-BODY-ASSY 4F310-10-W-BODY-ASSY	1 3	1 1
	• NAMUR standards 4F310-NM-BODY-ASSY	2	1
	• NAMUR standard (outdoor specification) 4F310-NM-W-BODY-ASSY	11	2
4F310 	4F320-08-BODY-ASSY 4F320-10-BODY-ASSY	9 18 10 5	(1) (1)
4F330/340 	• NAMUR standards 4F320-NM-BODY-ASSY 4F330-08-BODY-ASSY 4F330-10-BODY-ASSY 4F340-08-BODY-ASSY 4F340-10-BODY-ASSY	8 19 26 13 12	(1) (4) [2] [2]
() shows 4F310. [] is for 4F330/340/350 Note) Including gasket and screws	4F350-08-BODY-ASSY 4F350-10-BODY-ASSY	27	[8]

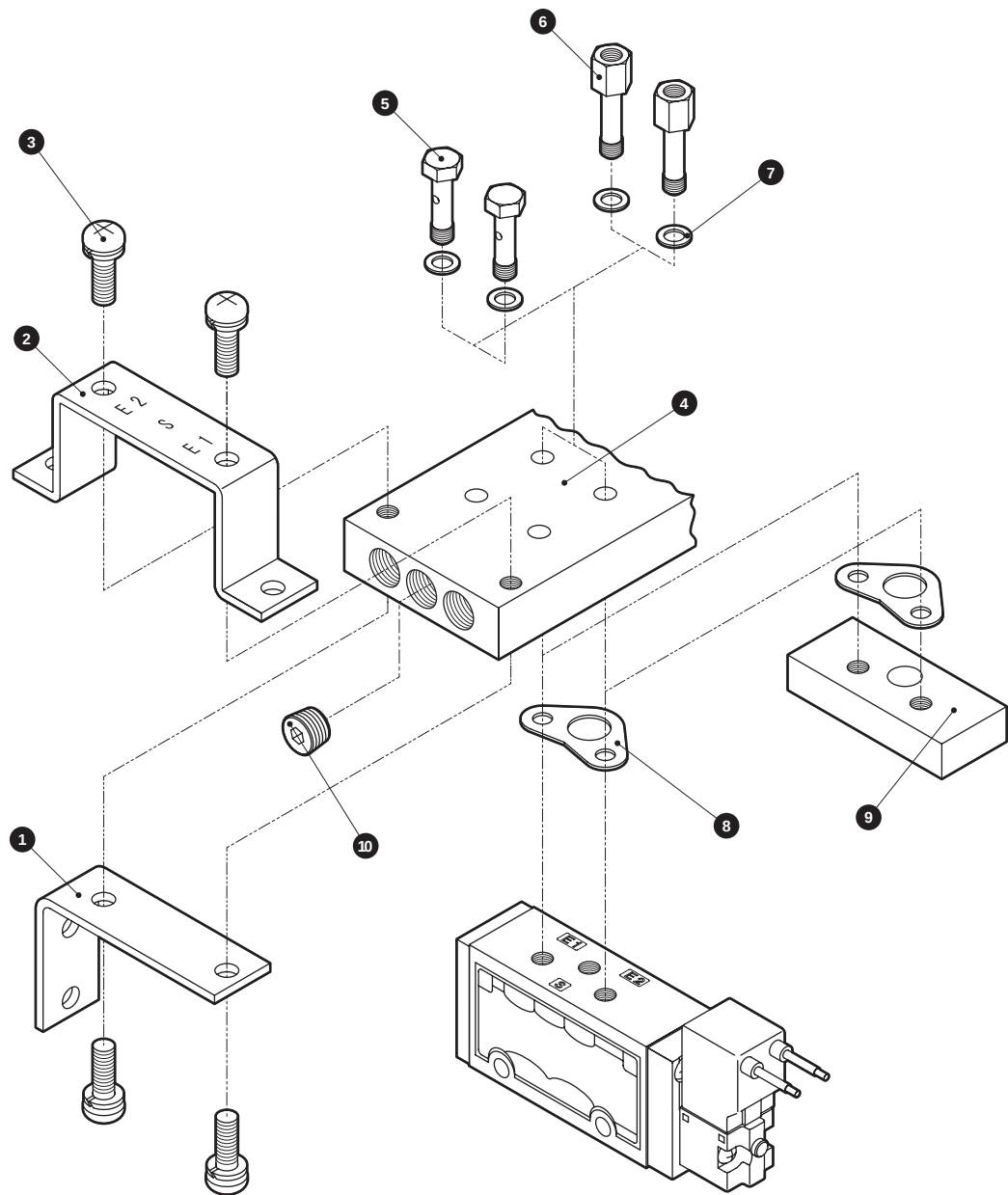


Individual wiring manifold/Body piping
Pilot operated 5-port pneumatic valve

(A)M4F0/1/2/3 Series

M4F0 Series

Parts Expanded View



*Refer to single valve 4F0 Series for the valve body part model No.

Note) 2 to 10 stations are standard manifolds.

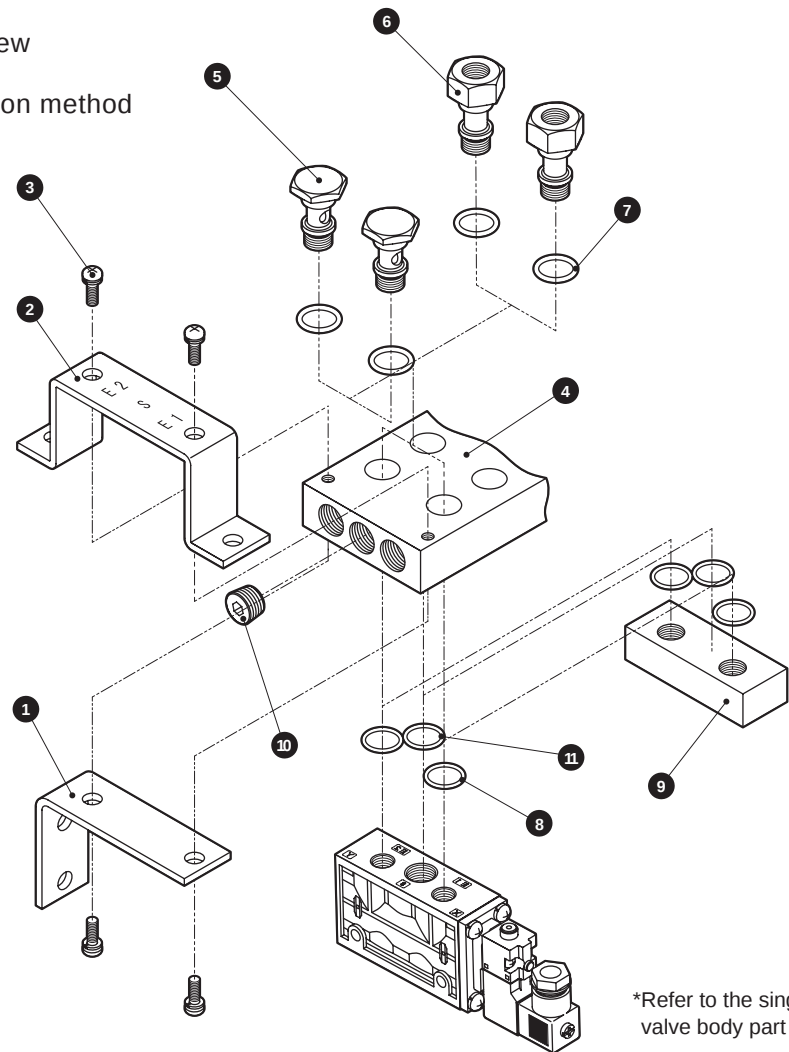
n: Station No.

Part name		Part model No.	No.	Quantity
Sub-plate kit (CL)	2 stations	M4F0-2-CL-SUB-BASE-KIT	①	2
	3 stations	M4F0-3-CL-SUB-BASE-KIT	③	4
	4 stations	M4F0-4-CL-SUB-BASE-KIT	④	1
	5 stations	M4F0-5-CL-SUB-BASE-KIT	⑤	2n
	6 stations	M4F0-6-CL-SUB-BASE-KIT	⑦	2n
	7 stations	M4F0-7-CL-SUB-BASE-KIT	⑧	n
	8 stations	M4F0-8-CL-SUB-BASE-KIT	⑩	5
	9 stations	M4F0-9-CL-SUB-BASE-KIT		
	10 stations	M4F0-10-CL-SUB-BASE-KIT		
Sub-plate kit (CU)	2 stations	M4F0-2-CU-SUB-BASE-KIT	②	2
	3 stations	M4F0-3-CU-SUB-BASE-KIT	③	4
	4 stations	M4F0-4-CU-SUB-BASE-KIT	④	1
	5 stations	M4F0-5-CU-SUB-BASE-KIT	⑤	2n
	6 stations	M4F0-6-CU-SUB-BASE-KIT	⑦	2n
	7 stations	M4F0-7-CU-SUB-BASE-KIT	⑧	n
	8 stations	M4F0-8-CU-SUB-BASE-KIT	⑩	5
	9 stations	M4F0-9-CU-SUB-BASE-KIT		
	10 stations	M4F0-10-CU-SUB-BASE-KIT		
Sub-plate kit (IL)	2 stations	M4F0-2-IL-SUB-BASE-KIT	①	2
	3 stations	M4F0-3-IL-SUB-BASE-KIT	③	4
	4 stations	M4F0-4-IL-SUB-BASE-KIT	④	1
	5 stations	M4F0-5-IL-SUB-BASE-KIT	⑤	2n
	6 stations	M4F0-6-IL-SUB-BASE-KIT	⑦	2n
	7 stations	M4F0-7-IL-SUB-BASE-KIT	⑧	n
	8 stations	M4F0-8-IL-SUB-BASE-KIT	⑩	5
	9 stations	M4F0-9-IL-SUB-BASE-KIT		
	10 stations	M4F0-10-IL-SUB-BASE-KIT		
Sub-plate kit (IU)	2 stations	M4F0-2-IU-SUB-BASE-KIT	②	2
	3 stations	M4F0-3-IU-SUB-BASE-KIT	③	4
	4 stations	M4F0-4-IU-SUB-BASE-KIT	④	1
	5 stations	M4F0-5-IU-SUB-BASE-KIT	⑤	2n
	6 stations	M4F0-6-IU-SUB-BASE-KIT	⑦	2n
	7 stations	M4F0-7-IU-SUB-BASE-KIT	⑧	n
	8 stations	M4F0-8-IU-SUB-BASE-KIT	⑩	5
	9 stations	M4F0-9-IU-SUB-BASE-KIT		
	10 stations	M4F0-10-IU-SUB-BASE-KIT		
Masking plate kit (CL,CU,IL,IU)		M4F0-MP-KIT	⑧	1
			⑨	1
Nipple/gasket (CL,CU)		M4F0-C-NIPPLE-KIT	⑤	1
			⑦	1
Nipple/gasket (IL,IU)		M4F0-I-NIPPLE-KIT	⑥	1
			⑦	1
For manifold Bracket kit		M4F0-L-BRACKET-KIT	①	2
			③	4
For manifold Bracket kit		M4F0-U-BRACKET-KIT	②	2
			③	4
Gasket kit		M4F0-GASKET-KIT	⑦	2
			⑧	1

M4F1 Series

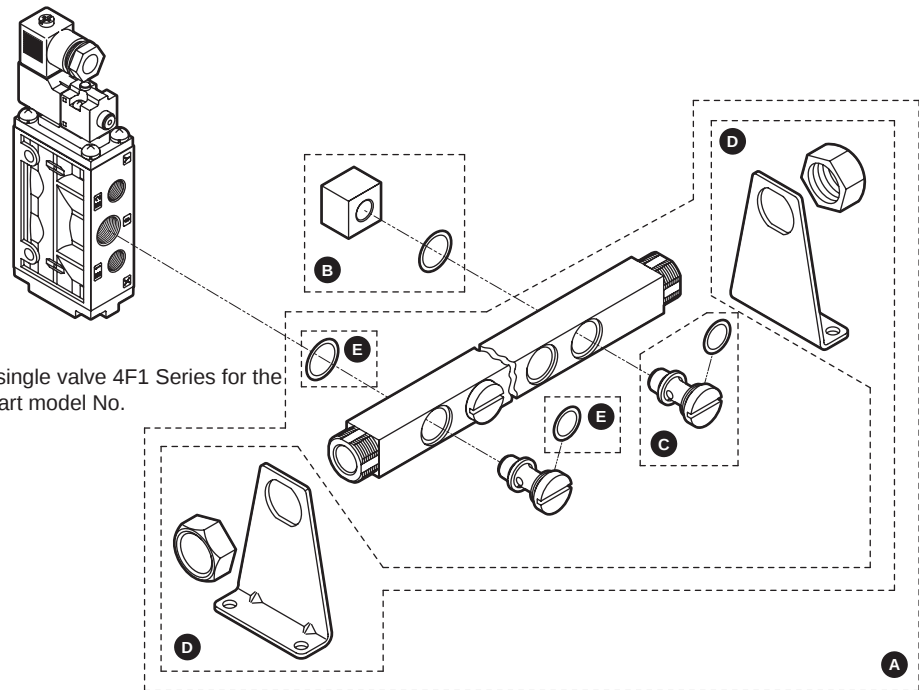
Parts Expanded View

●Exhaust installation method (CL, CU, IL, IU)



*Refer to the single valve 4F1 Series for the valve body part model No.

●Exhaust installation method (I)



*Refer to the single valve 4F1 Series for the valve body part model No.

Exhaust installation method (CL, CU, IL, IU)

n: Station No.

