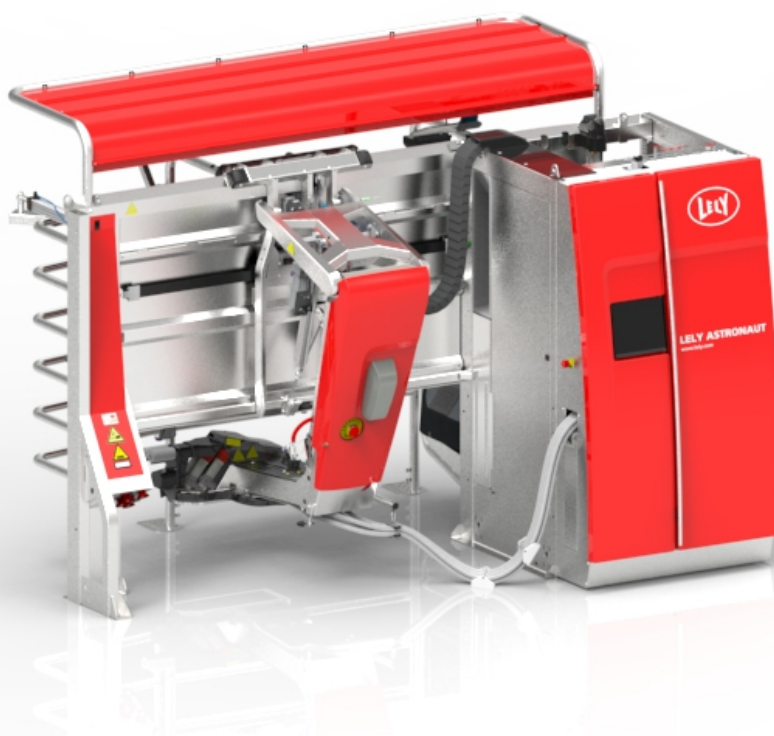


# Lely Astronaut A5

## Water Valves Block



### Parts list

5.1005.8569.0 E

English Original





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# Preface

## Applicability

Type number:	As from serial number:
5.1X05.00XX-X	0003242094

## Spare Parts

When ordering spare parts it is important that you are aware of the type and serial number of your machine. Use only genuine LELY parts.

## Criticality

Criticality = Bulk, 0, 1, 2

- Bulk = Bulk item.
- 0 = Not critical.
- 1 = Not very critical.
- 2 = Critical.

## Explanation of Signs Used in the Parts List

[R] / [RH]	By RH or LH version the position of the part is meant, seen from the rear of the machine.
[L] / [LH]	
[~]	E.g.: LH version is not similar to the RH version, which is actually shown.
[#]	Not available seperately.

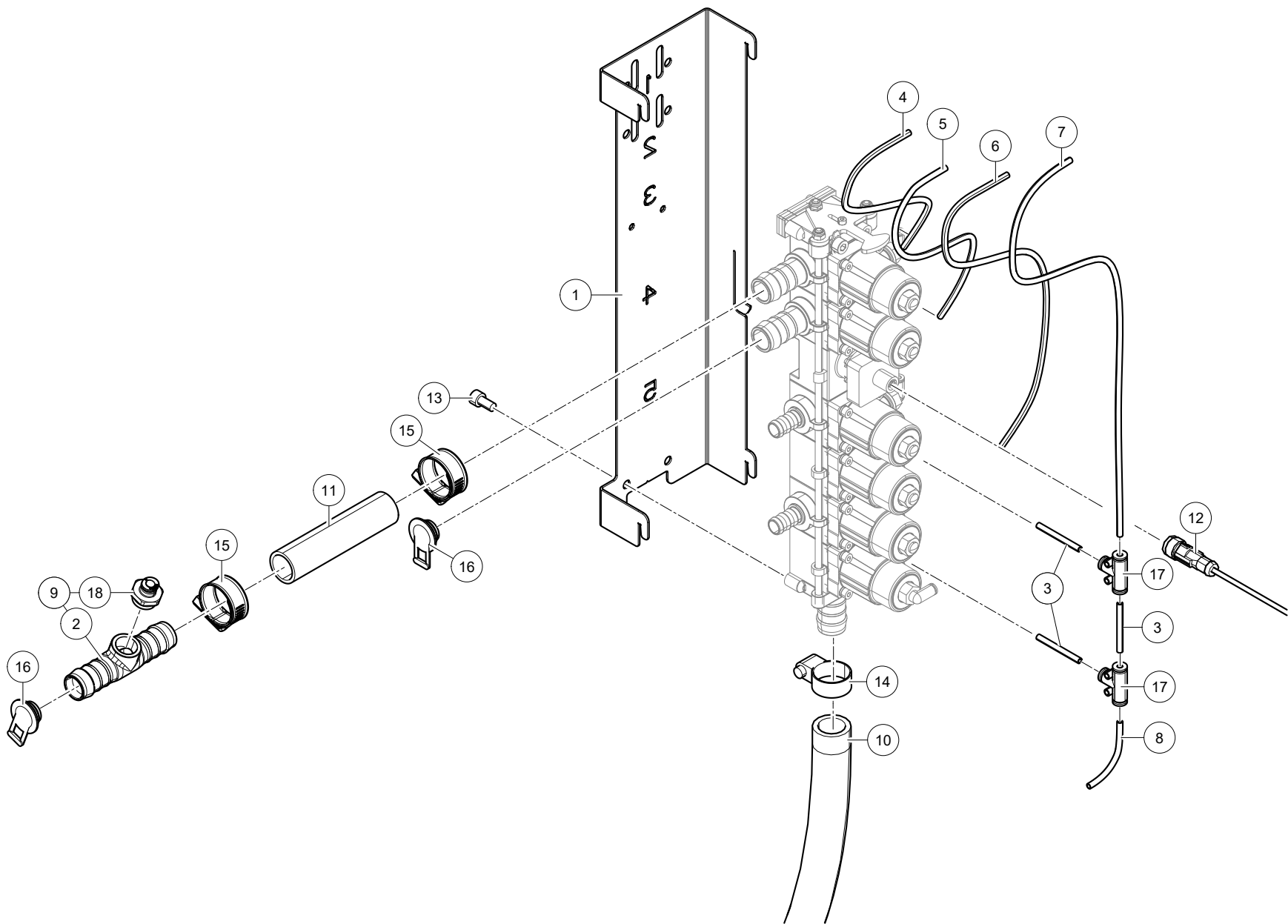


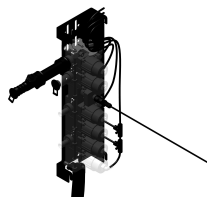
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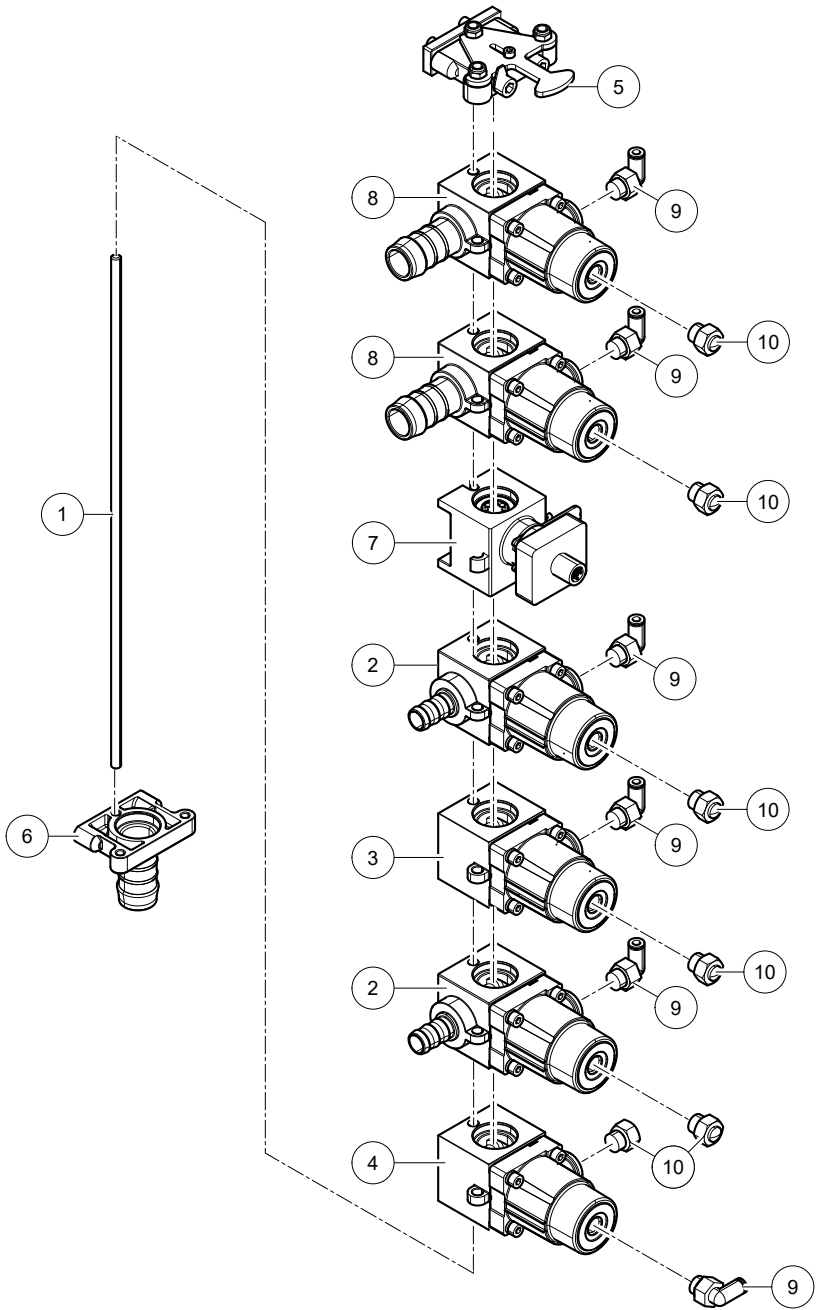
Astronaut A5

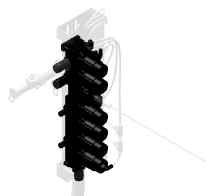
Water Valves  
Block

5.1X05.00XX-X

0003242094

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	1	Not separately			
2	5.1004.7361.0	1	Coupling	19mm - 3/8" - 19mm		
3	9.1138.0062.3	3	Tube	PUN-H PU BLACK 4MM L = 40MM		
4	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 310MM		
5	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 350MM		
6	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 450MM		
7	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 480MM		
8	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 70MM		
9	5.1005.3679.0	1	T-coupling	19mm		
10	9.1065.0095.1	1	Hose	19x3.7mm multibar		
11	9.1065.0127.0	1	Hose	PVC 19 x 3,5mm BLUE L=0.100m		
12	6.2001.1019.0	1	Cable			
13	9.1057.0067.3	2	Socket head screw	M6x12 DIN912-A2 s/s		
14	9.1066.0020.3	1	Hose clamp	ø15-ø24 s/s		
15	9.1066.0120.0	2	Hose clamp	20-32 mm		
16	#####	2	Not separately			
17	9.1138.0100.6	2	Plug-in coupling	4-4-4mm (T)		
18	9.1138.1224.0	1	Push-pull nipple	Push-pull 6mm 3/8"		





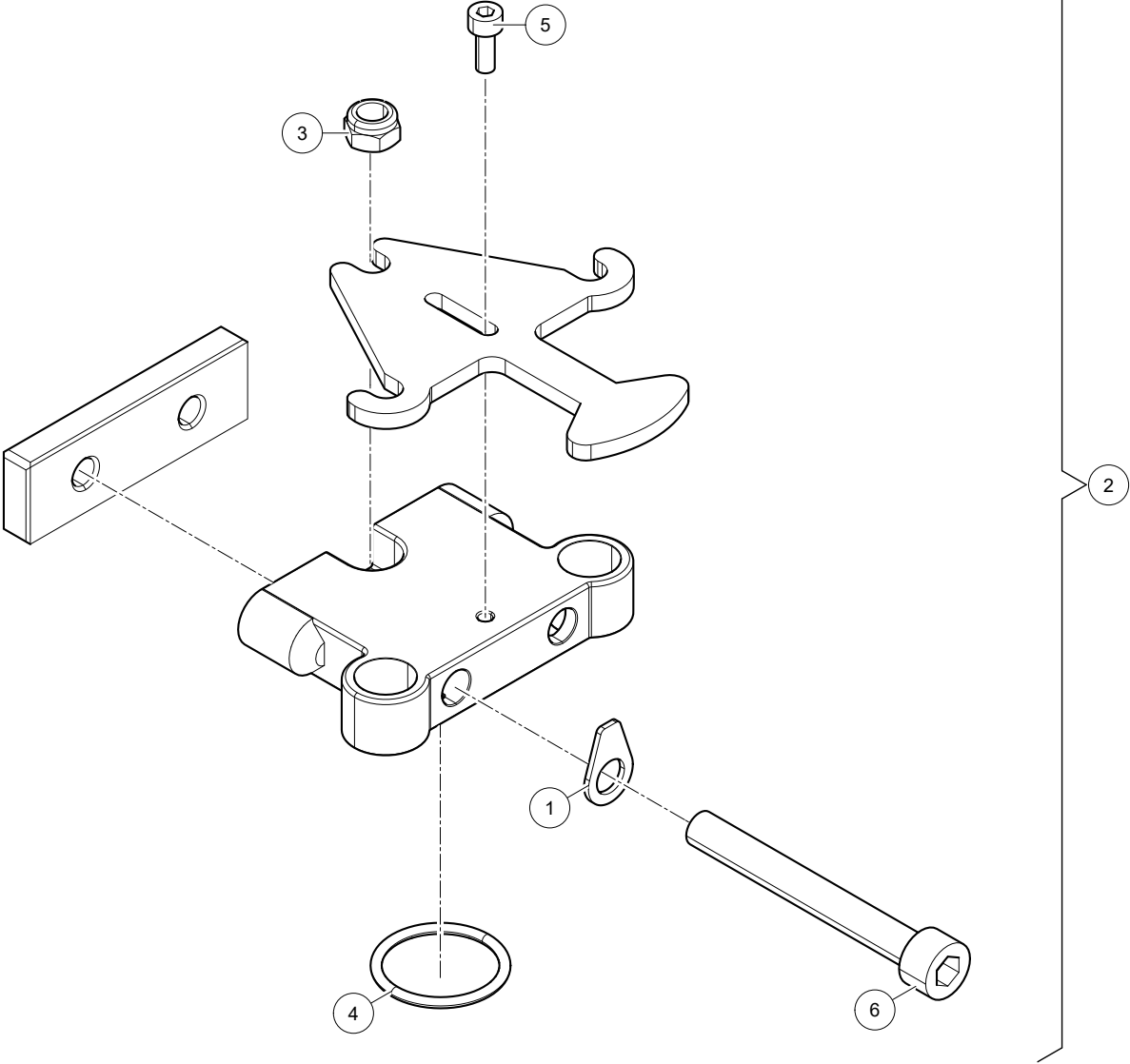
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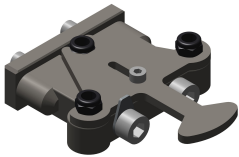
Water Valves  
Block

5.1X05.00XX-X

0003242094

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3912.0	3	Tie rod	Gevasol P7004.M216 310 x 5 mm - standard block		
2	#####	2	Not separately			(see page 16)
3	#####	1	Not separately			(see page 18)
4	#####	1	Not separately			(see page 20)
5	5.1004.3950.0	1	Kit	P7004.A221 easy flange		(see page 10)
6	5.1004.7378.0	1	Hose pillar	19mm FLANGE		
7	#####	1	Not separately			(see page 14)
8	#####	2	Not separately			(see page 12)
9	9.1138.1083.0	6	Push-pull nipple	MINI, G1/8"x 4 O-RING SEAL		
10	9.1138.1084.0	6	Filter	1/8" BSP Silencer ( st.st), AISI 302		

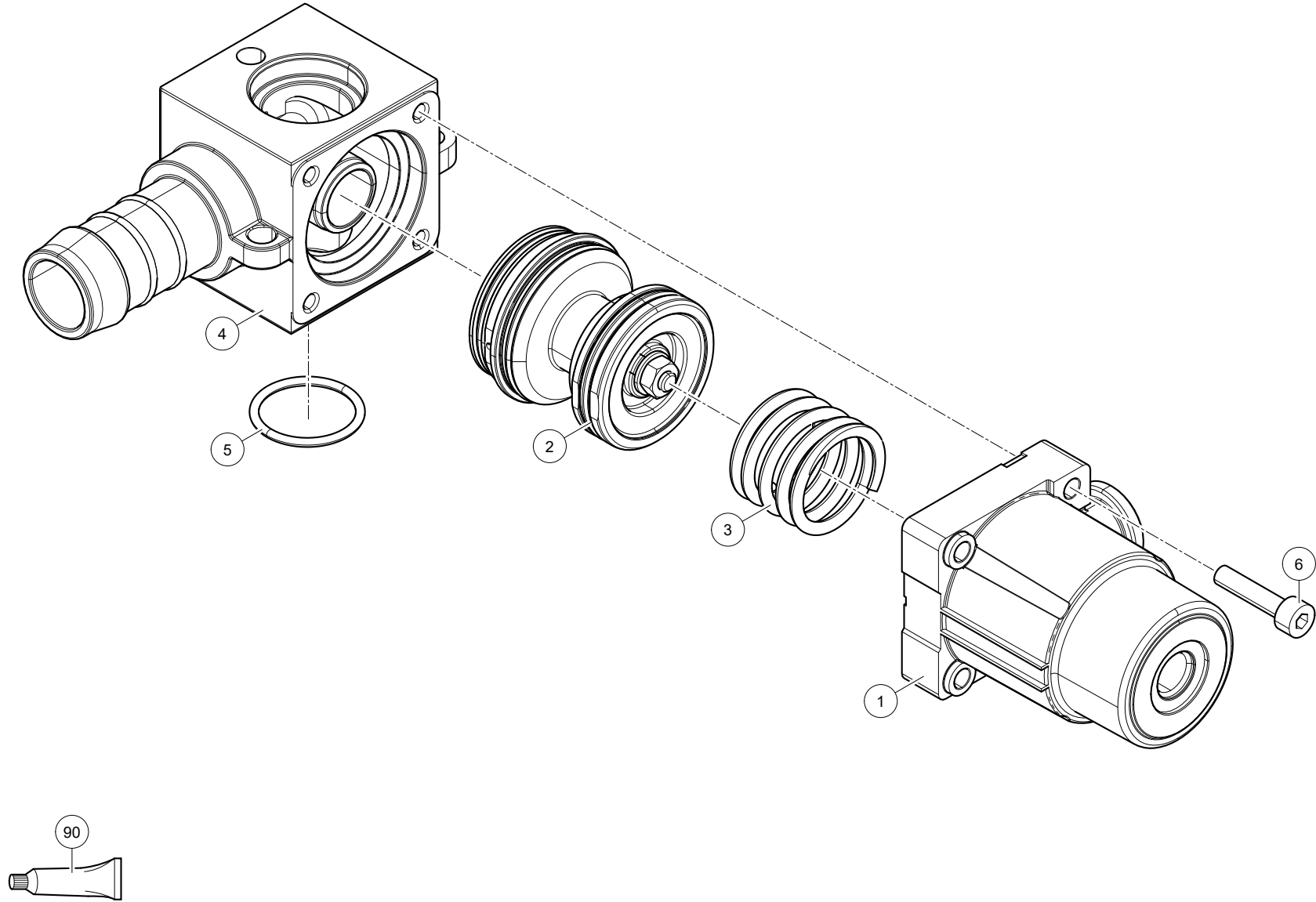




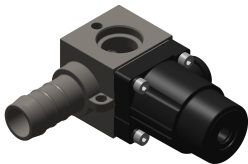
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Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3945.0	1	Clip	Gevasol P7004.M225 Security clip		
2	5.1004.3950.0	1	Kit	P7004.A221 easy flange		
3	9.1030.0035.5	3	Nut	M5 DIN985-A2-2 s/s		
4	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
5	9.1057.0065.1	1	S.h. bolt	M3x8 DIN912-A2 s/s		
6	9.1057.0126.6	2	S.h. bolt	M6x50 DIN912-A2 s/s		