Part name	Part model No.	No.	Quantity
Sub-plate kit (CL)	2 stations M4F1-2-CL-SUB-BASE-KIT	1	2
	3 stations M4F1-3-CL-SUB-BASE-KIT	3	4
	4 stations M4F1-4-CL-SUB-BASE-KIT	4	1
	5 stations M4F1-5-CL-SUB-BASE-KIT	5	2n
	6 stations M4F1-6-CL-SUB-BASE-KIT	7	2n
	7 stations M4F1-7-CL-SUB-BASE-KIT	8	2n
	8 stations M4F1-8-CL-SUB-BASE-KIT	10	5
	9 stations M4F1-9-CL-SUB-BASE-KIT	11	n
	10 stations M4F1-10-CL-SUB-BASE-KIT		
Sub-plate kit (CU)	2 stations M4F1-2-CU-SUB-BASE-KIT	2	2
	3 stations M4F1-3-CU-SUB-BASE-KIT	3	4
	4 stations M4F1-4-CU-SUB-BASE-KIT	4	1
	5 stations M4F1-5-CU-SUB-BASE-KIT	5	2n
	6 stations M4F1-6-CU-SUB-BASE-KIT	7	2n
	7 stations M4F1-7-CU-SUB-BASE-KIT	8	2n
	8 stations M4F1-8-CU-SUB-BASE-KIT	10	5
	9 stations M4F1-9-CU-SUB-BASE-KIT	11	n
	10 stations M4F1-10-CU-SUB-BASE-KIT		
Sub-plate kit (IL)	2 stations M4F1-2-IL-SUB-BASE-KIT	1	2
	3 stations M4F1-3-IL-SUB-BASE-KIT	3	4
	4 stations M4F1-4-IL-SUB-BASE-KIT	4	1
	5 stations M4F1-5-IL-SUB-BASE-KIT	6	2n
	6 stations M4F1-6-IL-SUB-BASE-KIT	7	2n
	7 stations M4F1-7-IL-SUB-BASE-KIT	8	2n
	8 stations M4F1-8-IL-SUB-BASE-KIT	10	7
	9 stations M4F1-9-IL-SUB-BASE-KIT	11	n
	10 stations M4F1-10-IL-SUB-BASE-KIT		
Sub-plate kit (IU)	2 stations M4F1-2-IU-SUB-BASE-KIT	2	2
	3 stations M4F1-3-IU-SUB-BASE-KIT	3	4
	4 stations M4F1-4-IU-SUB-BASE-KIT	4	1
	5 stations M4F1-5-IU-SUB-BASE-KIT	6	2n
	6 stations M4F1-6-IU-SUB-BASE-KIT	7	2n
	7 stations M4F1-7-IU-SUB-BASE-KIT	8	2n
	8 stations M4F1-8-IU-SUB-BASE-KIT	10	7
	9 stations M4F1-9-IU-SUB-BASE-KIT	11	n
	10 stations M4F1-10-IU-SUB-BASE-KIT		
Masking plate Kit	M4F1-MP-KIT	8	2
		9	1
		11	1
Nipple/gasket (CL, CU)	M4F1-C-NIPPLE-KIT	5	1
		7	1
Nipple/gasket (IL, IU)	M4F1-I-NIPPLE-KIT	6	1
		7	1
For manifold Bracket kit (L)	M4F1-L-BRACKET-KIT	1	2
		3	4
For manifold Bracket kit (U)	M4F1-U-BRACKET-KIT	2	2
		3	4
Gasket kit	M4F1-GASKET-KIT	7	2
		8	2
		11	1

Exhaust installation method (I)

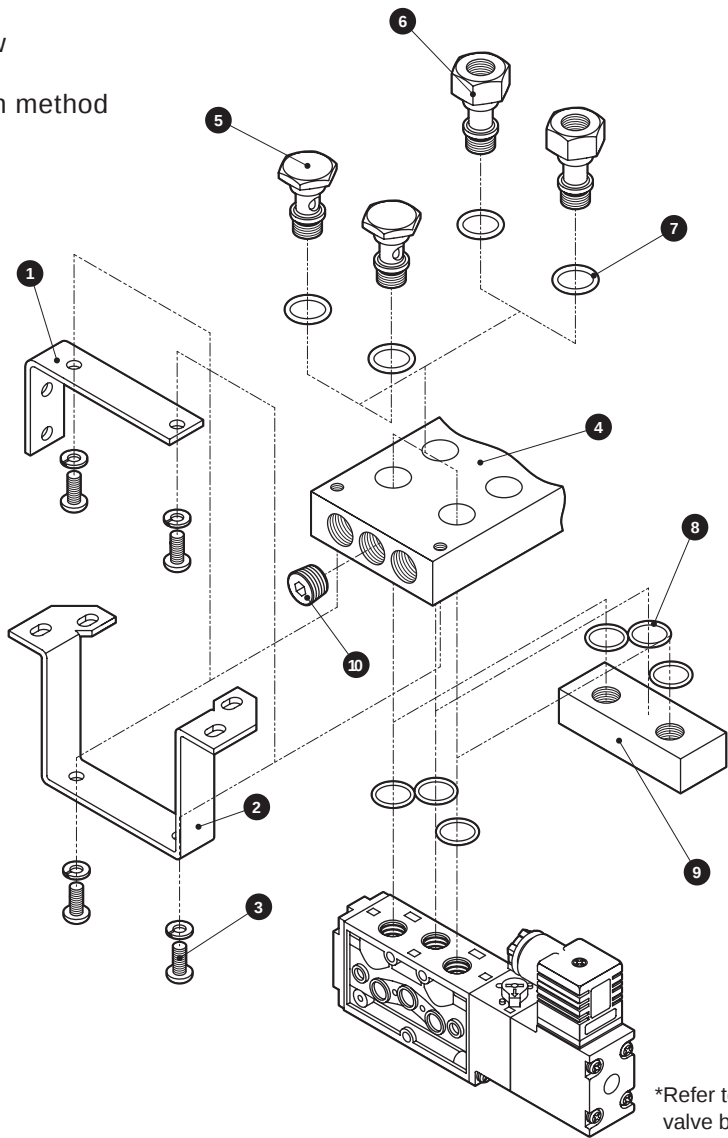
Part name	Part model No.	Code	Quantity
Sub-plate kit 06(Rp1/8)	2 stations M4F1-06-2-I-SUB-BASE-KIT	A	1
	3 stations M4F1-06-3-I-SUB-BASE-KIT		
	4 stations M4F1-06-4-I-SUB-BASE-KIT		
	5 stations M4F1-06-5-I-SUB-BASE-KIT		
	6 stations M4F1-06-6-I-SUB-BASE-KIT		
	7 stations M4F1-06-7-I-SUB-BASE-KIT		
	8 stations M4F1-06-8-I-SUB-BASE-KIT		
	9 stations M4F1-06-9-I-SUB-BASE-KIT		
	10 stations M4F1-06-10-I-SUB-BASE-KIT		
Sub-plate kit 08(Rp1/4)	2 stations M4F1-08-2-I-SUB-BASE-KIT	A	1
	3 stations M4F1-08-3-I-SUB-BASE-KIT		
	4 stations M4F1-08-4-I-SUB-BASE-KIT		
	5 stations M4F1-08-5-I-SUB-BASE-KIT		
	6 stations M4F1-08-6-I-SUB-BASE-KIT		
	7 stations M4F1-08-7-I-SUB-BASE-KIT		
	8 stations M4F1-08-8-I-SUB-BASE-KIT		
	9 stations M4F1-08-9-I-SUB-BASE-KIT		
	10 stations M4F1-08-10-I-SUB-BASE-KIT		
Masking plate Kit	Port size Rp1/8 M4F1-06-I-MP-KIT	B	1
	Port size Rp1/4 M4F1-08-I-MP-KIT		
Nipple/ Gasket	Port size Rp1/8 M4F1-06-I-NIPPLE-KIT	C	1
	Port size Rp1/4 M4F1-08-I-NIPPLE-KIT		
For manifold Bracket kit	M4F1-I-BRACKET-KIT	D	1
Gasket kit	M4F1-I-GASKET-KIT	E	1

Note) 2 to 10 stations are standard manifolds.

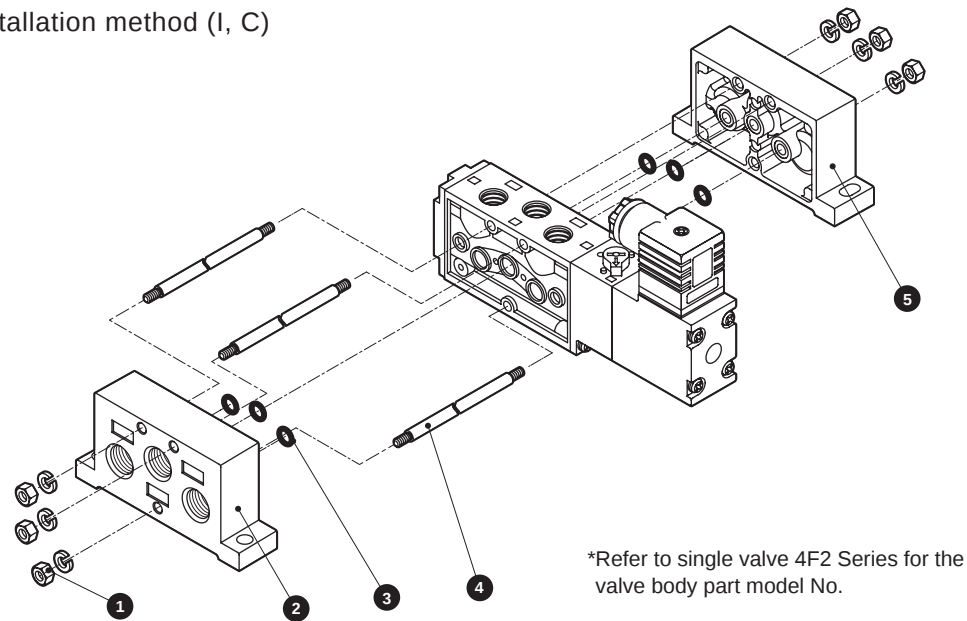
M4F2 Series

Parts Expanded View

● Exhaust installation method
(CL, CU, IL, IU)



● Exhaust installation method (I, C)



Exhaust installation method (I, C)

Part name	Part model No.	No.	Quantity
Sub-plate kit Sub end	M4F2-SUB-END-RL-KIT	1	6
		2	1
		3	3
		5	1
Tie rod	M4F2-TIE-ROD-KIT-2	1	6
	M4F2-TIE-ROD-KIT-3		
	M4F2-TIE-ROD-KIT-4		
	M4F2-TIE-ROD-KIT-5		
	M4F2-TIE-ROD-KIT-6		
	M4F2-TIE-ROD-KIT-7		
	M4F2-TIE-ROD-KIT-8		
	M4F2-TIE-ROD-KIT-9		
	M4F2-TIE-ROD-KIT-10		
Gasket kit	M4F2-2-GASKET-KIT	3	3
Partition plate (individual exhaust)	M4F2-DIVISION-PLATE	-	1

Note) 2 to 10 stations are standard manifolds.

Exhaust installation method (CL, CU, IL, IU)

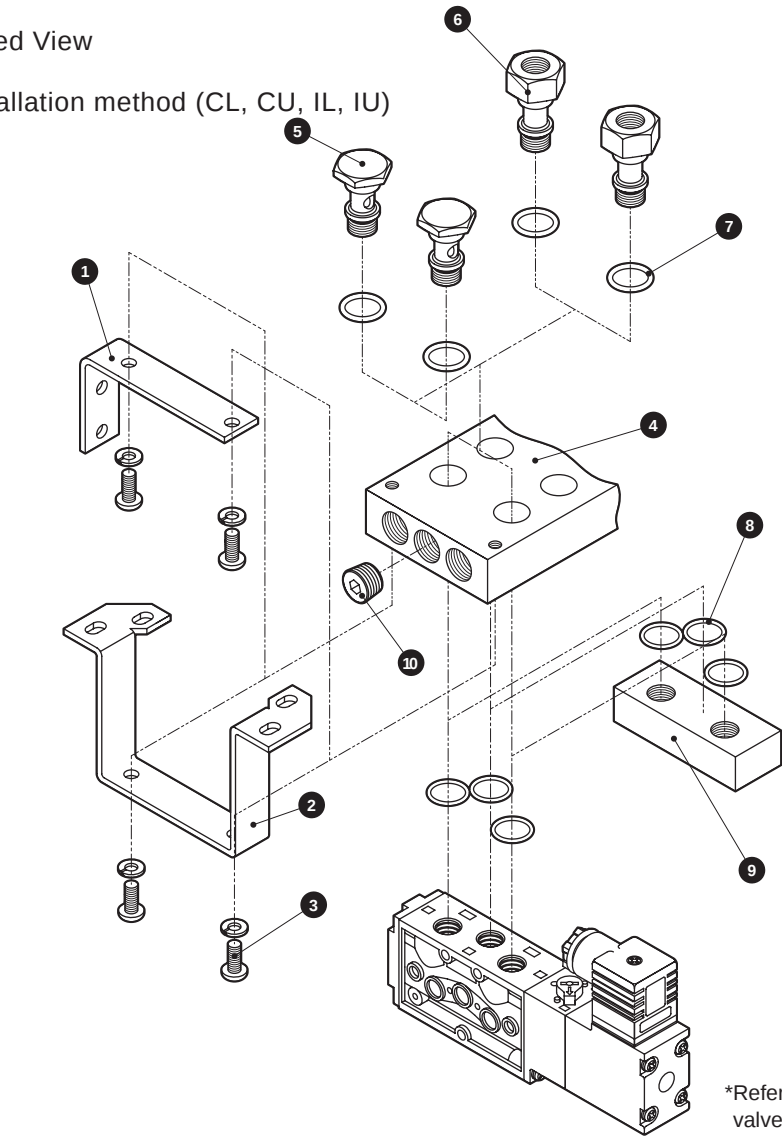
n: Station No.

Part name	Part model No.	No.	Quantity
Sub-plate kit (CL)	2 stations M4F2-2-CL-SUB-BASE-KIT	1	2
	3 stations M4F2-3-CL-SUB-BASE-KIT		4
	4 stations M4F2-4-CL-SUB-BASE-KIT		1
	5 stations M4F2-5-CL-SUB-BASE-KIT		2n
	6 stations M4F2-6-CL-SUB-BASE-KIT		2n
	7 stations M4F2-7-CL-SUB-BASE-KIT		3n
	8 stations M4F2-8-CL-SUB-BASE-KIT		5
	9 stations M4F2-9-CL-SUB-BASE-KIT		
	10 stations M4F2-10-CL-SUB-BASE-KIT		
Sub-plate kit (CU)	2 stations M4F2-2-CU-SUB-BASE-KIT	2	2
	3 stations M4F2-3-CU-SUB-BASE-KIT		4
	4 stations M4F2-4-CU-SUB-BASE-KIT		1
	5 stations M4F2-5-CU-SUB-BASE-KIT		2n
	6 stations M4F2-6-CU-SUB-BASE-KIT		2n
	7 stations M4F2-7-CU-SUB-BASE-KIT		3n
	8 stations M4F2-8-CU-SUB-BASE-KIT		5
	9 stations M4F2-9-CU-SUB-BASE-KIT		
	10 stations M4F2-10-CU-SUB-BASE-KIT		
Sub-plate kit (IL)	2 stations M4F2-2-IL-SUB-BASE-KIT	1	2
	3 stations M4F2-3-IL-SUB-BASE-KIT		4
	4 stations M4F2-4-IL-SUB-BASE-KIT		1
	5 stations M4F2-5-IL-SUB-BASE-KIT		2n
	6 stations M4F2-6-IL-SUB-BASE-KIT		2n
	7 stations M4F2-7-IL-SUB-BASE-KIT		3n
	8 stations M4F2-8-IL-SUB-BASE-KIT		7
	9 stations M4F2-9-IL-SUB-BASE-KIT		
	10 stations M4F2-10-IL-SUB-BASE-KIT		
Sub-plate kit (IU)	2 stations M4F2-2-IU-SUB-BASE-KIT	2	2
	3 stations M4F2-3-IU-SUB-BASE-KIT		4
	4 stations M4F2-4-IU-SUB-BASE-KIT		1
	5 stations M4F2-5-IU-SUB-BASE-KIT		2n
	6 stations M4F2-6-IU-SUB-BASE-KIT		2n
	7 stations M4F2-7-IU-SUB-BASE-KIT		3n
	8 stations M4F2-8-IU-SUB-BASE-KIT		7
	9 stations M4F2-9-IU-SUB-BASE-KIT		
	10 stations M4F2-10-IU-SUB-BASE-KIT		
Masking plate kit (CL, CU, IL, IU)	M4F2-MP-KIT	8	3
		9	1
Nipple/gasket (CL, CU)	M4F2-C-NIPPLE-KIT	5	1 1
		7	
Nipple/gasket (IL, IU)	M4F2-I-NIPPLE-KIT	6	1 1
		7	
For manifold Bracket kit (L)	M4F2-L-BRACKET-KIT	1	2 4
For manifold Bracket kit (U)	M4F2-U-BRACKET-KIT	2	2 4
		3	
Gasket kit	M4F2-GASKET-KIT	7	2
		8	3

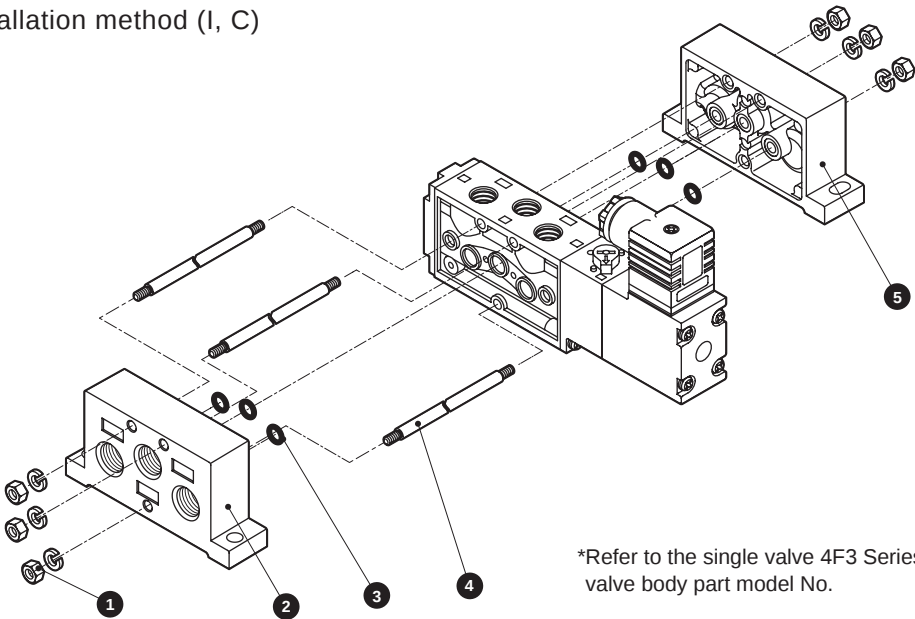
M4F3 Series

Parts Expanded View

●Exhaust installation method (CL, CU, IL, IU)



●Exhaust installation method (I, C)



Exhaust installation method (CL, CU, IL, IU)

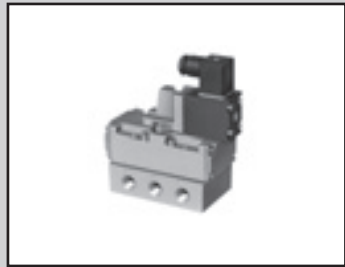
n: Station No.

Part name	Part model No.	No.	Quantity
Sub-plate kit (CL) 08(Rp1/4)	2 stations M4F3-08-2-CL-SUB-BASE-KIT	1 3 4 5 7 8 10	2
	3 stations M4F3-08-3-CL-SUB-BASE-KIT		4
	4 stations M4F3-08-4-CL-SUB-BASE-KIT		1
	5 stations M4F3-08-5-CL-SUB-BASE-KIT		2n
	6 stations M4F3-08-6-CL-SUB-BASE-KIT		2n
	7 stations M4F3-08-7-CL-SUB-BASE-KIT		3n
	8 stations M4F3-08-8-CL-SUB-BASE-KIT		5
	9 stations M4F3-08-9-CL-SUB-BASE-KIT		
	10 stations M4F3-08-10-CL-SUB-BASE-KIT		
Sub-plate kit (CL) 10(Rp3/8)	2 stations M4F3-10-2-CL-SUB-BASE-KIT	1 3 4 5 7 8 10	2
	3 stations M4F3-10-3-CL-SUB-BASE-KIT		4
	4 stations M4F3-10-4-CL-SUB-BASE-KIT		1
	5 stations M4F3-10-5-CL-SUB-BASE-KIT		2n
	6 stations M4F3-10-6-CL-SUB-BASE-KIT		2n
	7 stations M4F3-10-7-CL-SUB-BASE-KIT		3n
	8 stations M4F3-10-8-CL-SUB-BASE-KIT		5
	9 stations M4F3-10-9-CL-SUB-BASE-KIT		
	10 stations M4F3-10-10-CL-SUB-BASE-KIT		
Sub-plate kit (CU) 08(Rp1/4)	2 stations M4F3-08-2-CU-SUB-BASE-KIT	2 3 4 5 7 8 10	2
	3 stations M4F3-08-3-CU-SUB-BASE-KIT		4
	4 stations M4F3-08-4-CU-SUB-BASE-KIT		1
	5 stations M4F3-08-5-CU-SUB-BASE-KIT		2n
	6 stations M4F3-08-6-CU-SUB-BASE-KIT		2n
	7 stations M4F3-08-7-CU-SUB-BASE-KIT		3n
	8 stations M4F3-08-8-CU-SUB-BASE-KIT		7
	9 stations M4F3-08-9-CU-SUB-BASE-KIT		
	10 stations M4F3-08-10-CU-SUB-BASE-KIT		
Sub-plate kit (CU) 10(Rp3/8)	2 stations M4F3-10-2-CU-SUB-BASE-KIT	2 3 4 5 7 8 10	2
	3 stations M4F3-10-3-CU-SUB-BASE-KIT		4
	4 stations M4F3-10-4-CU-SUB-BASE-KIT		1
	5 stations M4F3-10-5-CU-SUB-BASE-KIT		2n
	6 stations M4F3-10-6-CU-SUB-BASE-KIT		2n
	7 stations M4F3-10-7-CU-SUB-BASE-KIT		3n
	8 stations M4F3-10-8-CU-SUB-BASE-KIT		7
	9 stations M4F3-10-9-CU-SUB-BASE-KIT		
	10 stations M4F3-10-10-CU-SUB-BASE-KIT		
Sub-plate kit (IL) 08(Rp1/4)	2 stations M4F3-08-2-IL-SUB-BASE-KIT	1 3 4 6 7 8 10	2
	3 stations M4F3-08-3-IL-SUB-BASE-KIT		4
	4 stations M4F3-08-4-IL-SUB-BASE-KIT		1
	5 stations M4F3-08-5-IL-SUB-BASE-KIT		2n
	6 stations M4F3-08-6-IL-SUB-BASE-KIT		2n
	7 stations M4F3-08-7-IL-SUB-BASE-KIT		3n
	8 stations M4F3-08-8-IL-SUB-BASE-KIT		5
	9 stations M4F3-08-9-IL-SUB-BASE-KIT		
	10 stations M4F3-08-10-IL-SUB-BASE-KIT		
Sub-plate kit (IL) 10(Rp3/8)	2 stations M4F3-10-2-IL-SUB-BASE-KIT	1 3 4 6 7 8 10	2
	3 stations M4F3-10-3-IL-SUB-BASE-KIT		4
	4 stations M4F3-10-4-IL-SUB-BASE-KIT		1
	5 stations M4F3-10-5-IL-SUB-BASE-KIT		2n
	6 stations M4F3-10-6-IL-SUB-BASE-KIT		2n
	7 stations M4F3-10-7-IL-SUB-BASE-KIT		3n
	8 stations M4F3-10-8-IL-SUB-BASE-KIT		5
	9 stations M4F3-10-9-IL-SUB-BASE-KIT		
	10 stations M4F3-10-10-IL-SUB-BASE-KIT		

Exhaust installation method (I, C)

Part name	Part model No.	No.	Quantity
Sub-plate kit (IU) 08(Rp1/4)	2 stations M4F3-08-2-IU-SUB-BASE-KIT	2 3 4 6 7 8 10	2
	3 stations M4F3-08-3-IU-SUB-BASE-KIT		4
	4 stations M4F3-08-4-IU-SUB-BASE-KIT		1
	5 stations M4F3-08-5-IU-SUB-BASE-KIT		2n
	6 stations M4F3-08-6-IU-SUB-BASE-KIT		2n
	7 stations M4F3-08-7-IU-SUB-BASE-KIT		3n
	8 stations M4F3-08-8-IU-SUB-BASE-KIT		7
	9 stations M4F3-08-9-IU-SUB-BASE-KIT		
	10 stations M4F3-08-10-IU-SUB-BASE-KIT		
Sub-plate kit (IU) 10(Rp3/8)	2 stations M4F3-10-2-IU-SUB-BASE-KIT	2 3 4 5 6 7 8 10	2
	3 stations M4F3-10-3-IU-SUB-BASE-KIT		4
	4 stations M4F3-10-4-IU-SUB-BASE-KIT		1
	5 stations M4F3-10-5-IU-SUB-BASE-KIT		2n
	6 stations M4F3-10-6-IU-SUB-BASE-KIT		2n
	7 stations M4F3-10-7-IU-SUB-BASE-KIT		3n
	8 stations M4F3-10-8-IU-SUB-BASE-KIT		7
	9 stations M4F3-10-9-IU-SUB-BASE-KIT		
	10 stations M4F3-10-10-IU-SUB-BASE-KIT		
Masking Plate kit (CL,CU,IL,IU)	Port size Rp1/4 M4F3-08-MP-KIT	8 9	3
	Port size Rp3/8 M4F3-10-MP-KIT		1
Nipple/gasket (CL,CU)	Port size Rp1/4 M4F3-08-C-NIPPLE-KIT	5 7	1
	Port size Rp3/8 M4F3-10-C-NIPPLE-KIT		1
Nipple/gasket (IL,IU)	Port size Rp1/4 M4F3-08-I-NIPPLE-KIT	6 7	1
	Port size Rp3/8 M4F3-10-I-NIPPLE-KIT		1
For manifold Bracket kit (L)	M4F3-L-BRACKET-KIT	1 3	2 4
For manifold Bracket kit (U)	M4F3-U-BRACKET-KIT	2 3	2 4
Gasket kit	M4F3-GASKET-KIT	7 8	2 3
Sub-plate kit	M4F3-SUB-END-RL-KIT	1 2 3 5	6
			1
			3
			1
Tie rod	M4F3-TIE-ROD-KIT-2	1 4	6
	M4F3-TIE-ROD-KIT-3		3
	M4F3-TIE-ROD-KIT-4		
	M4F3-TIE-ROD-KIT-5		
	M4F3-TIE-ROD-KIT-6		
	M4F3-TIE-ROD-KIT-7		
	M4F3-TIE-ROD-KIT-8		
	M4F3-TIE-ROD-KIT-9		
	M4F3-TIE-ROD-KIT-10		
Gasket kit	M4F3-2-GASKET-KIT	3	3
Partition plate (individual exhaust)	M4F3-DIVISION-PLATE	-	1

Note) 2 to 10 stations are standard manifolds.



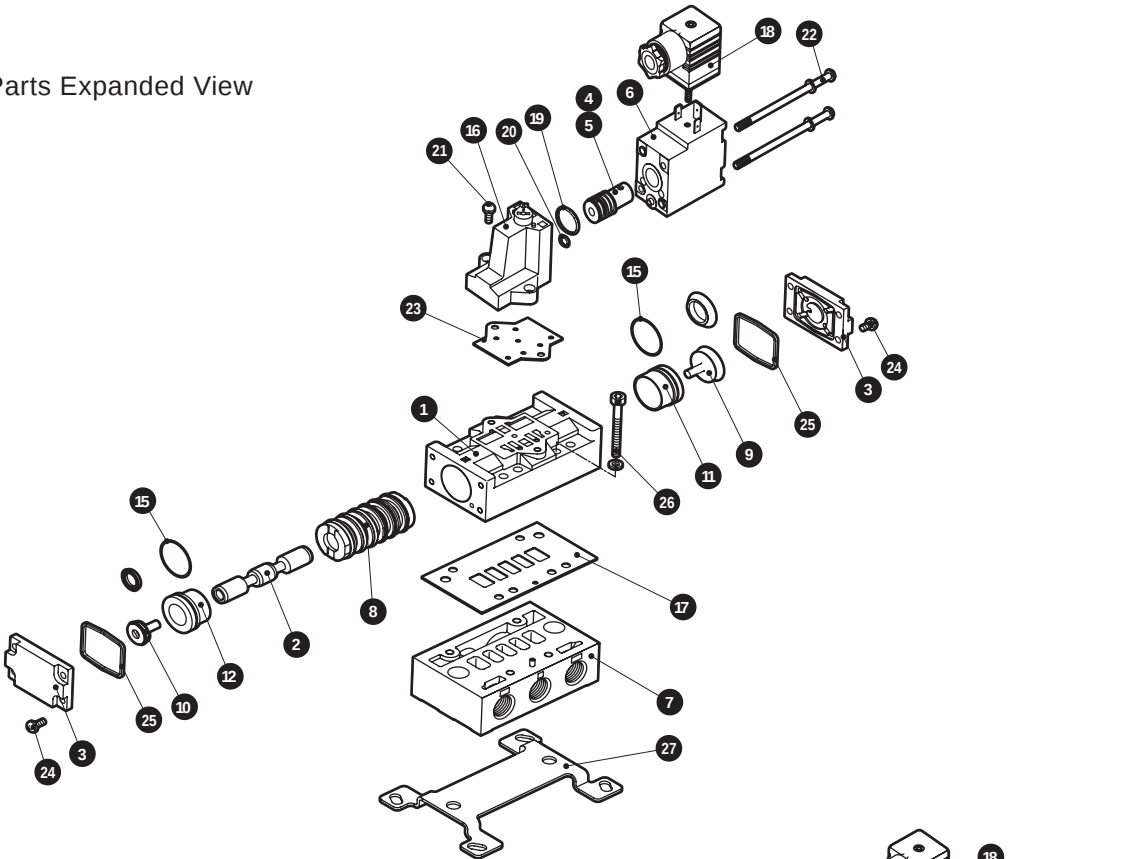
Single valve/sub-plate piping
Pilot operated 5-port pneumatic valve