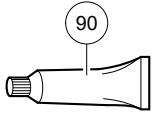
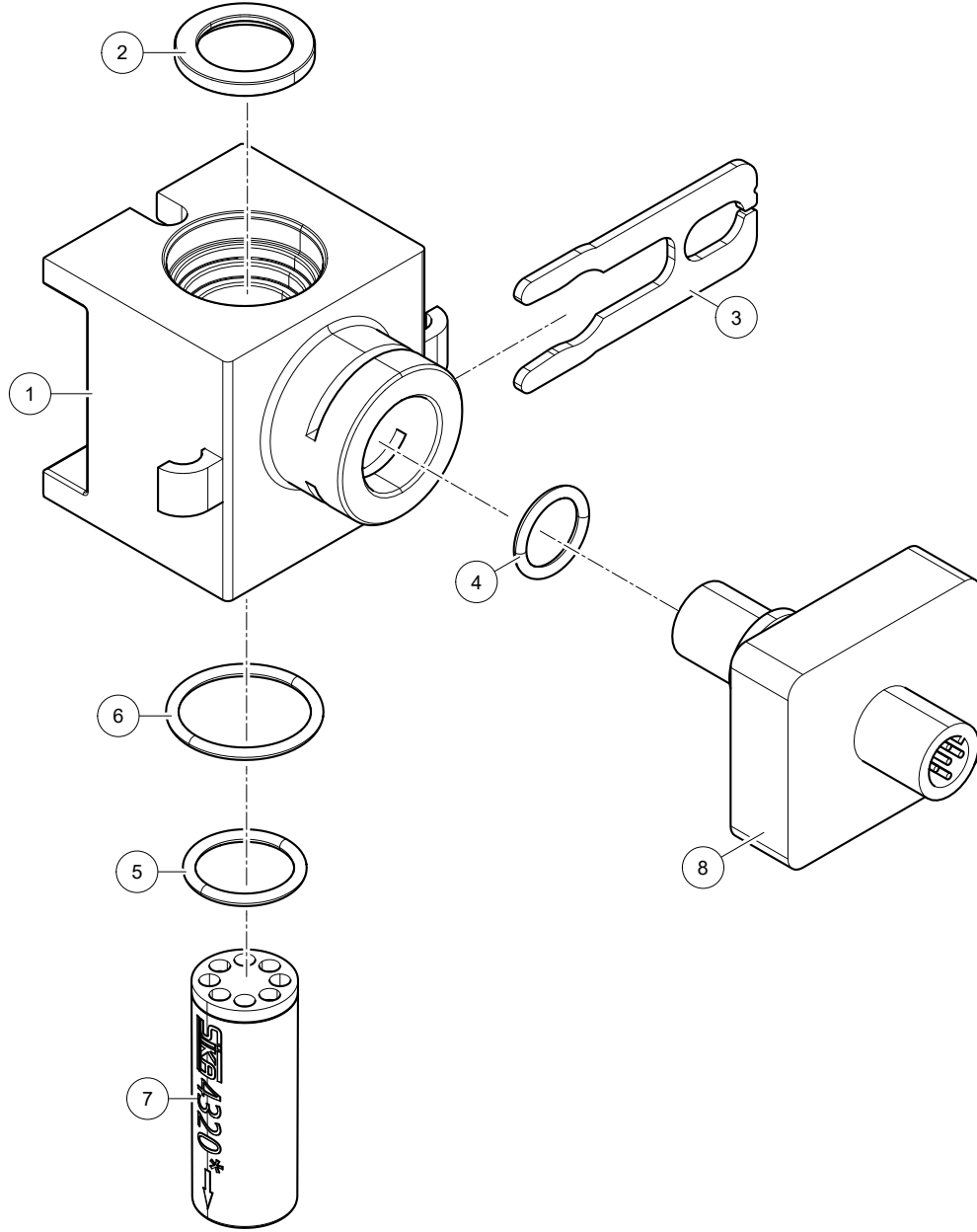


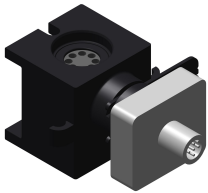


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gegasol P7003.M050 Cover NC/NO		
2	5.1004.3927.0	1	Actuator	Normally Closed (NC)		(see page 22)
3	5.1004.3942.0	1	Spring	Gegasol SP1039 Compression spring for NC valve		
4	5.1004.7377.0	1	Manifold	19mm		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



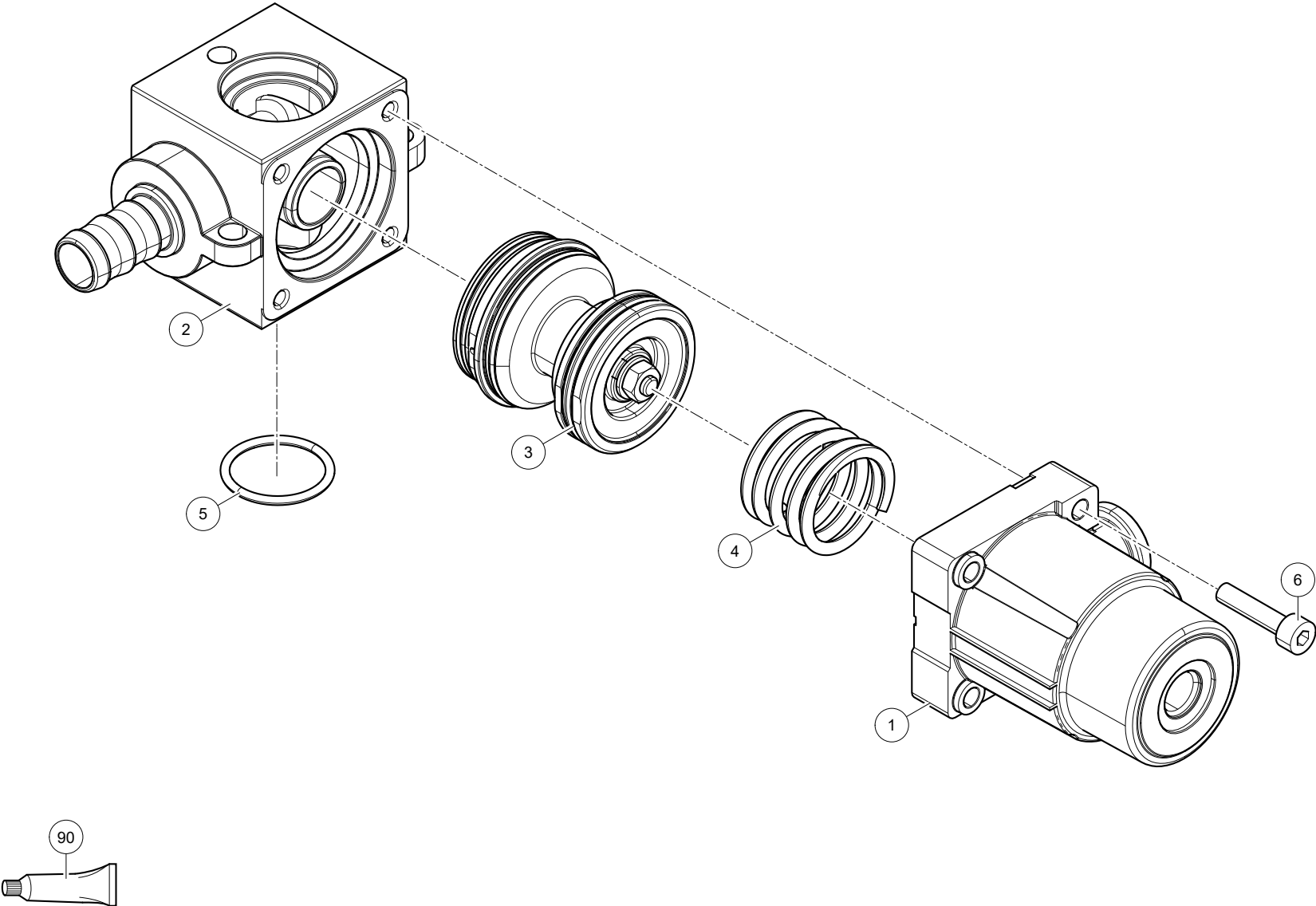


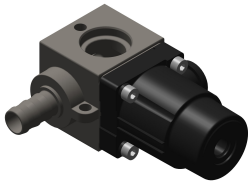


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1005.4008.0	1	Manifold			
2	5.1005.4010.0	1	Ring			
3	5.1005.4011.0	1	Clip			
4	9.1043.0176.0	1	O-ring	10.82x 1.78 Viton		
5	9.1043.0191.0	1	O-ring	14x1.78 Viton		
6	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
7	9.1183.0077.0	1	Flow sensor	Turbine VTY 10-31		
8	9.1183.0078.0	1	Sensor	(Sika VT3493)		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



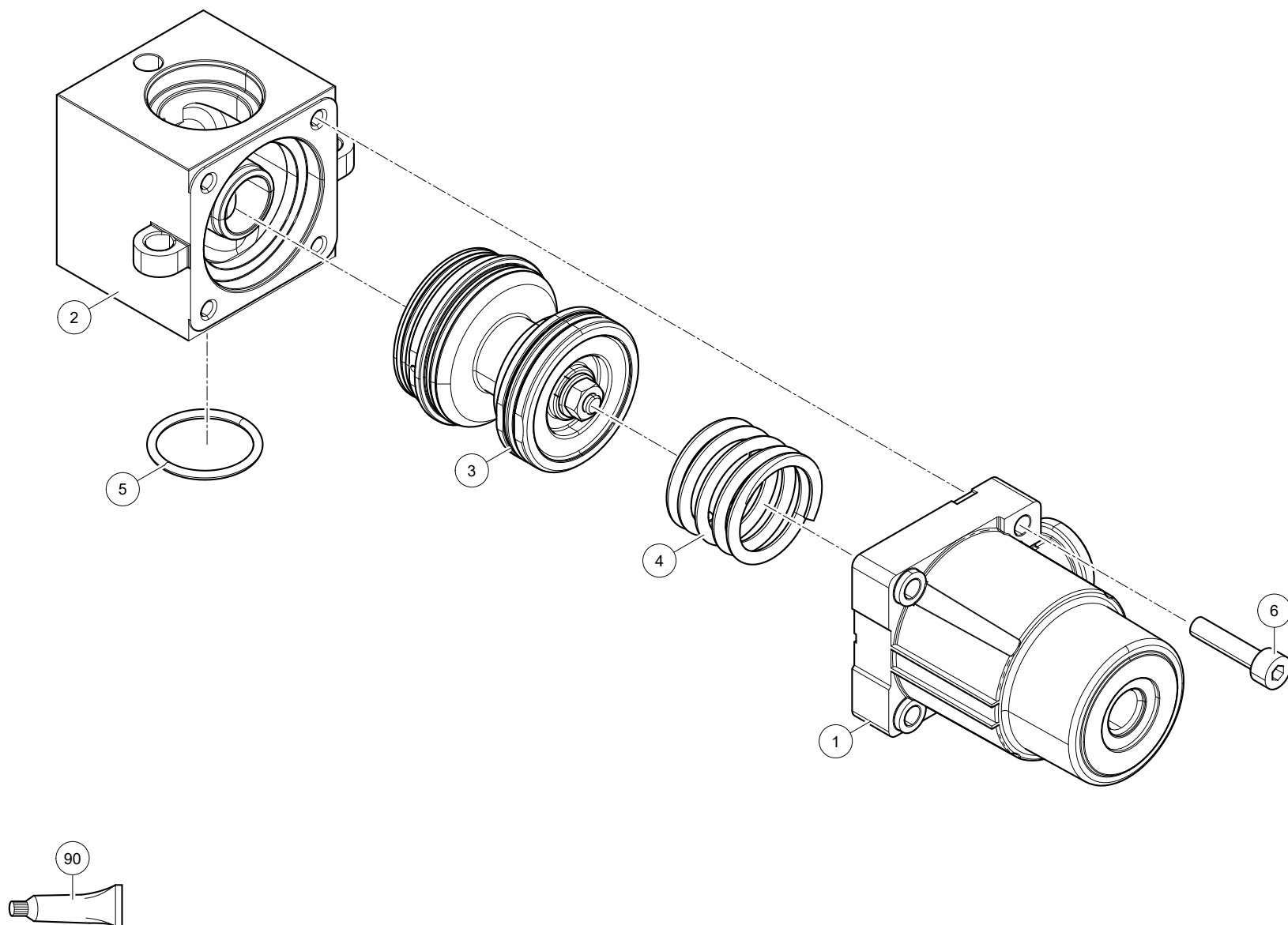


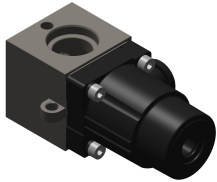


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3908.0	1	Manifold	Gevasol P7004.M211 Barbed Base		
3	5.1004.3927.0	1	Actuator	Normally Closed (NC)		(see page 22)
4	5.1004.3942.0	1	Spring	Gevasol SP1039 Compression spring for NC valve		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



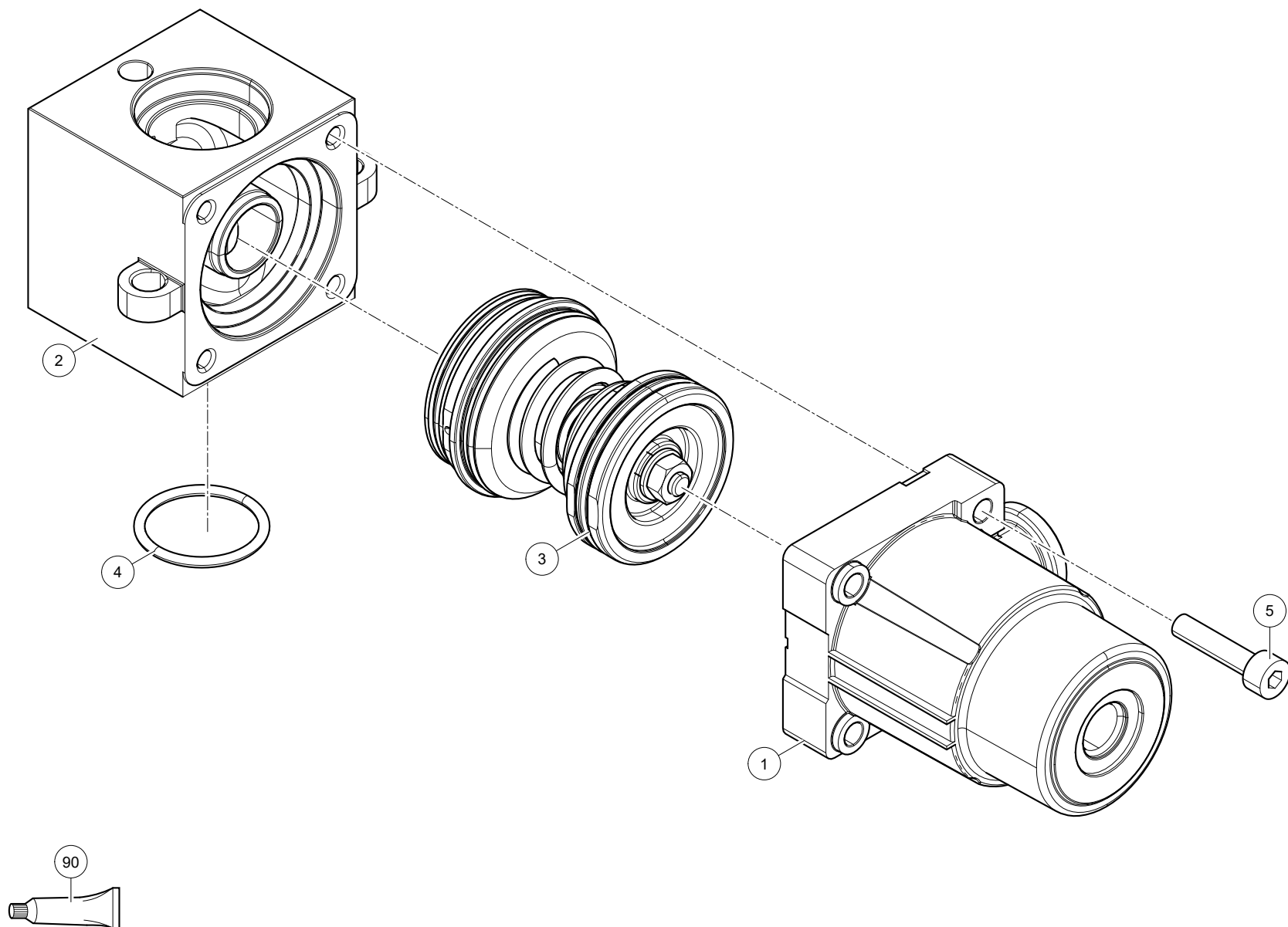




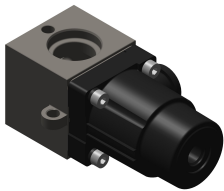
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Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3909.0	1	Manifold	Gevasol P7004.M212 Bypass NO Base		
3	5.1004.3927.0	1	Actuator	Normally Closed (NC)		(see page 22)
4	5.1004.3942.0	1	Spring	Gevasol SP1039 Compression spring for NC valve		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		









Astronaut A5

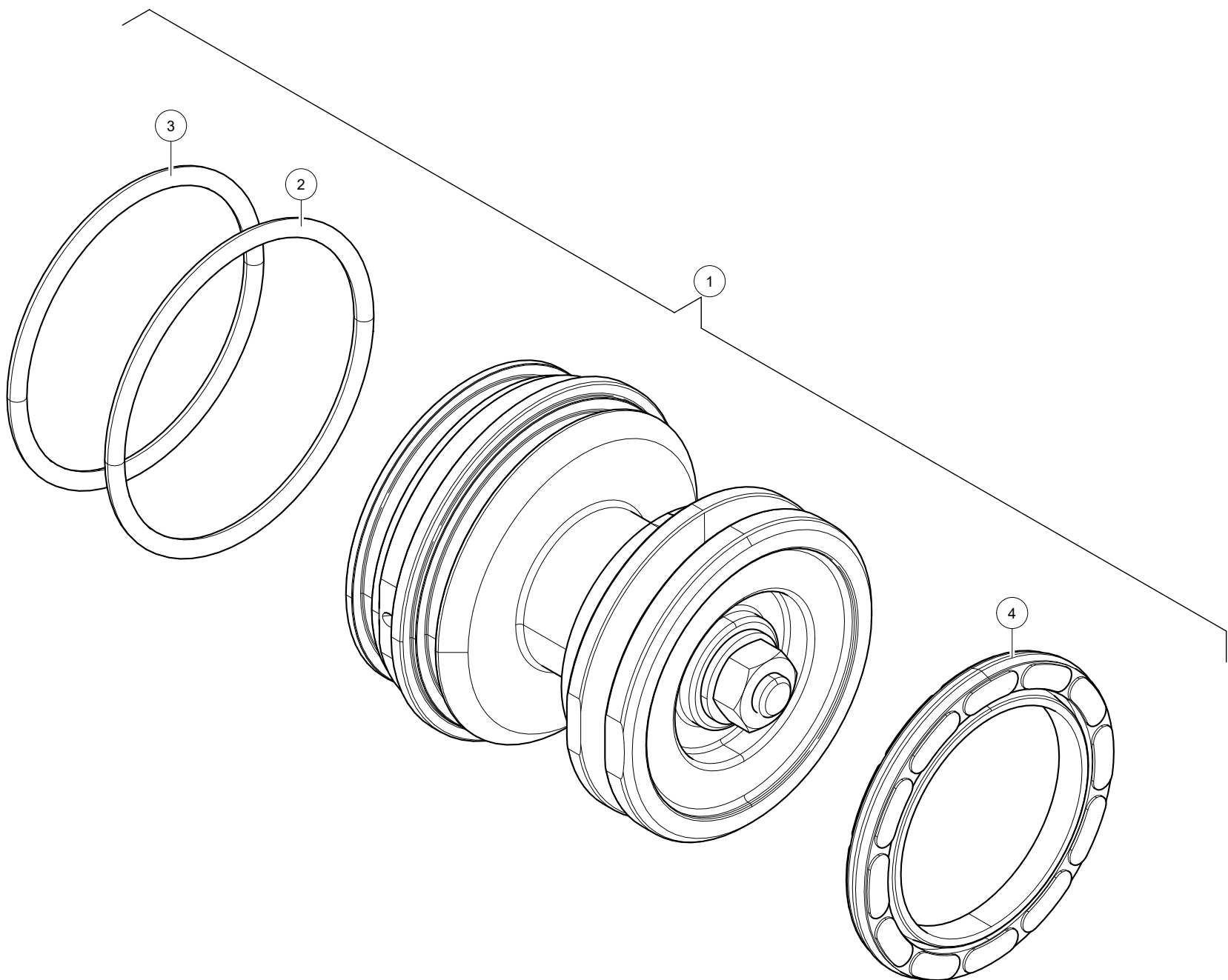
Water Valves  
Block

5.1X05.00XX-X

0003242094

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3909.0	1	Manifold	Gevasol P7004.M212 Bypass NO Base		
3	5.1004.3928.0	1	Actuator	Normally Open (NO)		(see page 24)
4	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
5	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