4F4/5/6/7 Series

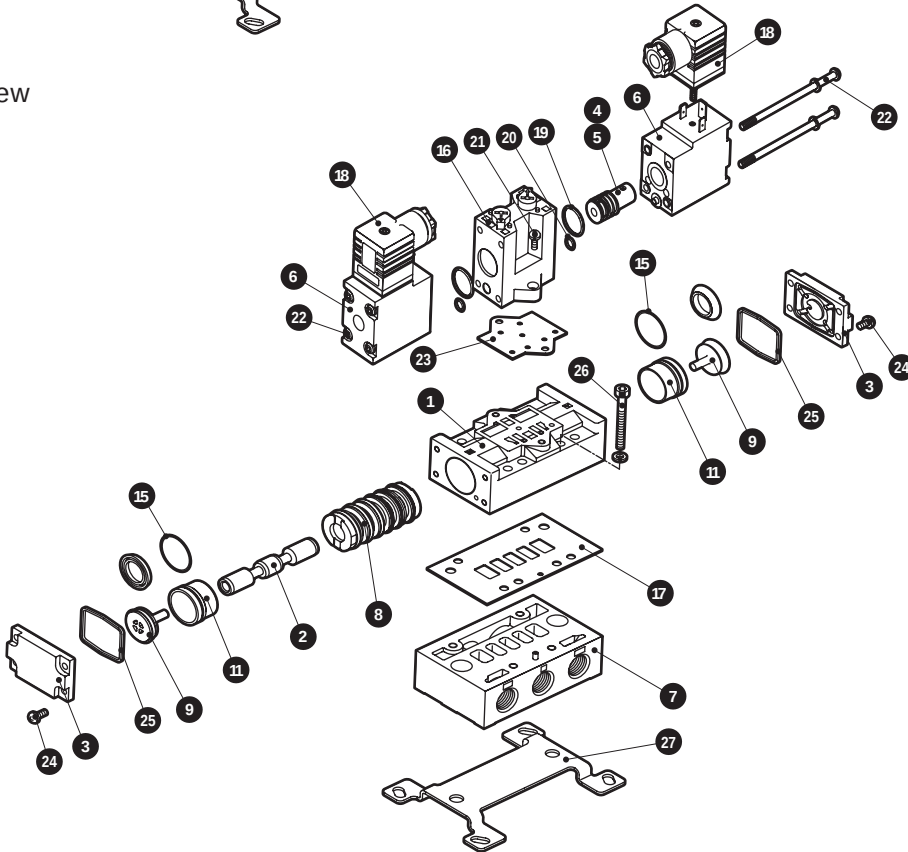
4F4 Series

4F4 Series

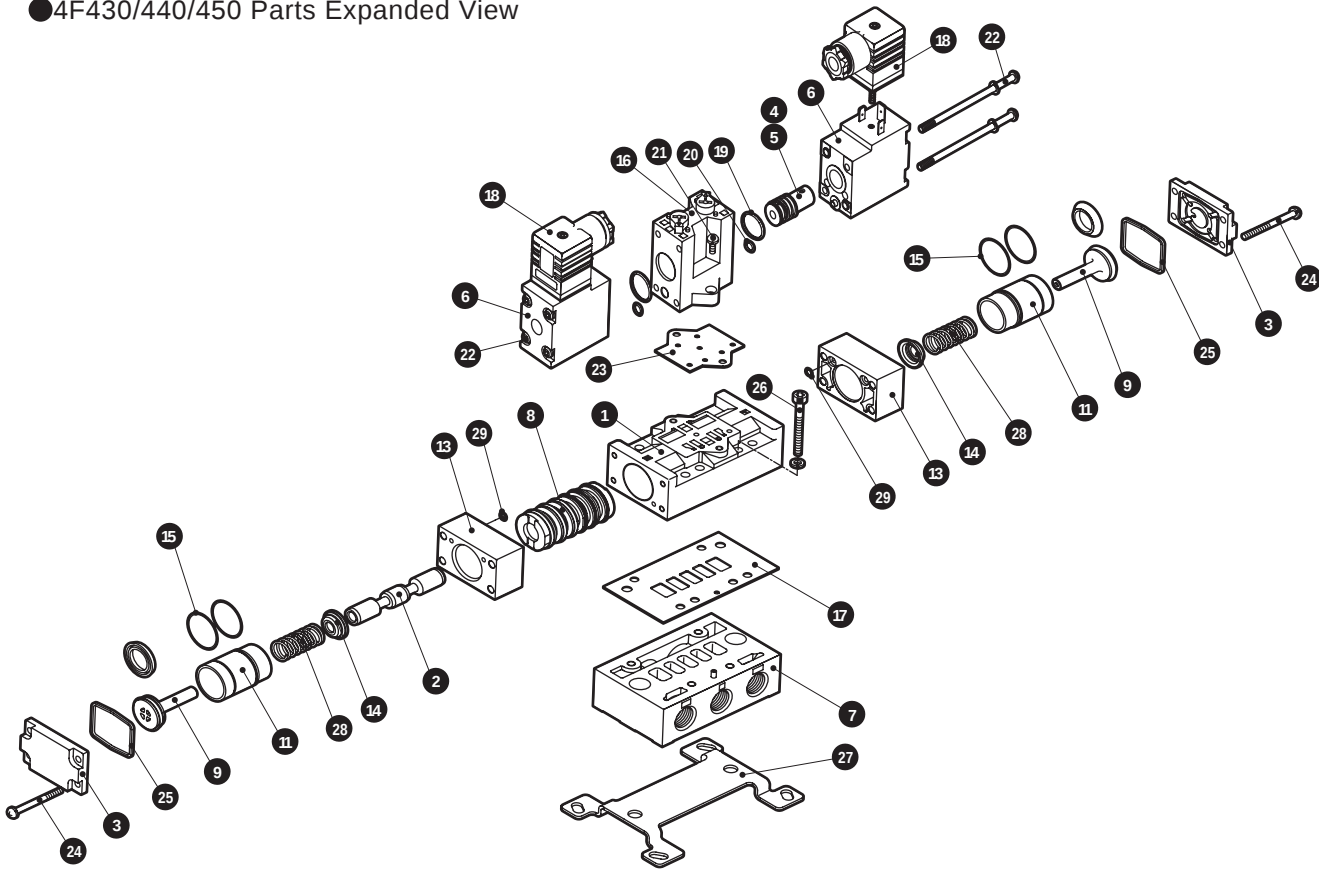
●4F410 Parts Expanded View



●4F420 Parts Expanded View



●4F430/440/450 Parts Expanded View



●Consumable parts

Part name	Part model No.	No.	Quantity
Consumable parts kit 4F410	4F410-K (Same part as 4F3)	10 8 9	1 1 1
Consumable parts kit 4F420	4F420-K (Same part as 4F3)	8	1
Consumable parts kit 4F430/ 440/450	4F430-K (Same part as 4F3)	9	2
Sealant assembly	4F9-106 (Same part as 4F3)	8	1
Piston assembly (A) large (4F410/420)	4F9-104 (Same part as 4F3)	9	1
Piston assembly (B) small (4F410)	4F9-103 (Same part as 4F3)	10	1
Piston assembly (A) (4F430/440/450)	4F9-114 (Same part as 4F3)	9	2
Spool	4F410/420 4F430 4F440 4F450	4F410-SPOOL 4F430-SPOOL 4F440-SPOOL 4F450-SPOOL	2 1
Cylinder -A (large) (O-ring included) (4F410/420)	4F410-CYLINDER-A (Same part as 4F3)	11	1
Cylinder-B (small) (O-ring included) (4F410)	4F410-CYLINDER-B (Same part as 4F3)	12	1
Cylinder -A (O-ring included) (4F430/440/450)	4F430-CYLINDER-A (Same part as 4F3)	11	1
Sub-plate gasket	4F4-SUB-BASE-GASKET	17	1
Pilot check valve Gasket (4F4-7)	4F4-PILOT-GASKET	23	1
Gasket kit (4F410)	4F410-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F420)	4F420-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F430/440/450)	4F430-GASKET-KIT	19 20 25 29	2 2 2 4
Spring (4F430/440/450)	4F430-SPRING (Same part as 4F3)	28	1

●Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F4-MOUNT-PLATE-KIT-P	27	1 1 1
Hexagon socket plug (With sealant)	Port size Rc1/4 4F9-PLUG-R1/4 Port size Rc3/8 4F9-PLUG-R3/8	-	1
Packing box/label	[Full model number]-PB-KIT	-	1
Check valve	AC-8A AC-10A	-	1

●Coil

Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11)	4F410-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
DIN terminal box for L (Pg11)	4F410-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
DIN terminal box for F (G1/2)	4F410-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Grommet lead wire for E (without conduit)	4F410-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	6	1
Grommet for E1 Lead wire (CTC19)	4F410-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Grommet for E2 Lead wire (G1/2)	4F410-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Round terminal box for B (G1/2)	4F410-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
Round terminal box for BL (G1/2)	4F410-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Round terminal box for B1 (G3/4)	4F410-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4

●Pilot actuator assembly

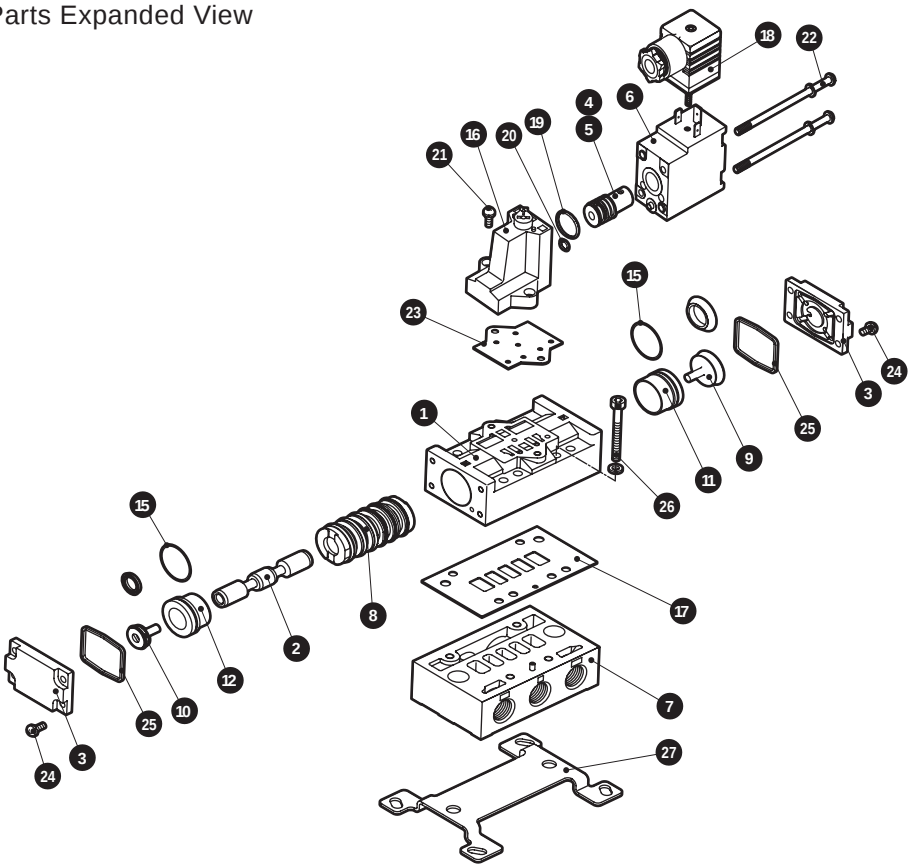
Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator	Solenoid position:1(4F410) 4F410-PLT-ACTUATOR- Voltage	6 18 4 19 16 20 21 23 22	1 1 1 2 1 4
	Solenoid position:2/3/4/5 (4F420/430 440/450) 4F420-PLT-ACTUATOR- Voltage	6 18 4 19 20 21 16 23 22	2 2 2 1 8
Manual lever	4F9-M3-MANUAL-LEVER	—	1
Pilot valve assembly (without coil) 4F410	Solenoid position:1(4F410) Internal pilot (blank) • Manual locking (blank) 4F410-PILOT-ASSY • Non-locking (M2) 4F410-M2-PILOT-ASSY • Locking with lever (M3) 4F410-M3-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
4F420	Solenoid position:2/3/4/5 (4F420/430 440/450) Internal pilot (blank) • Manual locking (blank) 4F420-PILOT-ASSY • Non-locking (M2) 4F420-M2-PILOT-ASSY • Locking with lever (M3) 4F420-M3-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1
	Solenoid position:1(4F410) External pilot (K) • Manual locking (blank) 4F410-K-PILOT-ASSY • Non-locking (M2) 4F410-M2K-PILOT-ASSY • Locking with lever (M3) 4F410-M3K-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
	Solenoid position:2/3/4/5 (4F420/430 440/450) External pilot (K) • Manual locking (blank) 4F420-K-PILOT-ASSY • Non-locking (M2) 4F420-M2K-PILOT-ASSY • Locking with lever (M3) 4F420-M3K-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1

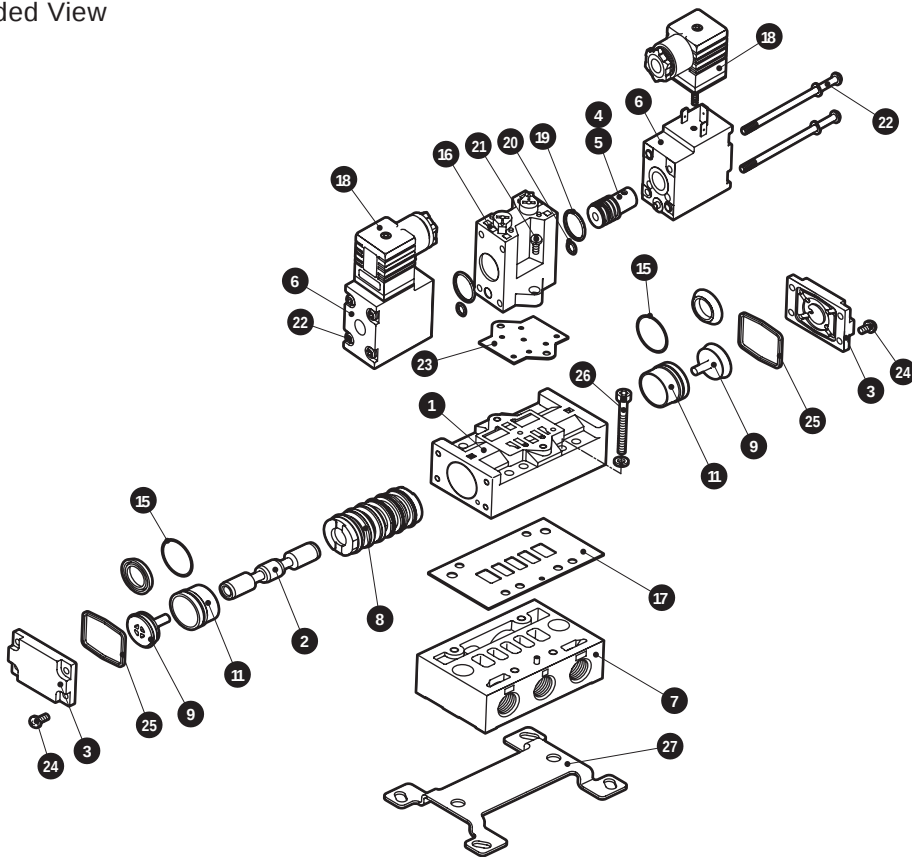
Part name	Name/model No.	No.	Quantity
Cap parts	4F410-CAP-KIT (4F410/420)	3	1
4F410,420 4F430,440,450	4F430-CAP-KIT (4F430/440/450)	25 24	1 4
Body assembly 4F410,420 4F430,440,450	4F410-BODY-ASSY 4F420-BODY-ASSY 4F430-BODY-ASSY 4F440-BODY-ASSY 4F450-BODY-ASSY	1 8 2 (12) (10) 25 3 24 26 11 9	1 1 1 (1) (1) 2 2 8 4 2(1) 2(1)
	*For solenoid positions "3", "4" and "5", the following parts are included	29 13 14 28	8 2 2 2
Discrete sub-plate	4F4-08-SUB-BASE-KIT 4F4-10-SUB-BASE-KIT	17 7	1 1
Sub-plate mounting screw	4F4-SET-SCREW	26	4