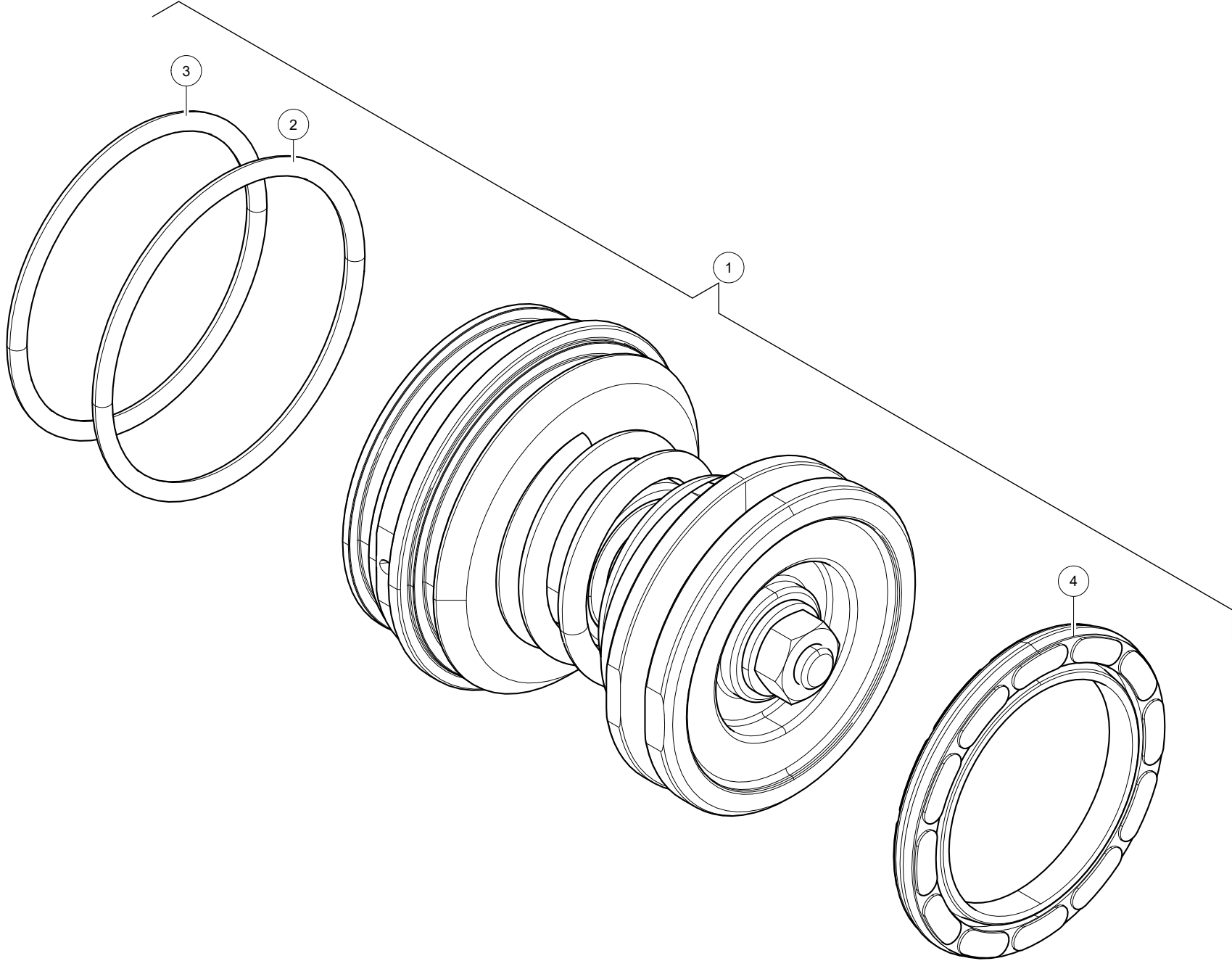




Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3927.0	1	Actuator	Normally Closed (NC)		
2	9.1043.0283.0	1	O-ring	SL2-025 29.87 x 1.78FKM 70°+5° SHORE A, BLACK (V747-75) PARK		
3	9.1043.0285.0	1	O-ring	28.3 x 1.78 FKM VITON 2-024		
4	9.1189.0075.5	1	Ring	16x22x4		



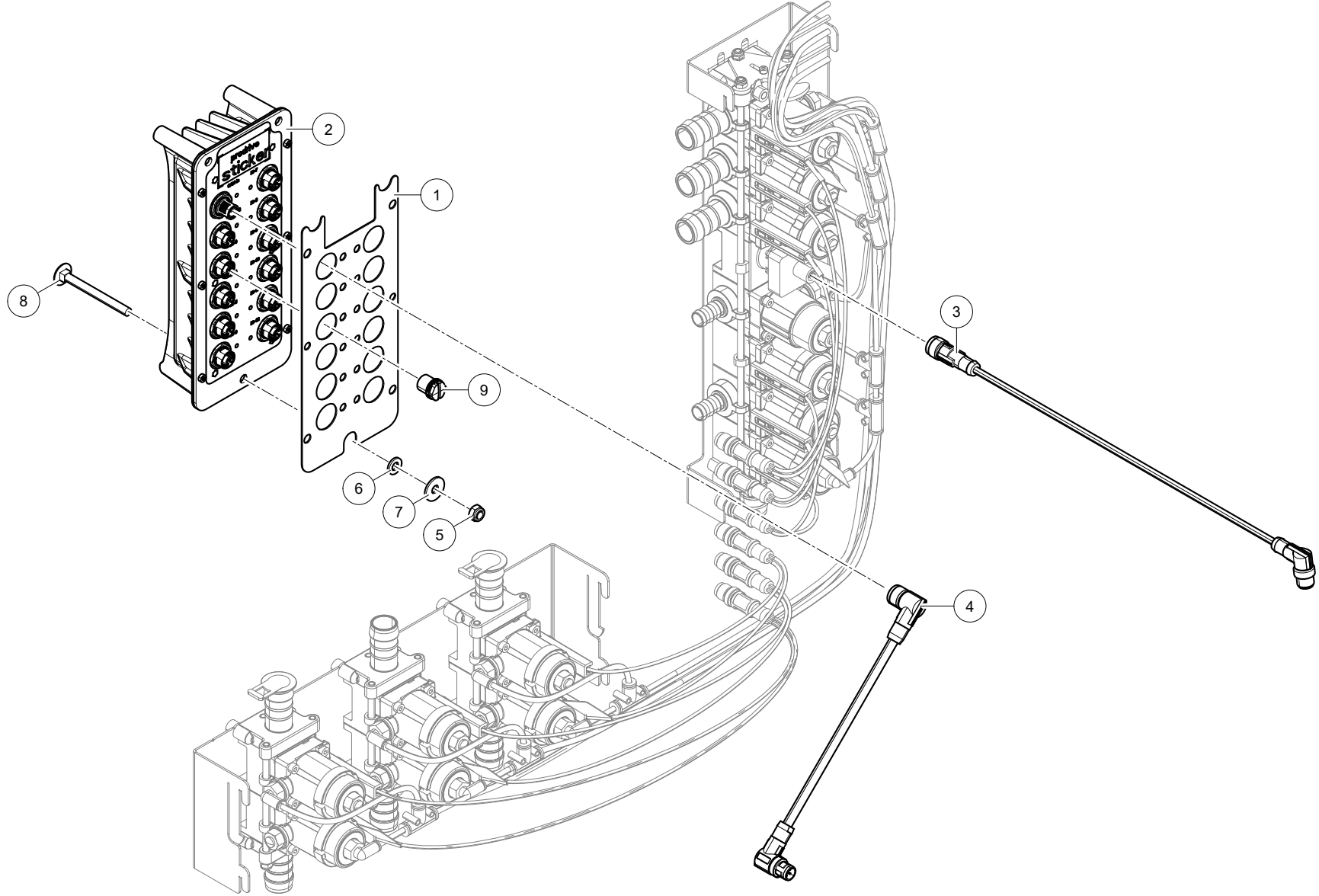


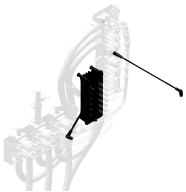


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3928.0	1	Actuator	Normally Open (NO)		
2	9.1043.0283.0	1	O-ring	SL2-025 29.87 x 1.78FKM 70°+5° SHORE A, BLACK (V747-75) PARK		
3	9.1043.0285.0	1	O-ring	28.3 x 1.78 FKM VITON 2-024		
4	9.1189.0075.5	1	Ring	16x22x4		



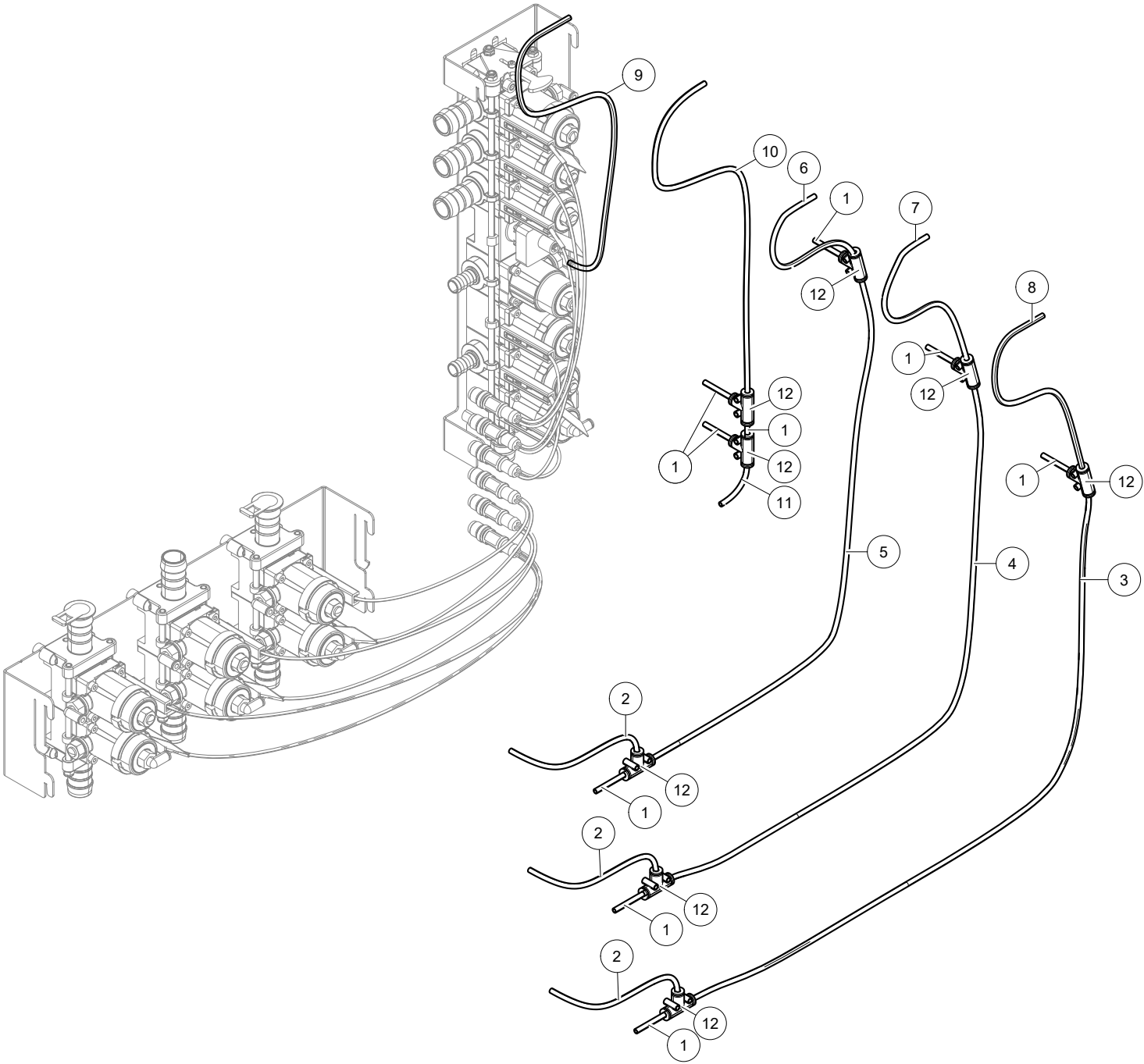




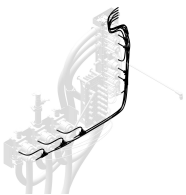
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Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1005.3051.0	1	Label	LPT1 - LOW POWER GIOB		
2	6.2001.0275.0	1	Module			
3	6.2001.1019.0	1	Cable			
4	6.2001.1041.0	1	Cable			
5	9.1030.0021.5	3	Nut	M6 DIN985-A2-2 s/s		
6	9.1048.0090.0	3	Washer	A6.4 DIN125-A2 s/s		
7	9.1048.0095.5	3	Washer	A6.4 DIN9021-A2 s/s		
8	9.1058.0059.1	3	Coach bolt	M6x65 DIN603-A2 s/s		
9	9.1186.1059.0	4	Plug	M12 screw plug SPEEDCON		





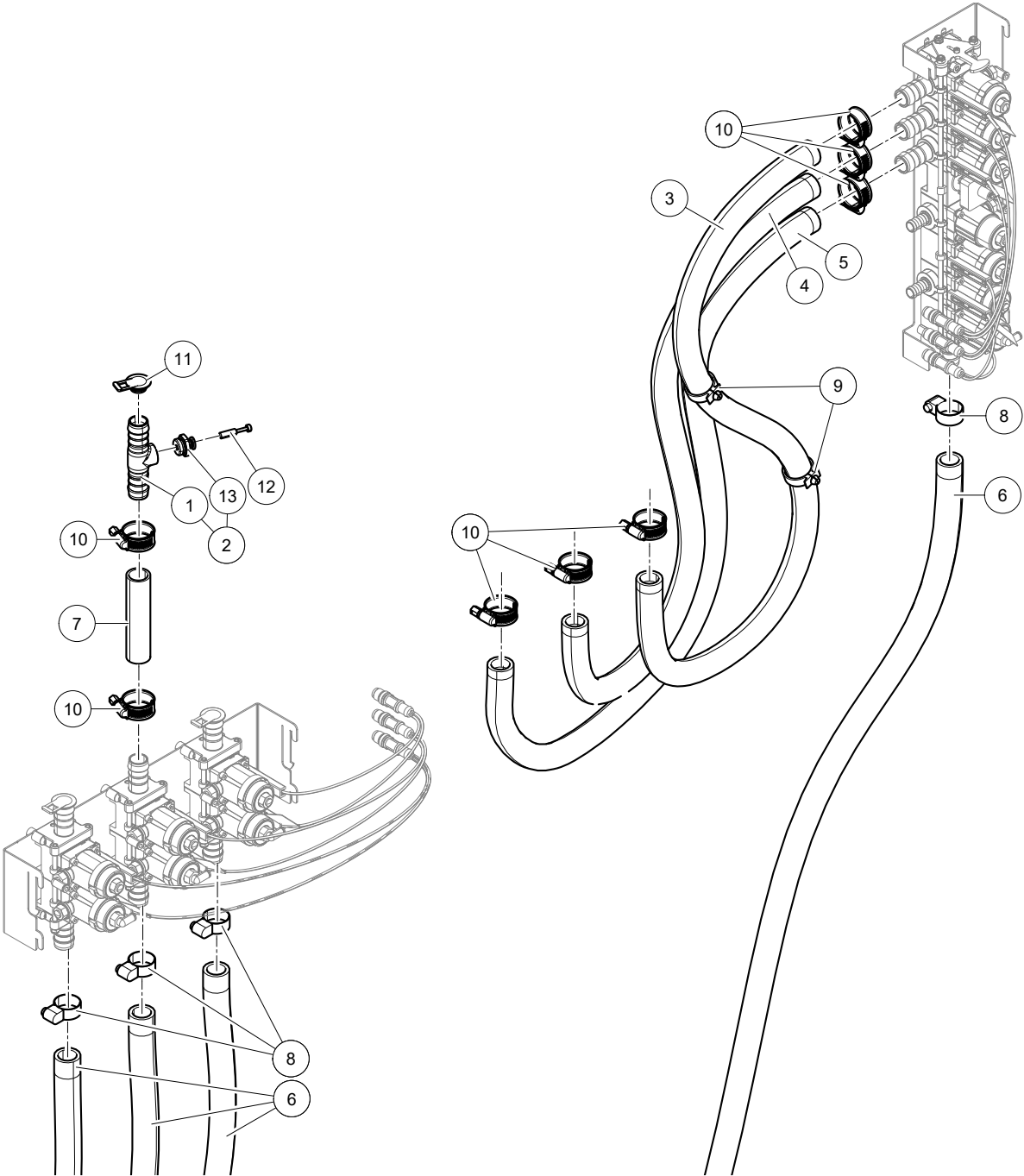


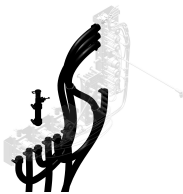


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	9.1138.0062.3	9	Tube	PUN-H PU BLACK 4MM L = 40MM		
2	9.1138.0062.3	3	Tube	PUN-H PU BLACK 4MM L = 140MM		
3	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 850MM		
4	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 800MM		
5	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 750MM		
6	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 290MM		
7	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 310MM		
8	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 350MM		
9	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 450MM		
10	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 480MM		
11	9.1138.0062.3	1	Tube	PUN-H PU BLACK 4MM L = 70MM		
12	9.1138.0100.6	8	Plug-in coupling	4-4-4mm (T)		



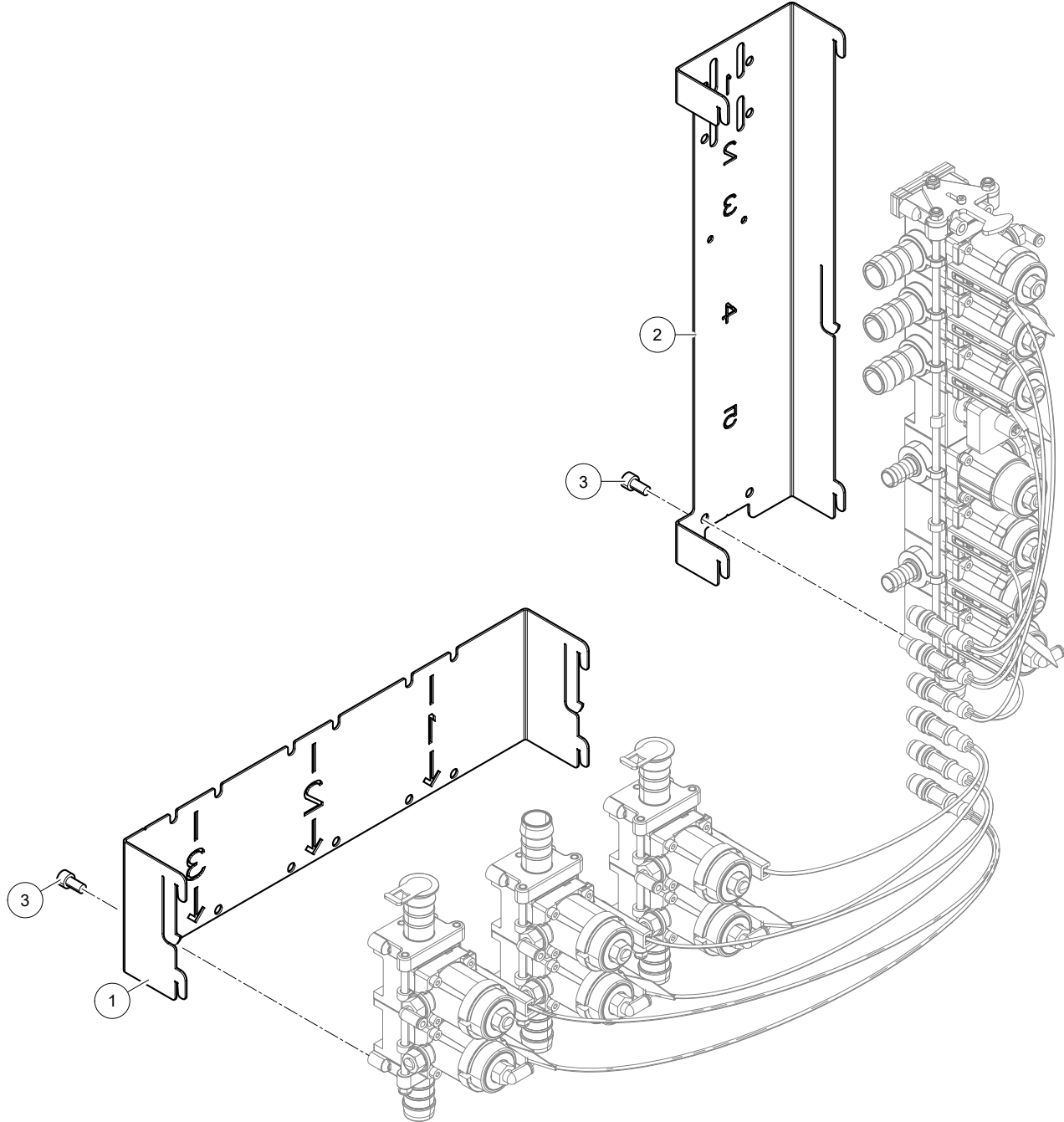


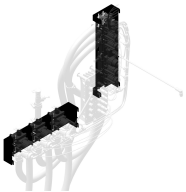


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.7361.0	1	Coupling	19mm - 3/8" - 19mm		
2	5.1005.3679.0	1	T-coupling	19mm		
3	#####	1	Not separately			
4	9.1065.0127.0	1	Hose	PVC 19 x 3,5mm BLUE L=0.900m		
5	9.1065.0100.0	1	Hose	19x28mm EPDM RED L=1.050m		
6	9.1065.0095.1	1	Hose	19x3.7mm multibar		
7	9.1065.0127.0	1	Hose	PVC 19 x 3,5mm BLUE L=0.100m		
8	9.1066.0020.3	4	Hose clamp	ø15-ø24 s/s		
9	9.1066.0113.0	2	Clip	Hose snap-in		
10	9.1066.0120.0	8	Hose clamp	20-32 mm		
11	#####	1	Not separately			
12	9.1138.0054.2	1	Plug	6 mm		
13	9.1138.1224.0	1	Push-pull nipple	Push-pull 6mm 3/8"		