4F5 Series

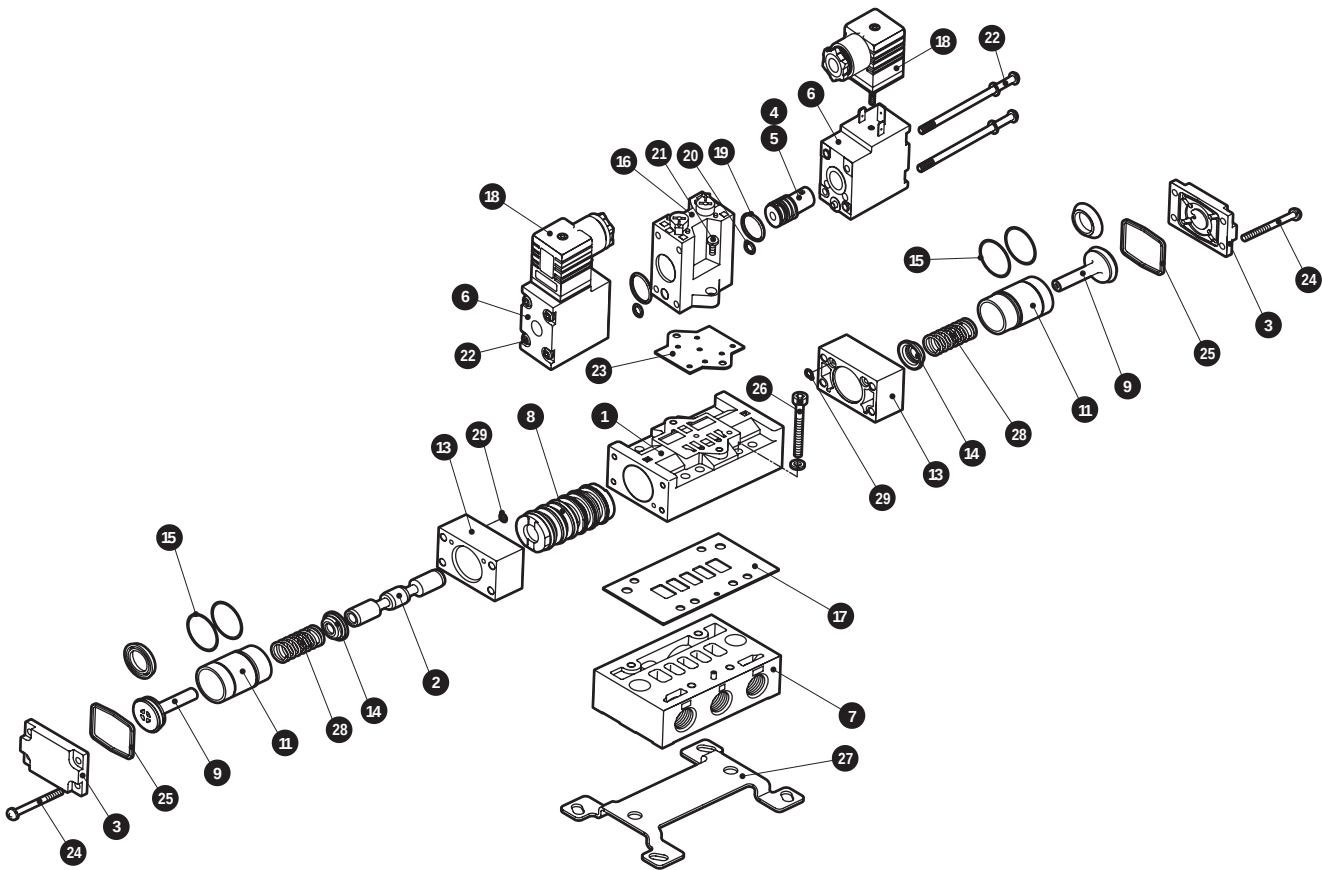
4F510 Parts Expanded View



4F520 Parts Expanded View



4F530/540/550 Parts Expanded View



●Consumable parts

Part name	Part model No.	No.	Quantity
Consumable parts kit 4F510	4F510-K	10 8 9	1 1 1
Consumable parts kit 4F520	4F520-K	8	1
Consumable parts kit 4F530/ 540/550	4F530-K	9	2
Sealant assembly	4F9-107	8	1
Piston assembly (A) large (4F510/520)	4F9-108	9	1
Piston assembly (B) small (4F510)	4F9-109	10	1
Piston assembly (A) (4F530/540/550)	4F9-115	9	2
Spool	4F510/520 4F530 4F540 4F550	4F510-SPOOL 4F530-SPOOL 4F540-SPOOL 4F550-SPOOL	2 1 1 1
Cylinder -A (large) (O-ring included) (4F510/520)	4F510-CYLINDER-A	11	1
Cylinder-B (small) (O-ring included) 4F510	4F510-CYLINDER-B	12	1
Cylinder -A (O-ring included) (4F530/540/550)	4F530-CYLINDER-A	11	1
Sub-plate gasket	4F5-SUB-BASE-GASKET	17	1
Pilot check valve Gasket (4F4-7)	4F4-PILOT-GASKET	23	1
Gasket kit (4F510)	4F510-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F520)	4F520-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F530/540/550)	4F530-GASKET-KIT	19 20 25 29	2 2 2 4
Spring (4F530/540/550)	4F530-SPRING	28	1

●Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F5-MOUNT-PLATE-KIT-P	27	1
Hexagon socket plug (With sealant)	Port size Rc3/8 4F9-PLUG-R3/8 Port size Rc1/2 4F9-PLUG-R1/2	-	1
Packing box/label	[Full model number]-PB-KIT	-	1
Check valve	AC-8A AC-10A	-	1

●Coil

Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11)	4F510-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
DIN terminal box for L (Pg11)	4F510-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
DIN terminal box for F (G1/2)	4F510-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Grommet lead wire for E (without conduit)	4F510-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	6	1
Grommet for E1 Lead wire (CTC19)	4F510-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Grommet for E2 Lead wire (G1/2)	4F510-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Round terminal box for B (G1/2)	4F510-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
Round terminal box for BL (G1/2)	4F510-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Round terminal box for B1 (G3/4)	4F510-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4

●Pilot actuator assembly

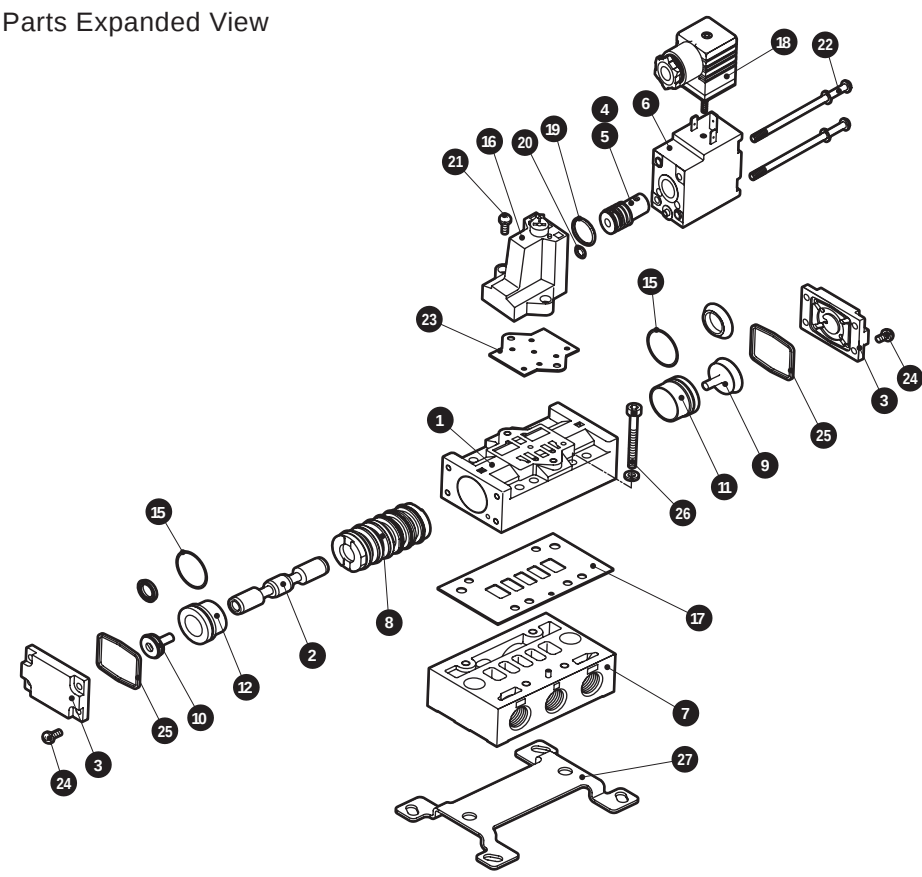
Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator	Solenoid position:1(4F510) 4F410-PLT-ACTUATOR- Voltage	6 18 4 19 16 20 21 23 22	1 1 1 2 1 4
	Solenoid position:2/3/4/5 (4F520/530 540/550) 4F420-PLT-ACTUATOR- Voltage	6 18 4 19 20 21 16 23 22	2 2 2 1 8
Note)Add a price by the selection option. Note) Including gasket and screws			
Manual lever	4F9-M3-MANUAL-LEVER	-	1
Pilot valve assembly (without coil)	Solenoid position:1(4F510) Internal pilot (blank) • Manual locking (blank) 4F410-PILOT-ASSY • Non-locking (M2) 4F410-M2-PILOT-ASSY • Locking with lever (M3) 4F410-M3-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
4F510	Solenoid position:2/3/4/5 (4F520/530 540/550) Internal pilot (blank) • Manual locking (blank) 4F420-PILOT-ASSY • Non-locking (M2) 4F420-M2-PILOT-ASSY • Locking with lever (M3) 4F420-M3-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1
4F520	Solenoid position:1(4F510) External pilot (K) • Manual locking (blank) 4F410-K-PILOT-ASSY • Non-locking (M2) 4F410-M2K-PILOT-ASSY • Locking with lever (M3) 4F410-M3K-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
Note) Including gasket and screws	Solenoid position:2/3/4/5 (4F520/530 540/550) External pilot (K) • Manual locking (blank) 4F420-K-PILOT-ASSY • Non-locking (M2) 4F420-M2K-PILOT-ASSY • Locking with lever (M3) 4F420-M3K-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1

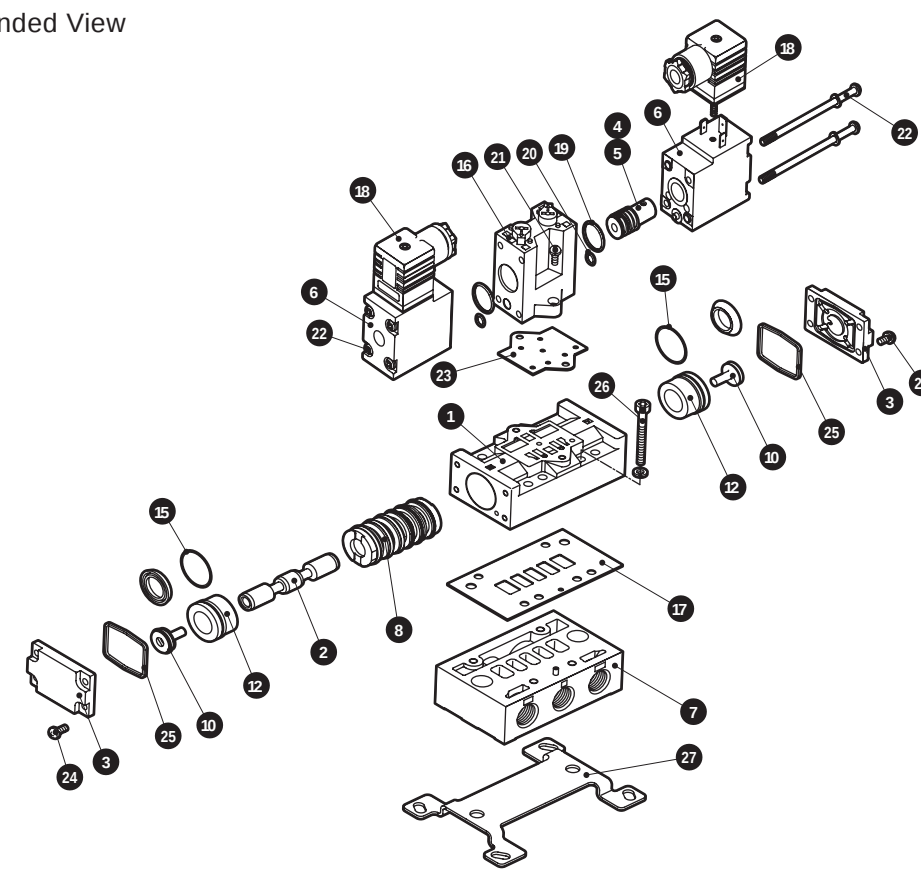
Part name	Name/model No.	No.	Quantity
Cap parts	4F510-CAP-KIT (4F510/520)	3	1
4F510,520 4F530,540,550	4F530-CAP-KIT (4F530/540/550)	25 24	1 4
Note) Including gasket and screws			
Body assembly 4F510,520 4F530,540,550	4F510-BODY-ASSY 4F520-BODY-ASSY 4F530-BODY-ASSY 4F540-BODY-ASSY 4F550-BODY-ASSY	1 8 2 (12) (10) 25	1 1 1 (1) (1) 2
4F510		3 24 26 11 9	2 8 4 2(1) 2(1)
*For solenoid positions "3", "4" and "5", the following parts are included		29 13 14 28	8 2 2 2
() shows 4F510. Note) Including screws			
Discrete sub-plate	4F5-10-SUB-BASE-KIT 4F5-15-SUB-BASE-KIT	17 7	1 1
Sub-plate mounting screw	4F5-SET-SCREW	26	4

4F6 Series

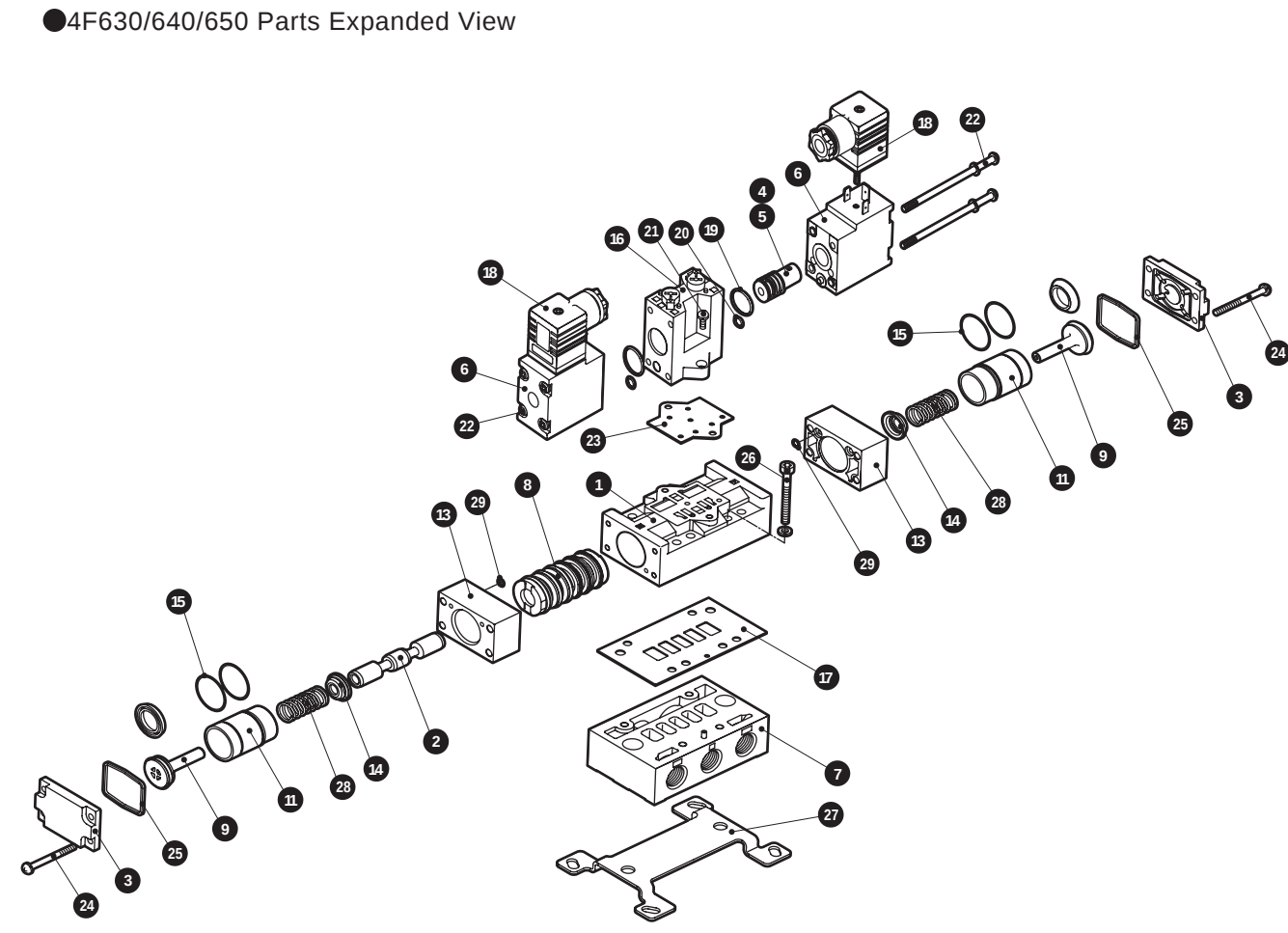
4F610 Parts Expanded View



4F620 Parts Expanded View



4F630/640/650 Parts Expanded View



●Consumable parts

Part name	Part model No.	No.	Quantity
Consumable parts kit 4F610	4F610-K	10 8 9	1 1 1
Consumable parts kit 4F620	4F620-K	8 10	1 2
Consumable parts kit 4F630/ 640/650	4F630-K	8 9	1 2
Sealant assembly	4F9-118	8	1
Piston assembly (A) large (4F610)	4F9-117	9	1
Piston assembly (B) small (4F610/620)	4F9-116	10	1
Piston assembly (A) (4F630/640/650)	4F9-122	9	2
Spool	4F610/620 4F630 4F640 4F650	4F610-SPOOL 4F630-SPOOL 4F640-SPOOL 4F650-SPOOL	2 1
Cylinder -A (large) (O-ring included) (4F610)	4F610-CYLINDER-A	11	1
Cylinder-B (small) (O-ring included) (4F610/620)	4F610-CYLINDER-B	12	1
Cylinder -A (O-ring included) (4F630/640/650)	4F630-CYLINDER-A	11	1
Sub-plate gasket	4F6-SUB-BASE-GASKET	17	1
Pilot check valve gasket (4F4-7)	4F4-PILOT-GASKET	23	1
Gasket kit (4F610)	4F610-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F620)	4F620-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F630/640/650)	4F630-GASKET-KIT	19 20 25 29	2 2 2 4
Spring (4F630/640/650)	4F630-SPRING	28	1

●Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F6-MOUNT-PLATE-KIT-P	27	1
Hexagon socket plug (With sealant)	Port size Rc1/2 4F9-PLUG-R1/2 Port size Rc3/4 4F9-PLUG-R3/4	-	1
Packing box/label	[Full model number]-PB-KIT	-	1
Check valve	AC-8A AC-10A	-	1

●Coil

Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11)	4F610-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
DIN terminal box for L (Pg11)	4F610-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
DIN terminal box for F (G1/2)	4F610-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Grommet lead wire for E (without conduit)	4F610-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	6	1
Grommet lead wire for E1 (CTC19)	4F610-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Grommet lead wire for E2 (G1/2)	4F610-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Round terminal box for B (G1/2)	4F610-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
Round terminal box for BL (G1/2)	4F610-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Round terminal box for B1 (G3/4)	4F610-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4

●Pilot actuator assembly

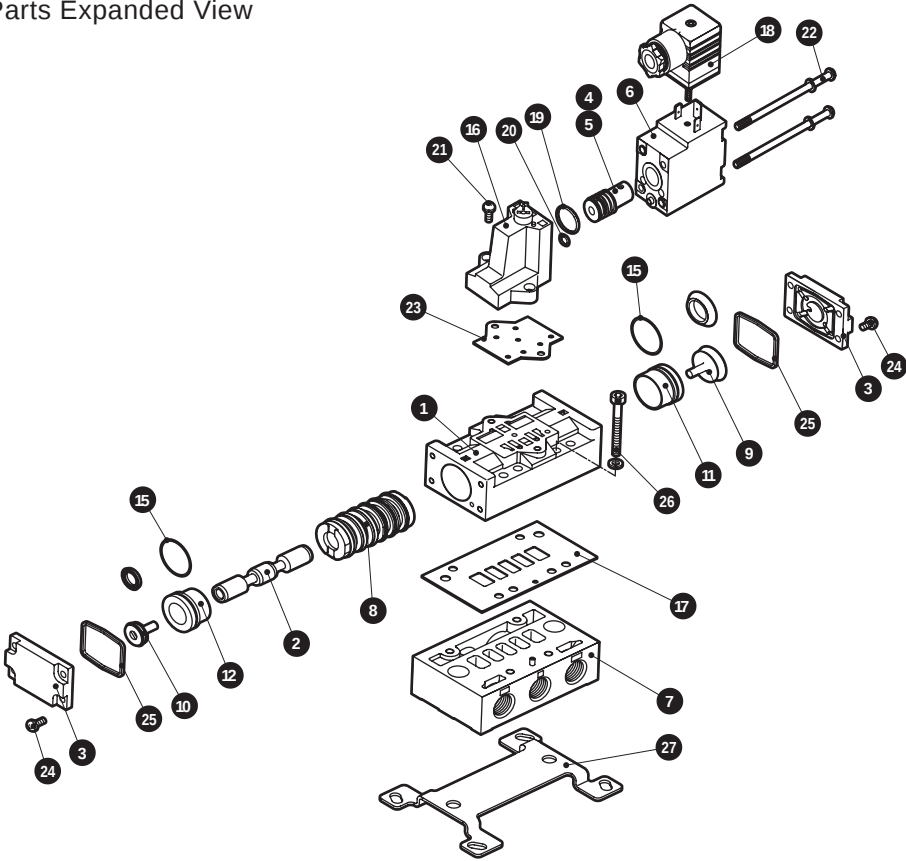
Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator	Solenoid position:1(4F610) 4F410-PLT-ACTUATOR- Voltage	6 18 4 19 16 20 21 23 22	1 1 1 2 1 4
	Solenoid position:2/3/4/5 (4F620/630 640/650) 4F420-PLT-ACTUATOR- Voltage	6 18 4 19 20 21 16 23 22	2 2 2 1 8
Note)Add a price by the selection option. Note) Including gasket and screws			
Manual lever	4F9-M3-MANUAL-LEVER	-	1
Pilot valve assembly (without coil)	Solenoid position:1(4F610) Internal pilot (blank) • Manual locking (blank) 4F410-PILOT-ASSY • Non-locking (M2) 4F410-M2-PILOT-ASSY • Locking with lever (M3) 4F410-M3-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
4F610			
4F620	Solenoid position:2/3/4/5 (4F620/630 640/650) Internal pilot (blank) • Manual locking (blank) 4F420-PILOT-ASSY • Non-locking (M2) 4F420-M2-PILOT-ASSY • Locking with lever (M3) 4F420-M3-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1
Note) Including gasket and screws			
	Solenoid position:1(4F610) External pilot (K) • Manual locking (blank) 4F410-K-PILOT-ASSY • Non-locking (M2) 4F410-M2K-PILOT-ASSY • Locking with lever (M3) 4F410-M3K-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
	Solenoid position:2/3/4/5 (4F620/630 640/650) External pilot (K) • Manual locking (blank) 4F420-K-PILOT-ASSY • Non-locking (M2) 4F420-M2K-PILOT-ASSY • Locking with lever (M3) 4F420-M3K-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1

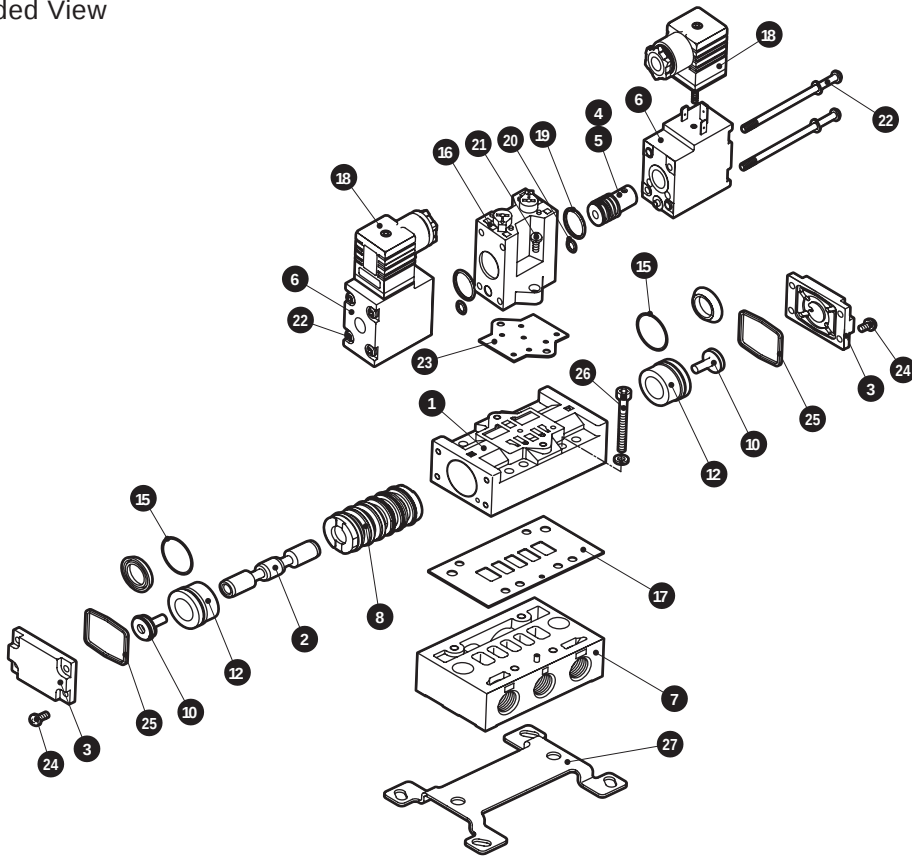
Part name	Name/model No.	No.	Quantity
Cap parts	4F610-CAP-KIT (4F610/620)	3	1
4F610,620 4F630,640,650	4F630-CAP-KIT (4F630/640/650)	25 24	1 4
Note) Including gasket and screws			
Body assembly 4F610 4F630,640,650	4F610-BODY-ASSY	1	1
4F610,620 4F630,640,650	4F620-BODY-ASSY	8	1
	4F630-BODY-ASSY	2	1
	4F640-BODY-ASSY	(12)	(1)
	4F650-BODY-ASSY	(10)	(1)
		25 3	2 2
4F610		24	8
		26	5
4F620		11	2(1)
		9	2(1)
		Added when 4F630/640/650	
		29	8
		13	2
		14	2
		28	2
		*For solenoid positions "3", "4" and "5", the following parts are included	
Discrete sub-plate	4F6-15-SUB-BASE-KIT	17	1 1
	4F6-20-SUB-BASE-KIT	7	
Sub-plate mounting screw	4F6-SET-SCREW	26	4