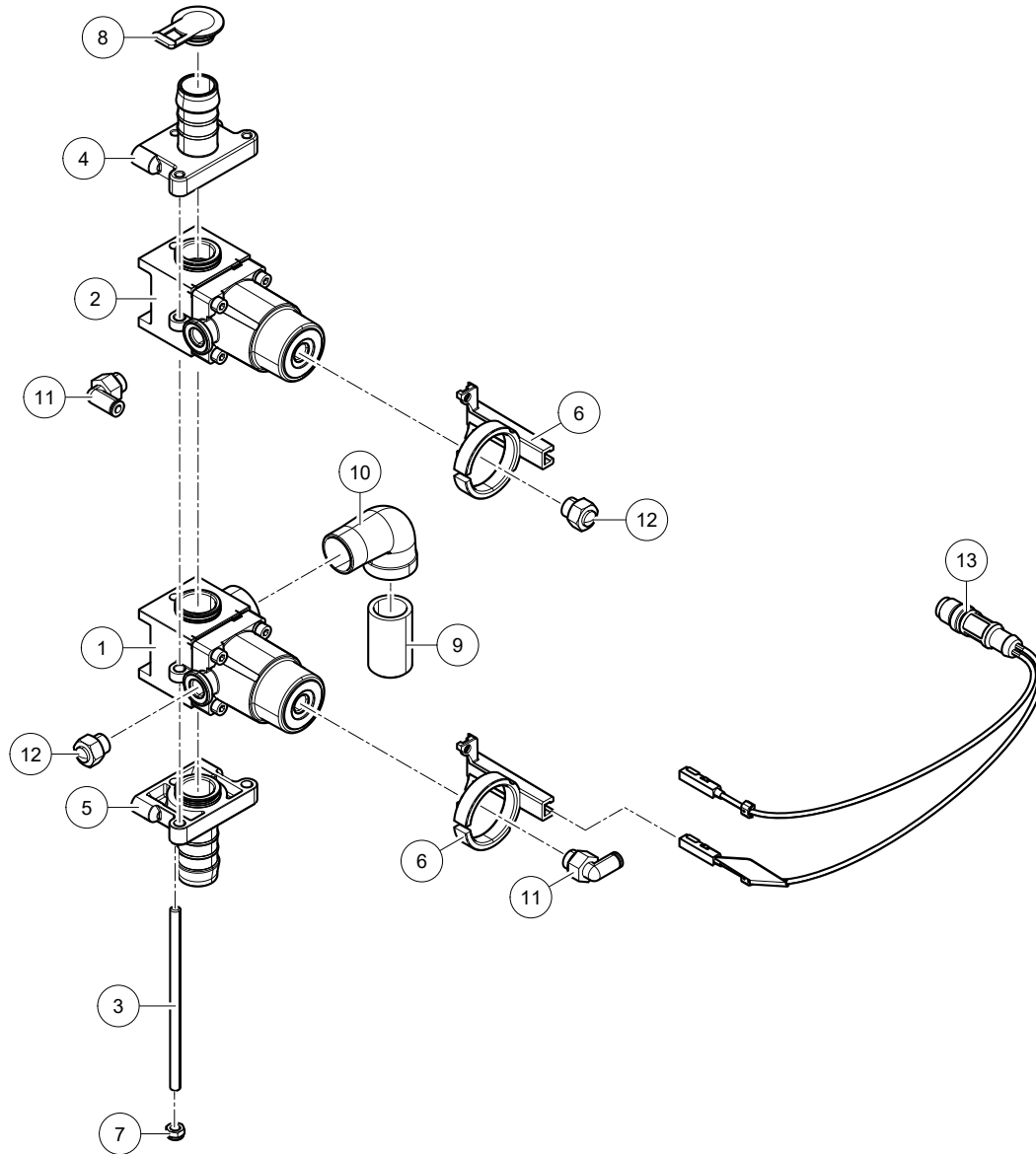


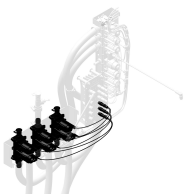


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	1	Not separately			
2	#####	1	Not separately			
3	9.1057.0067.3	2	Socket head screw	M6x12 DIN912-A2 s/s		



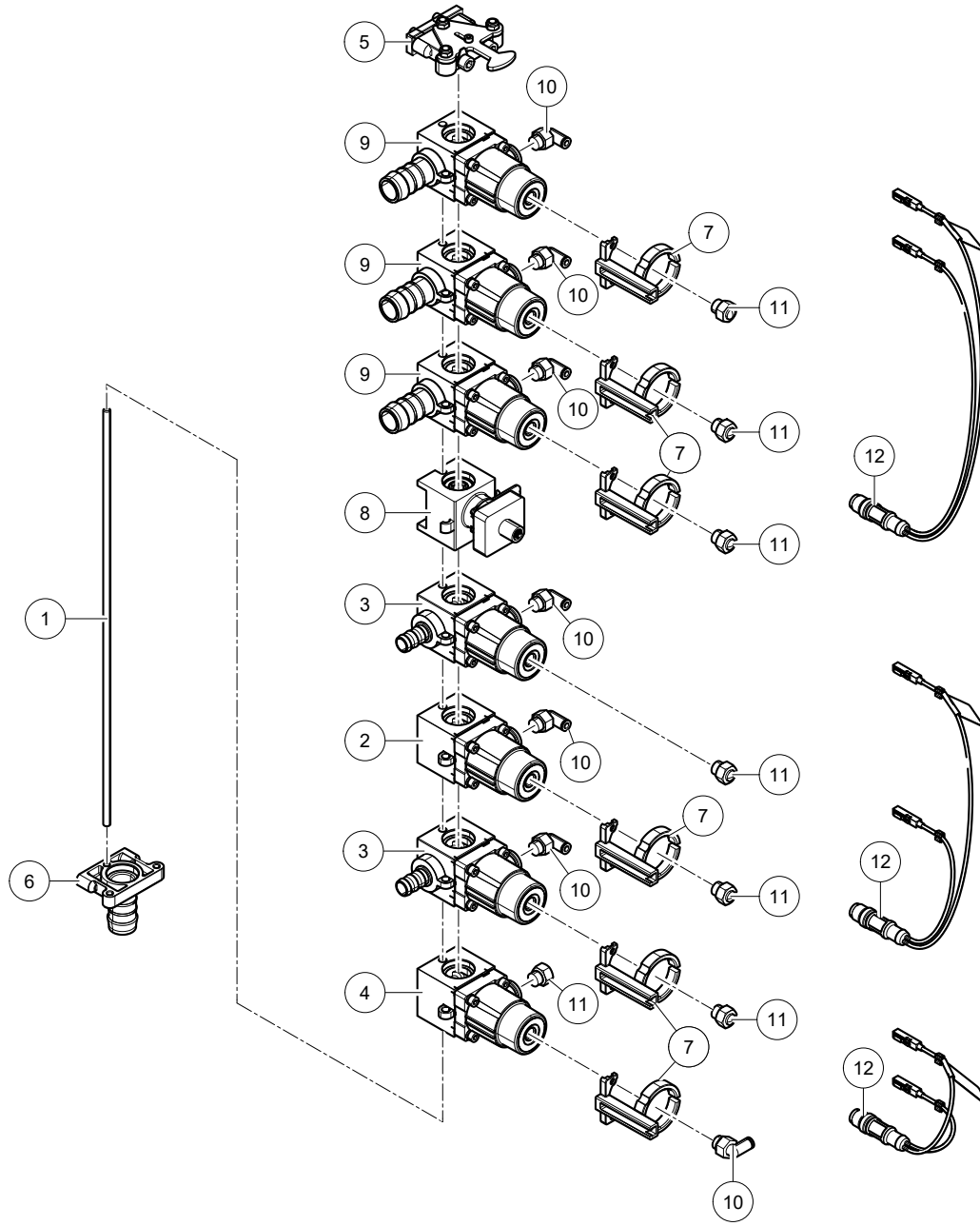




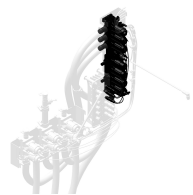
Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	3	Not separately			(see page 38)
2	#####	3	Not separately			(see page 40)
3	5.1004.3929.0	9	Tie rod	Gevasol P7004.M213 107 x 5 mm - BBB block		
4	5.1004.7378.0	3	Hose pillar	19mm FLANGE		
5	5.1004.7435.0	3	Hose pillar	19mm FLANGE		
6	5.1005.4004.0	6	Holder	Valve guarding water valves		
7	9.1030.0035.5	9	Nut	M5 DIN985-A2-2 s/s		
8	#####	2	Not separately			
9	#####	3	Not separately			
10	9.1129.0108.0	3	Elbow	90° 1/2"		
11	9.1138.1083.0	6	Push-pull nipple	MINI, G1/8"x 4 O-RING SEAL		
12	9.1138.1084.0	6	Filter	1/8" BSP Silencer ( st.st), AISI 302		
13	9.1186.1048.0	3	Sensor	Valve Guarding Water Valves		