4F7 Series

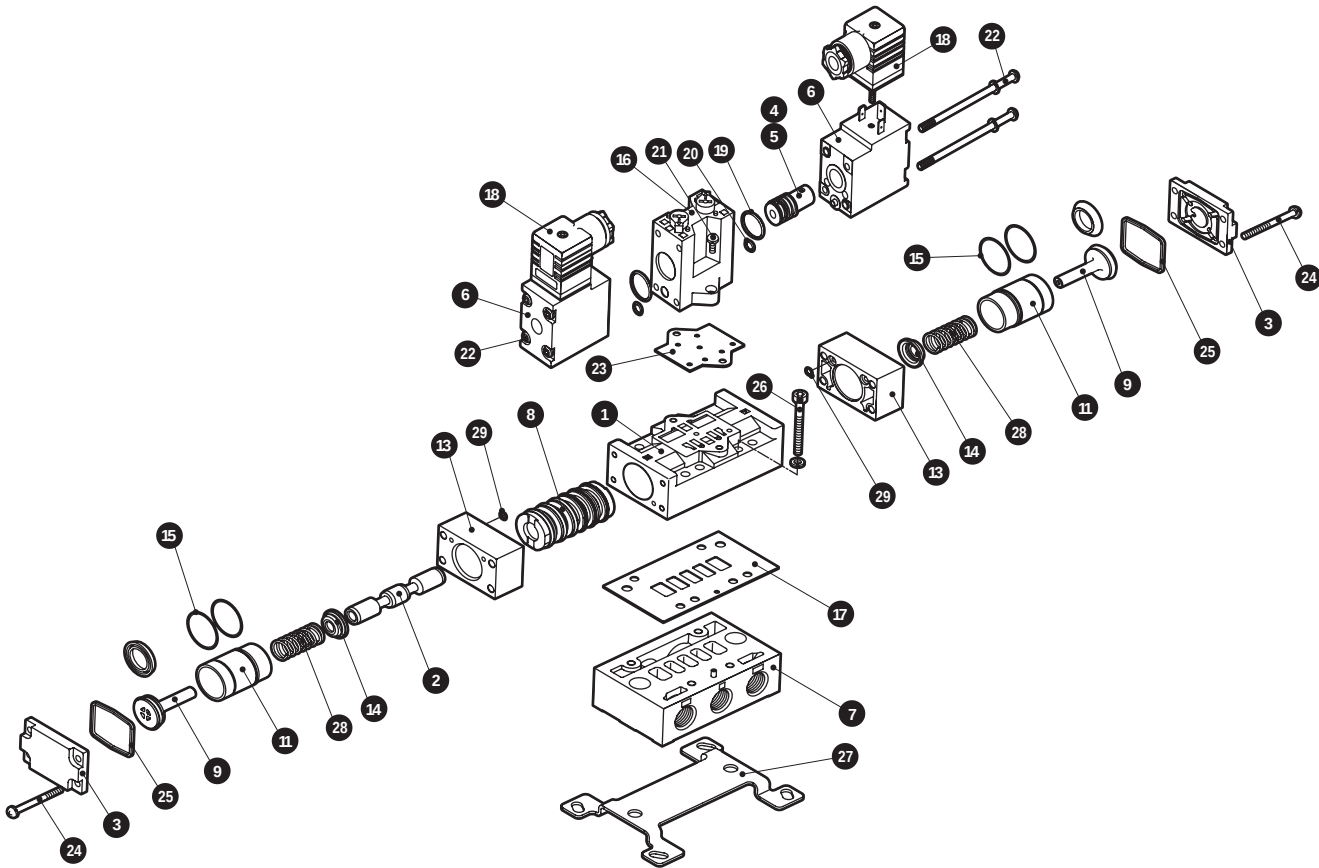
4F710 Parts Expanded View



4F720 Parts Expanded View



4F730/740/750 Parts Expanded View



●Consumable parts

Part name	Part model No.	No.	Quantity
Consumable parts kit 4F710	4F710-K	10 8 9	1 1 1
Consumable parts kit 4F720	4F720-K	8 10	1 2
Consumable parts kit 4F730/ 740/750	4F730-K	8 9	1 2
Sealant assembly	4F9-119	8	1
Piston assembly (A) large (4F710)	4F9-117	9	1
Piston assembly (B) small (4F710/720)	4F9-120	10	1
Piston assembly (A) (4F730/740/750)	4F9-123	9	2
Spool	4F710/720 4F730 4F740 4F750	4F710-SPOOL 4F730-SPOOL 4F740-SPOOL 4F750-SPOOL	2 1
Cylinder -A (large) (O-ring included) (4F710)	4F710-CYLINDER-A	11	1
Cylinder-B (small) (O-ring included) (4F710/720)	4F710-CYLINDER-B	12	1
Cylinder -A (O-ring included) (4F730/740/750)	4F730-CYLINDER-A	11	1
Sub-plate gasket	4F7-SUB-BASE-GASKET	17	1
Pilot check valve gasket (4F4-7)	4F4-PILOT-GASKET	23	1
Gasket kit (4F710)	4F710-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F720)	4F720-GASKET-KIT	19 20 25	1 1 2
Gasket kit (4F730/740/750)	4F730-GASKET-KIT	19 20 25 29	2 2 2 4
Spring (4F730/740/750)	4F730-SPRING	28	1

●Included parts

Part name	Part model No.	No.	Quantity
Mounting plate (P)	4F7-MOUNT-PLATE-KIT-P	27	1
Hexagon socket plug (With sealant)	Port size Rc3/4 4F9-PLUG-R3/4 Port size Rc1 4F9-PLUG-R1	-	1
Packing box/label	[Full model number]-PB-KIT	-	1
Check valve	AC-8A AC-10A	-	1

●Coil

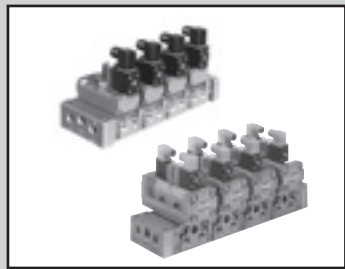
Part name	Part model No.	No.	Quantity
Standard DIN terminal box (Pg11)	4F710-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
DIN terminal box for L (Pg11)	4F710-L-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
DIN terminal box for F (G1/2)	4F710-F-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Grommet lead wire for E (without conduit)	4F710-E-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	6	1
Grommet for E1 Lead wire (CTC19)	4F710-E1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Grommet for E2 Lead wire (G1/2)	4F710-E2-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4
Round terminal box for B (G1/2)	4F710-B-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	18 6	1 1
Round terminal box for BL (G1/2)	4F710-BL-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	4 19 20	1 1 1
Round terminal box for B1 (G3/4)	4F710-B1-COIL- Voltage Voltage:100 VAC/200 VAC/ 24 VDC/12 VDC 110 VAC/220 VAC	22	4

●Pilot actuator assembly

Voltage:1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC), 6(220 VAC)
Model No.: (example) Manual override is locking type (Blank)

Part name	Name/model No.	No.	Quantity
Pilot actuator	Solenoid position:1(4F710) 4F410-PLT-ACTUATOR- Voltage	6 18 4 19 16 20 21 23 22	1 1 1 2 1 4
	Solenoid position:2/3/4/5 (4F720/730 740/750) 4F420-PLT-ACTUATOR- Voltage	6 18 4 19 20 21 16 23 22	2 2 2 1 8
Note)Add a price by the selection option. Note) Including gasket and screws			
Manual lever	4F9-M3-MANUAL-LEVER	—	1
Pilot valve assembly (without coil)	Solenoid position:1(4F710) Internal pilot (blank) • Manual locking (blank) 4F410-PILOT-ASSY • Non-locking (M2) 4F410-M2-PILOT-ASSY • Locking with lever (M3) 4F410-M3-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
4F710			
4F720	Solenoid position:2/3/4/5 (4F720/730 740/750) Internal pilot (blank) • Manual locking (blank) 4F420-PILOT-ASSY • Non-locking (M2) 4F420-M2-PILOT-ASSY • Locking with lever (M3) 4F420-M3-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1
Note) Including gasket and screws			
	Solenoid position:1(4F710) External pilot (K) • Manual locking (blank) 4F410-K-PILOT-ASSY • Non-locking (M2) 4F410-M2K-PILOT-ASSY • Locking with lever (M3) 4F410-M3K-PILOT-ASSY	19 20 16 21 23	1 1 1 2 1
	Solenoid position:2/3/4/5 (4F720/730 740/750) External pilot (K) • Manual locking (blank) 4F420-K-PILOT-ASSY • Non-locking (M2) 4F420-M2K-PILOT-ASSY • Locking with lever (M3) 4F420-M3K-PILOT-ASSY	19 20 16 21 23	2 2 1 2 1

Part name	Name/model No.	No.	Quantity
Cap parts	4F710-CAP-KIT (4F710/720)	3	1
4F710,720 4F730,740,750	4F730-CAP-KIT (4F730/740/750)	25 24	1 4
Note) Including gasket and screws			
Body assembly 4F710 4F730,740,750	4F710-BODY-ASSY	1	1
4F710,720 4F730,740,750	4F720-BODY-ASSY	8	1
	4F730-BODY-ASSY	2	1
	4F740-BODY-ASSY	(12)	(1)
	4F750-BODY-ASSY	(10)	(1)
		25 3	2 2
4F710		24	8
4F720		26	4
		11	2(1)
		9	2(1)
			Added when 4F730/740/750
		29	8
		13	2
		14	2
		28	2
			() shows 4F710. Note) Including screws
Discrete sub-plate	4F7-20-SUB-BASE-KIT	17	1 1
	4F7-25-SUB-BASE-KIT	7	
Sub-plate mounting screw	4F7-SET-SCREW	26	4

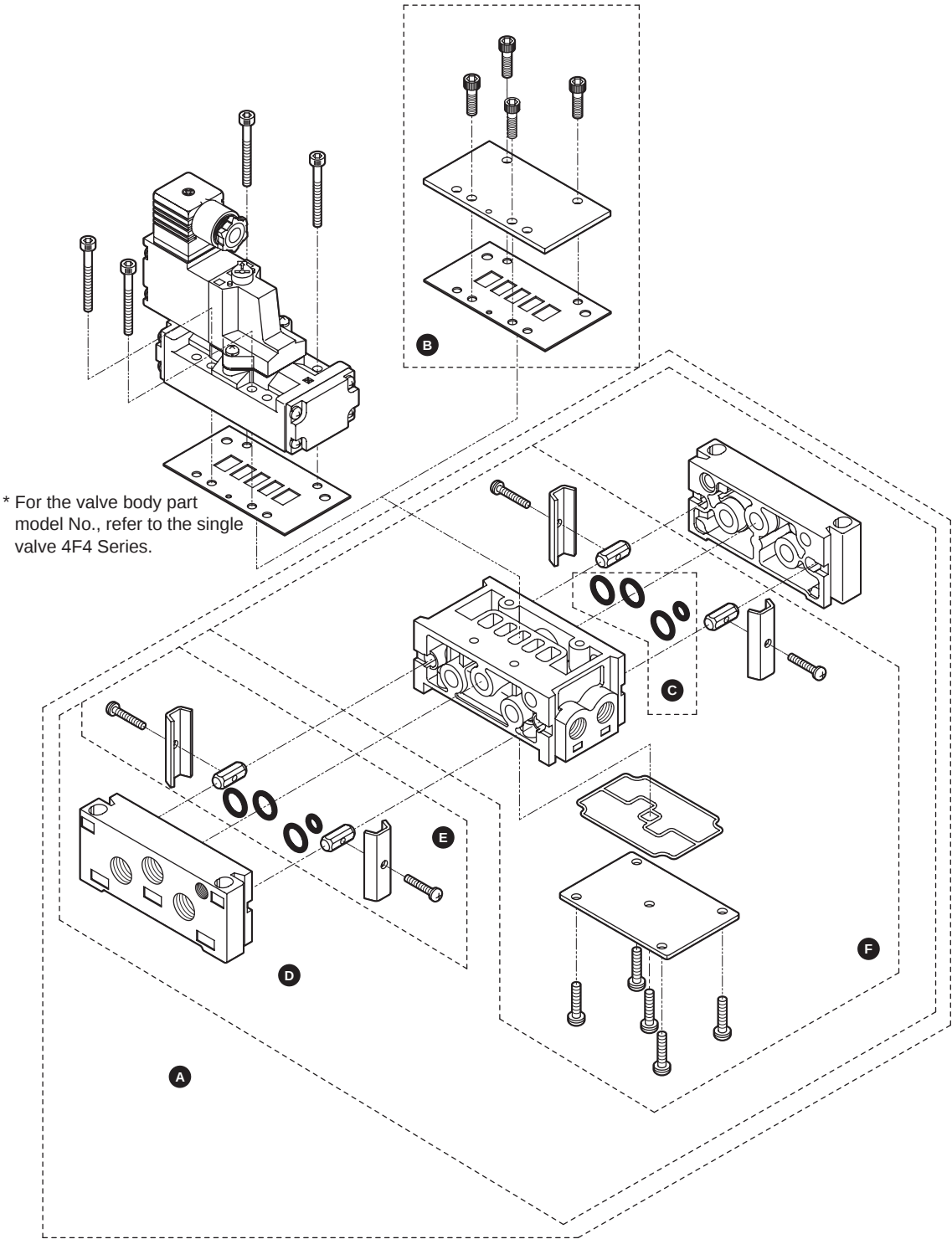


Individual wiring manifold/Sub-platePiping
Pilot operated 5-port pneumatic valve

M4F4/5/6/7 Series

M4F4 Series

Parts Expanded View

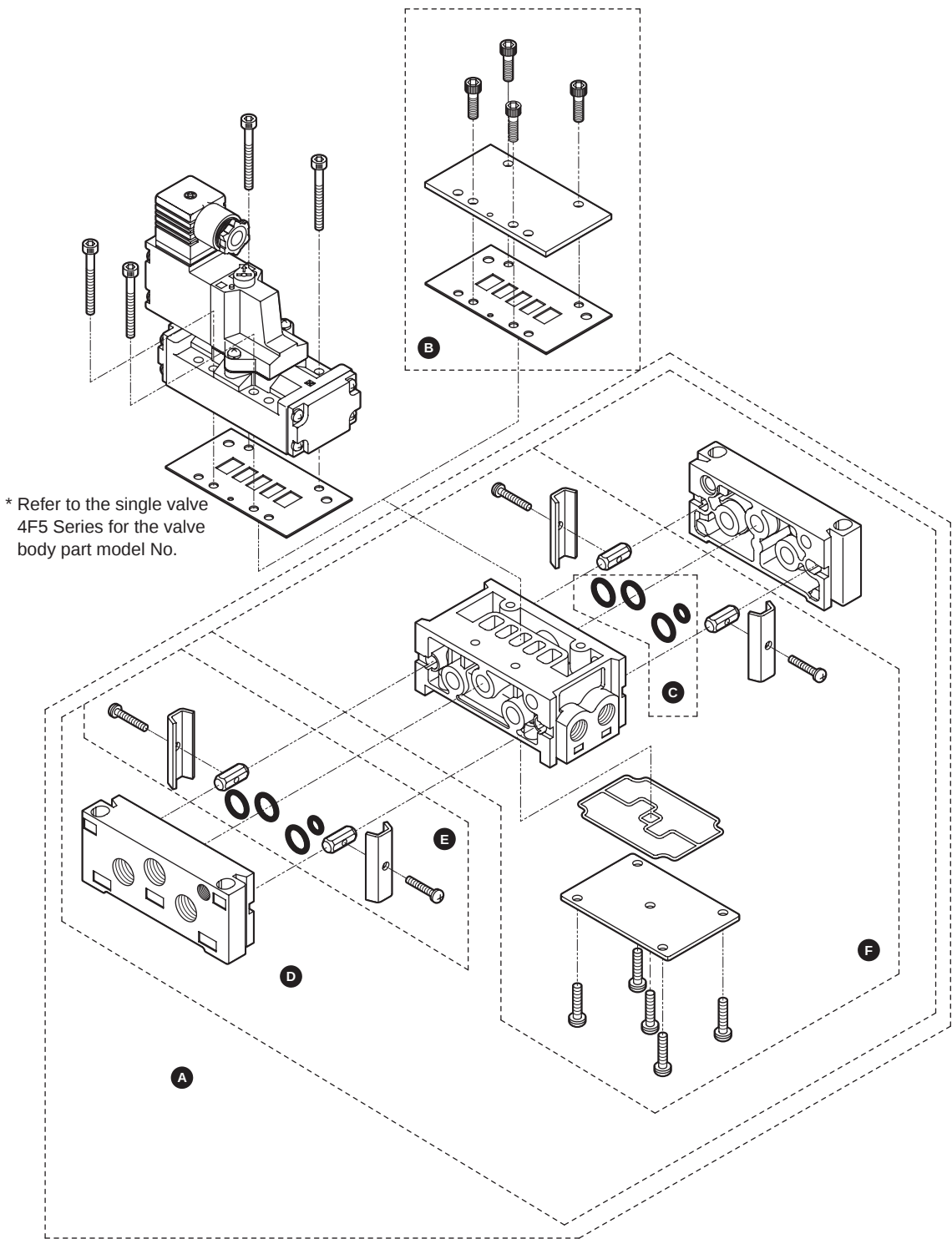


Note) 2 to 10 stations are standard manifolds.

Part name	Part model No.	No.	Quantity
Sub-plate kit 08(Rc1/4)	2 stations	A	1
	3 stations		
	4 stations		
	5 stations		
	6 stations		
	7 stations		
	8 stations		
	9 stations		
	10 stations		
	M4F4-08-2-C-SUB-BASE-KIT		
Masking plate kit	M4F4-08-3-C-SUB-BASE-KIT	B	1
	M4F4-08-4-C-SUB-BASE-KIT		
	M4F4-08-5-C-SUB-BASE-KIT		
	M4F4-08-6-C-SUB-BASE-KIT		
	M4F4-08-7-C-SUB-BASE-KIT		
	M4F4-08-8-C-SUB-BASE-KIT		
	M4F4-08-9-C-SUB-BASE-KIT		
	M4F4-08-10-C-SUB-BASE-KIT		
	M4F4-MP-KIT		
	M4F4-GASKET-KIT	C	1
Gasket kit	M4F4-SUB-END-RL-KIT		
	M4F4-BRACKET-KIT		
	M4F4-08-C-SUB-BASE-KIT		
	M4F4-DIVISION-PLATE		
	4F9-980		
	4F9-982		
	4F4-F2-SUB-BASE-GASKET		
	4F4-F3-SUB-BASE-GASKET		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
One station expansion manifold sub-plate kit	4F4-FS2/FD2	D	1
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
Partition plate (individual exhaust)	4F4-FS2/FD2	E	1
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
Adaptor kit	4F4-FS2/FD2	F	1
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
Sub-plate gasket	4F4-FS2/FD2	G	1
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		
	4F4-FS2/FD2		
	4F4-FS3/FD3		

M4F5 Series

Parts Expanded View

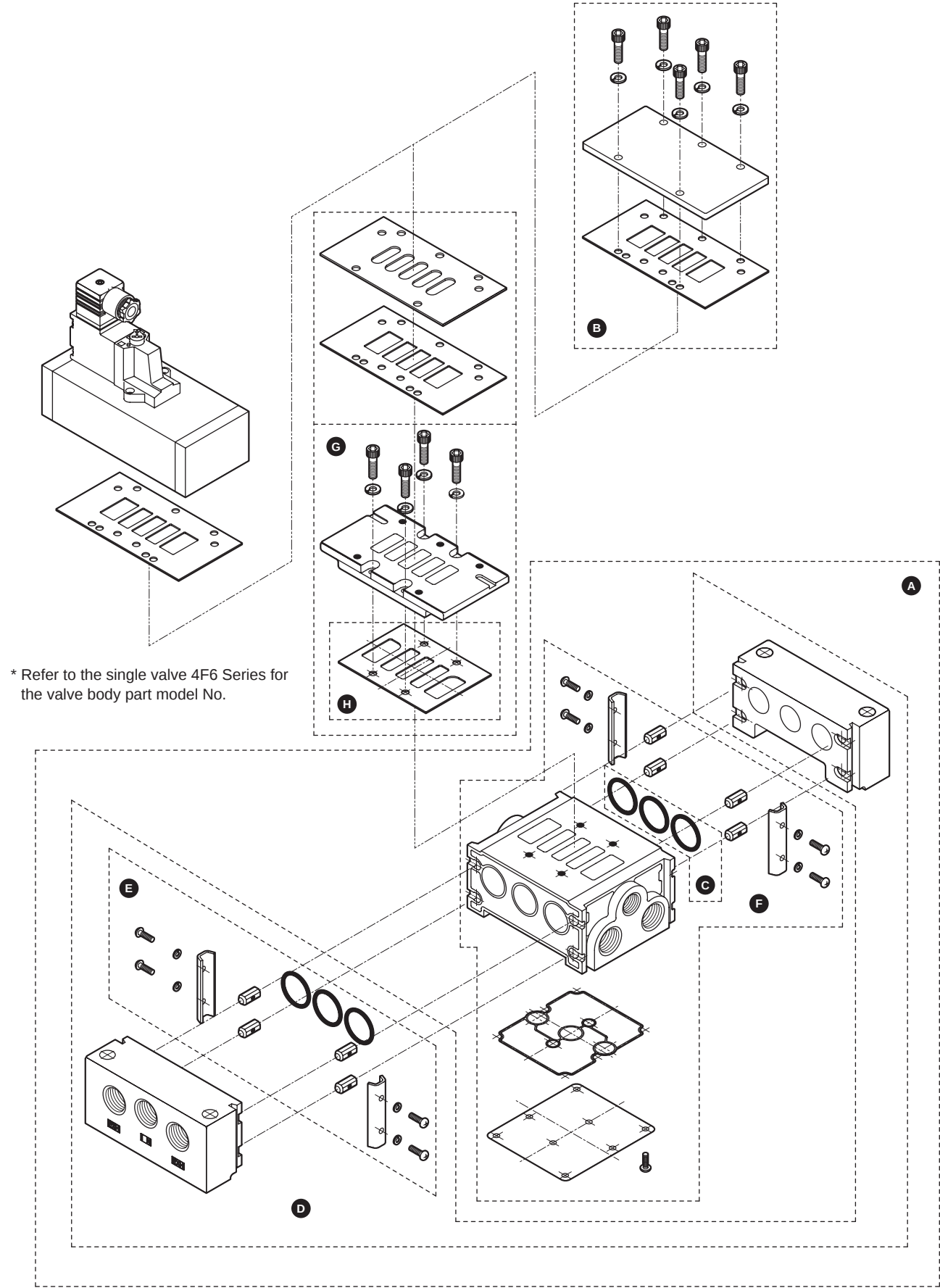


Note) 2 to 10 stations are standard manifolds.

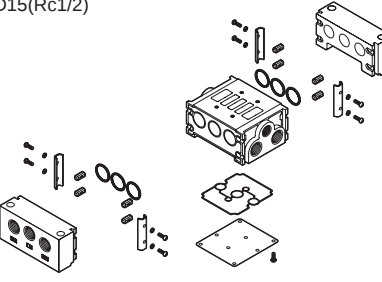
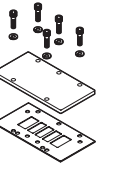
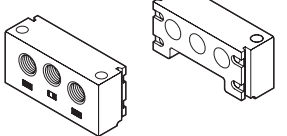
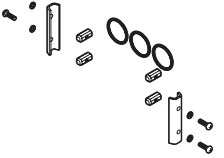
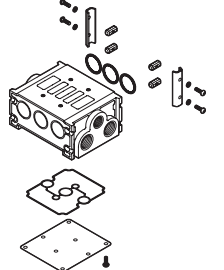
Part name		Part model No.	No.	Quantity
Sub-plate kit 10(Rc3/8)	2 stations	M4F5-10-2-C-SUB-BASE-KIT	A	1
	3 stations	M4F5-10-3-C-SUB-BASE-KIT		
	4 stations	M4F5-10-4-C-SUB-BASE-KIT		
	5 stations	M4F5-10-5-C-SUB-BASE-KIT		
	6 stations	M4F5-10-6-C-SUB-BASE-KIT		
	7 stations	M4F5-10-7-C-SUB-BASE-KIT		
	8 stations	M4F5-10-8-C-SUB-BASE-KIT		
	9 stations	M4F5-10-9-C-SUB-BASE-KIT		
	10 stations	M4F5-10-10-C-SUB-BASE-KIT		
Masking plate kit		M4F5-MP-KIT	B	1
Gasket kit		M4F5-GASKET-KIT	C	1
Sub end		M4F5-SUB-END-RL-KIT	D	1
Connecting bracket kit		M4F5-BRACKET-KIT	E	1
1-station expansion manifold Sub-plate kit		M4F5-10-C-SUB-BASE-KIT	F	1
Partition plate (individual exhaust)		M4F5-DIVISION-PLATE	-	1
Adaptor kit	Adapter for FS/ FD Series base mounting	4F5-FS3/FD3	-	1
		4F5-FS4/FD4		
Sub-plate gasket		4F5-F3-SUB-BASE-GASKET	-	-
		4F5-F4-SUB-BASE-GASKET		

M4F6 Series

Parts Expanded View

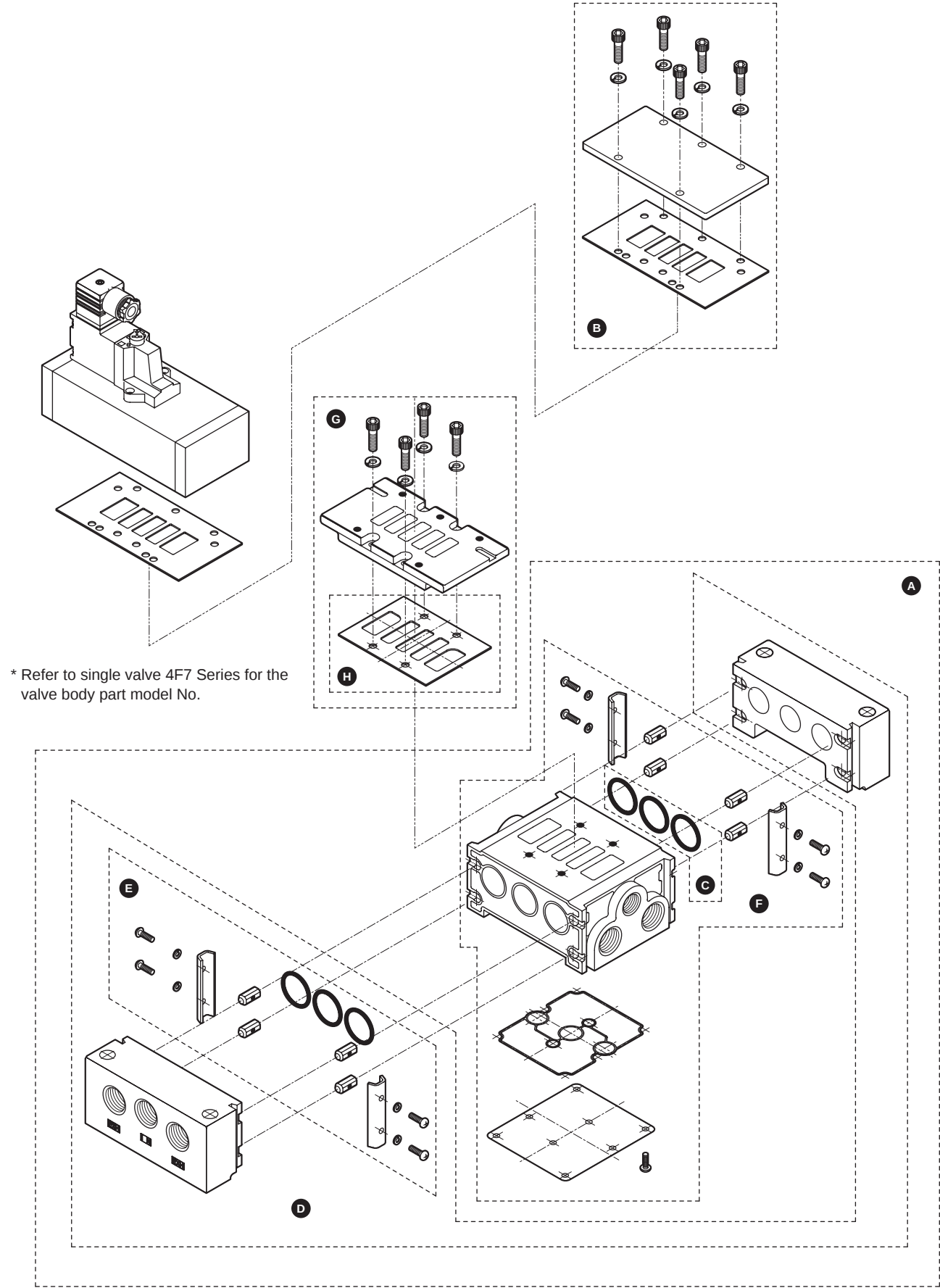


Note) 2 to 10 stations are standard manifolds.

Part name	Part model No.	No.	Quantity
Sub-plate kit D15(Rc1/2) 	2 stations	A	1
	3 stations		
	4 stations		
	5 stations		
	6 stations		
	7 stations		
	8 stations		
	9 stations		
	10 stations		
	M4F6-D15-10-C-SUB-BASE-KIT		
Masking plate kit 	M4F6-D15-MP-KIT	B	1
Gasket kit 	M4F6-D15-GASKET-KIT	C	1
Sub end 	M4F6-D15-SUB-END-RL-KIT	D	1
Connecting bracket kit 	M4F6-D15-BRACKET-KIT	E	1
One station expansion manifold sub-plate kit 	M4F6-D15-C-SUB-BASE-KIT	F	1
Partition plate (individual exhaust)	M4F6-D15-DIVISION-PLATE	-	1
Adaptor kit 	4F9-983	G	1
Sub-plate gasket 	4F6-F4-SUB-BASE-GASKET	H	1

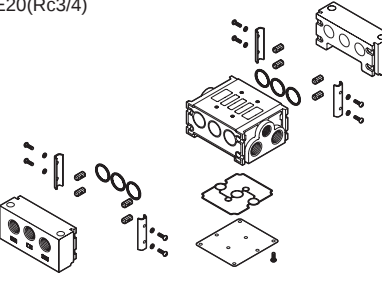
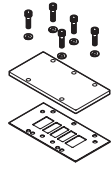
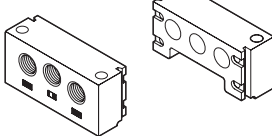
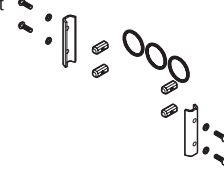
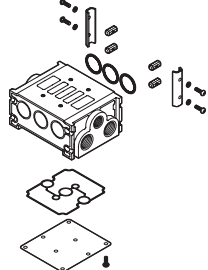
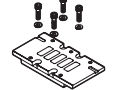
M4F7 Series

Parts Expanded View



* Refer to single valve 4F7 Series for the valve body part model No.

Note) 2 to 10 stations are standard manifolds.

Part name	Part model No.	No.	Quantity
Sub-plate kit E20(Rc3/4) 	2 stations	A	1
	3 stations		
	4 stations		
	5 stations		
	6 stations		
	7 stations		
	8 stations		
	9 stations		
	10 stations		
	M4F7-E20-10-C-SUB-BASE-KIT		
Masking plate kit 	M4F7-E20-MP-KIT	B	1
Gasket kit 	M4F7-E20-GASKET-KIT	C	1
Sub end 	M4F7-E20-SUB-END-RL-KIT	D	1
Connecting bracket kit 	M4F7-E20-BRACKET-KIT	E	1
One station expansion manifold sub-plate kit 	M4F7-E20-C-SUB-BASE-KIT	F	1
Partition plate (individual exhaust)	M4F7-E20-DIVISION-PLATE	-	1
Adaptor kit 	4F9-984	G	1
Sub-plate gasket 	4F7-F5-SUB-BASE-GASKET	H	1