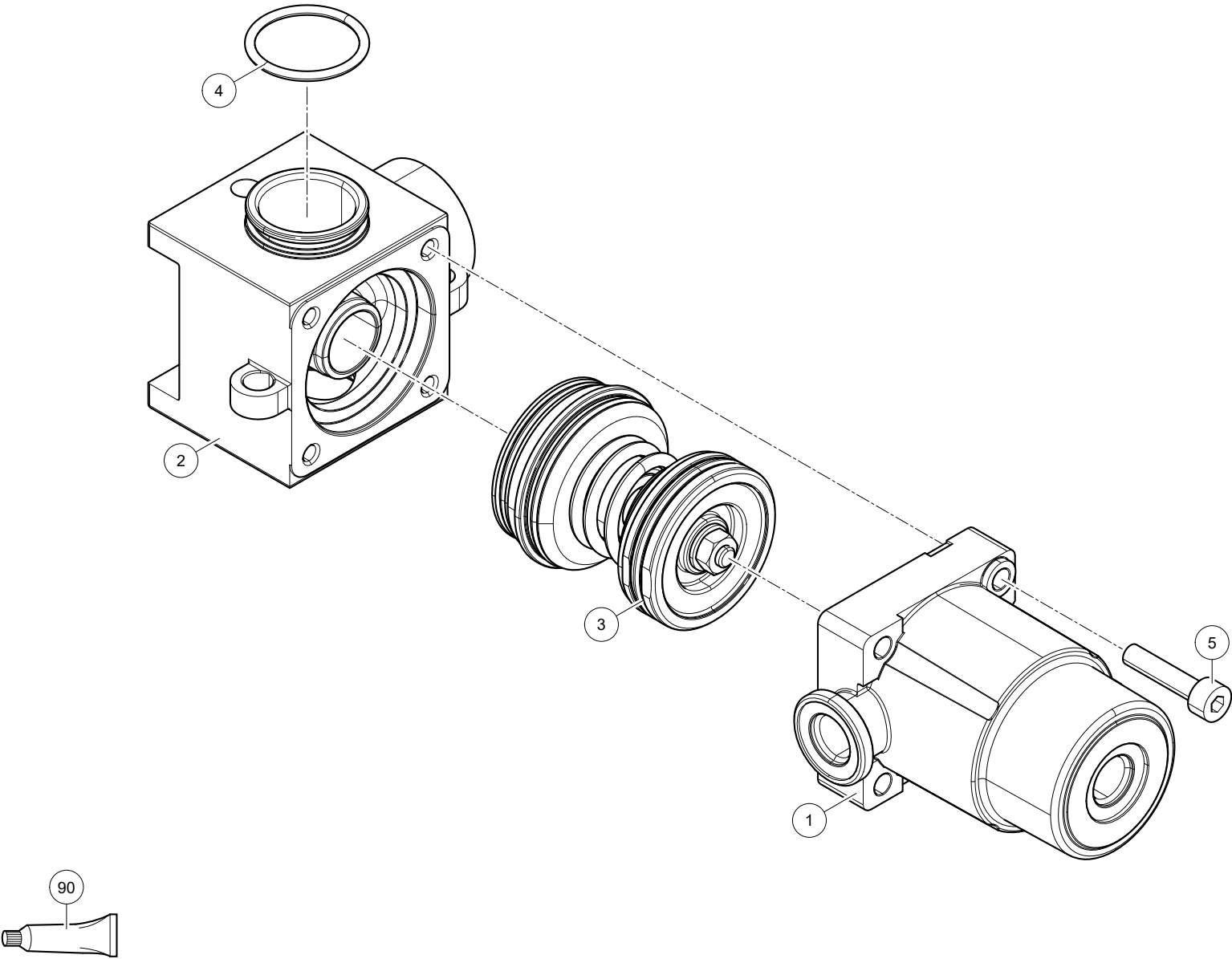
Astronaut A5

Water Valves  
Block

5.1X05.00XX-X

0003242094

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3910.0	3	Tie rod	Gevasol P7004.M214 350 x 5 mm - USA block		
2	#####	1	Not separately			(see page 40)
3	#####	2	Not separately			(see page 42)
4	#####	1	Not separately			(see page 44)
5	5.1004.3950.0	1	Kit	P7004.A221 easy flange		(see page 10)
6	5.1004.7378.0	1	Hose pillar	19mm FLANGE		
7	5.1005.4004.0	6	Holder	Valve guarding water valves		
8	#####	1	Not separately			(see page 14)
9	#####	3	Not separately			(see page 46)
10	9.1138.1083.0	7	Push-pull nipple	MINI, G1/8" x 4 O-RING SEAL		
11	9.1138.1084.0	7	Filter	1/8" BSP Silencer ( st.st), AISI 302		
12	9.1186.1048.0	3	Sensor	Valve Guarding Water Valves		

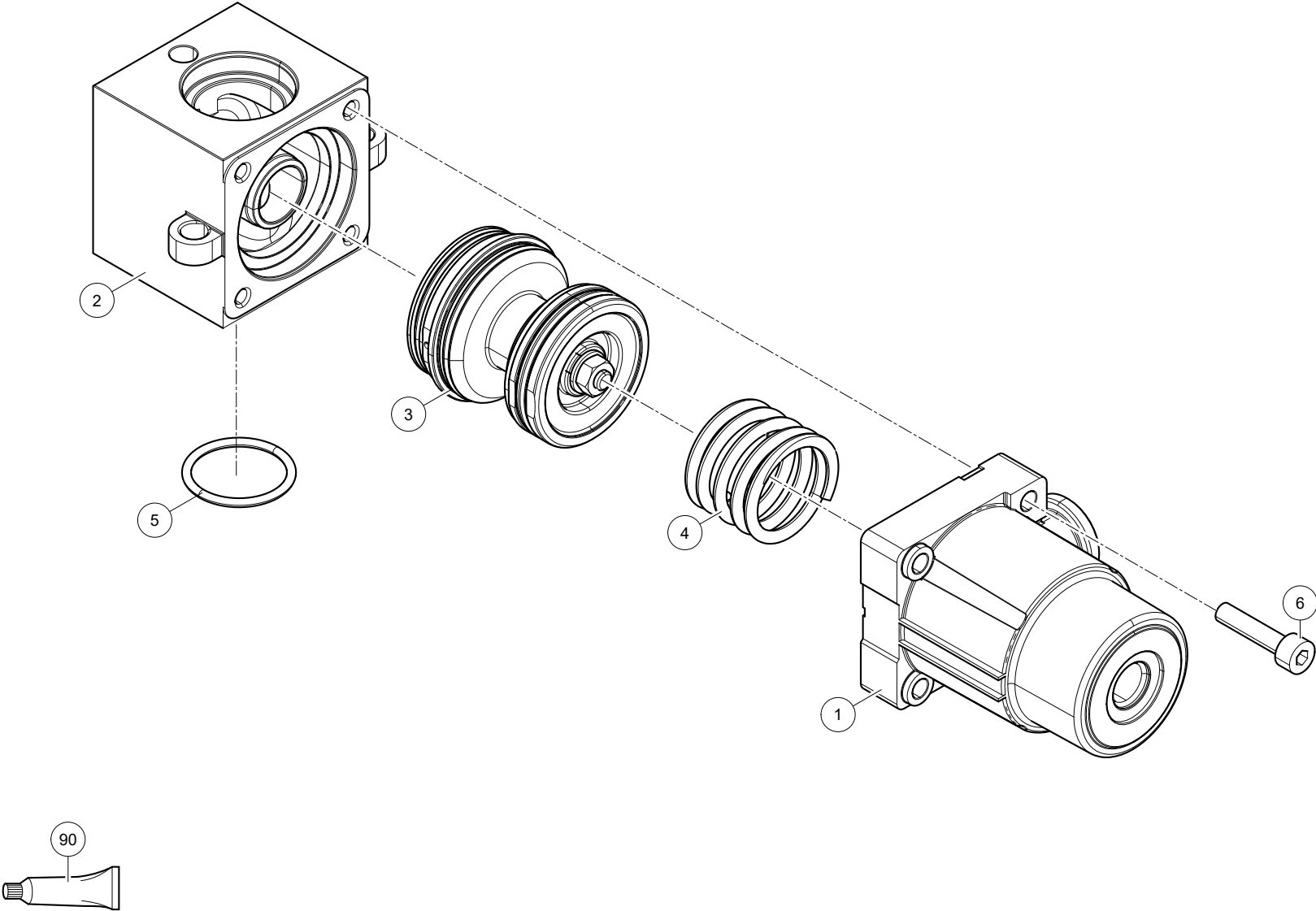


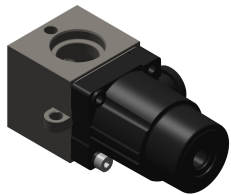


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3907.0	1	Manifold	Gevasol P7004.M210 G 1/2" base		
3	5.1004.3925.0	1	Actuator	Normally Open (NO - USA)		(see page 48)
4	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
5	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



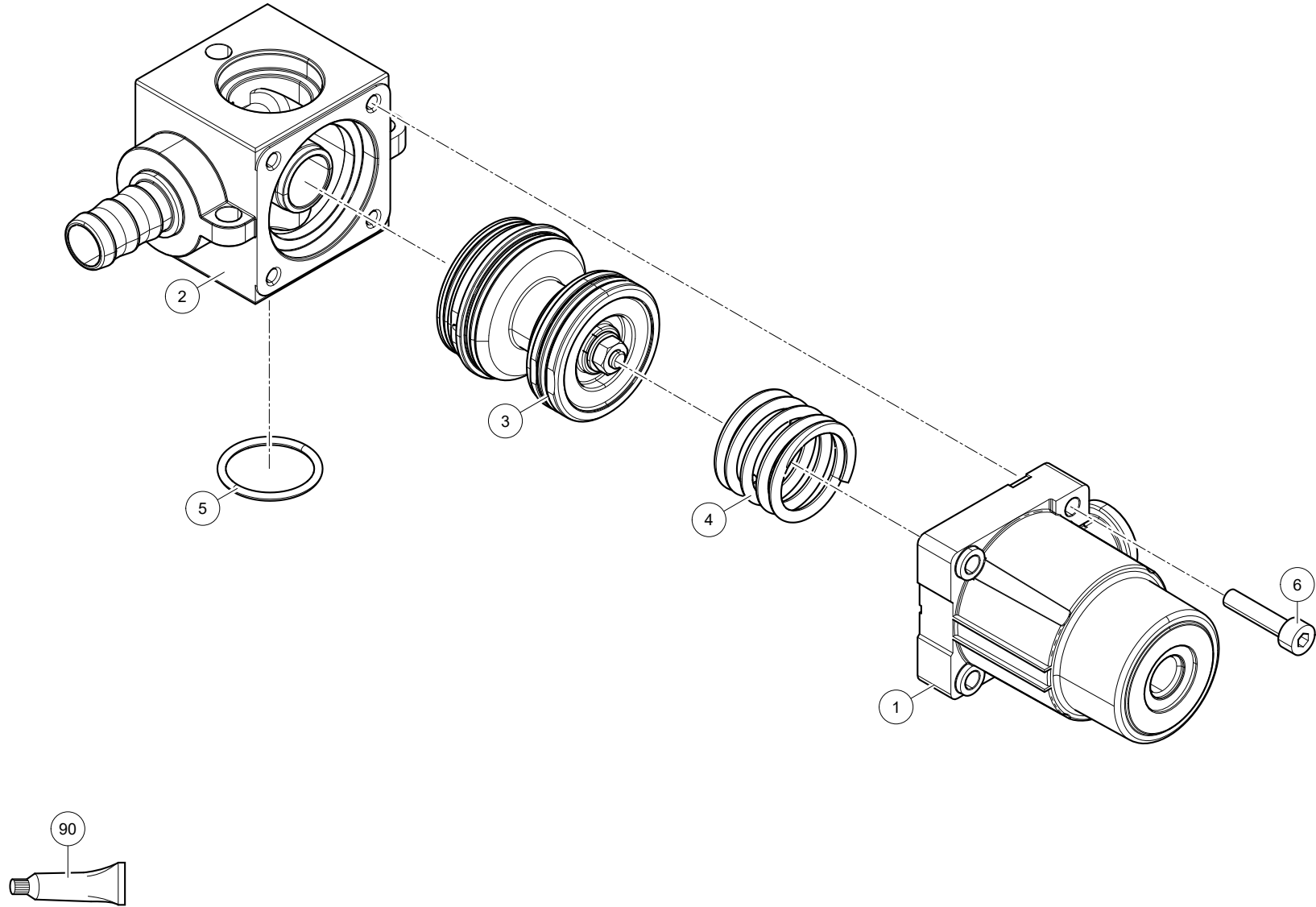


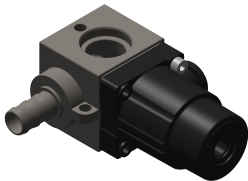


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3909.0	1	Manifold	Gevasol P7004.M212 Bypass NO Base		
3	5.1004.3926.0	1	Actuator	Normally Closed (NC - USA)		(see page 50)
4	5.1004.3942.0	1	Spring	Gevasol SP1039 Compression spring for NC valve		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



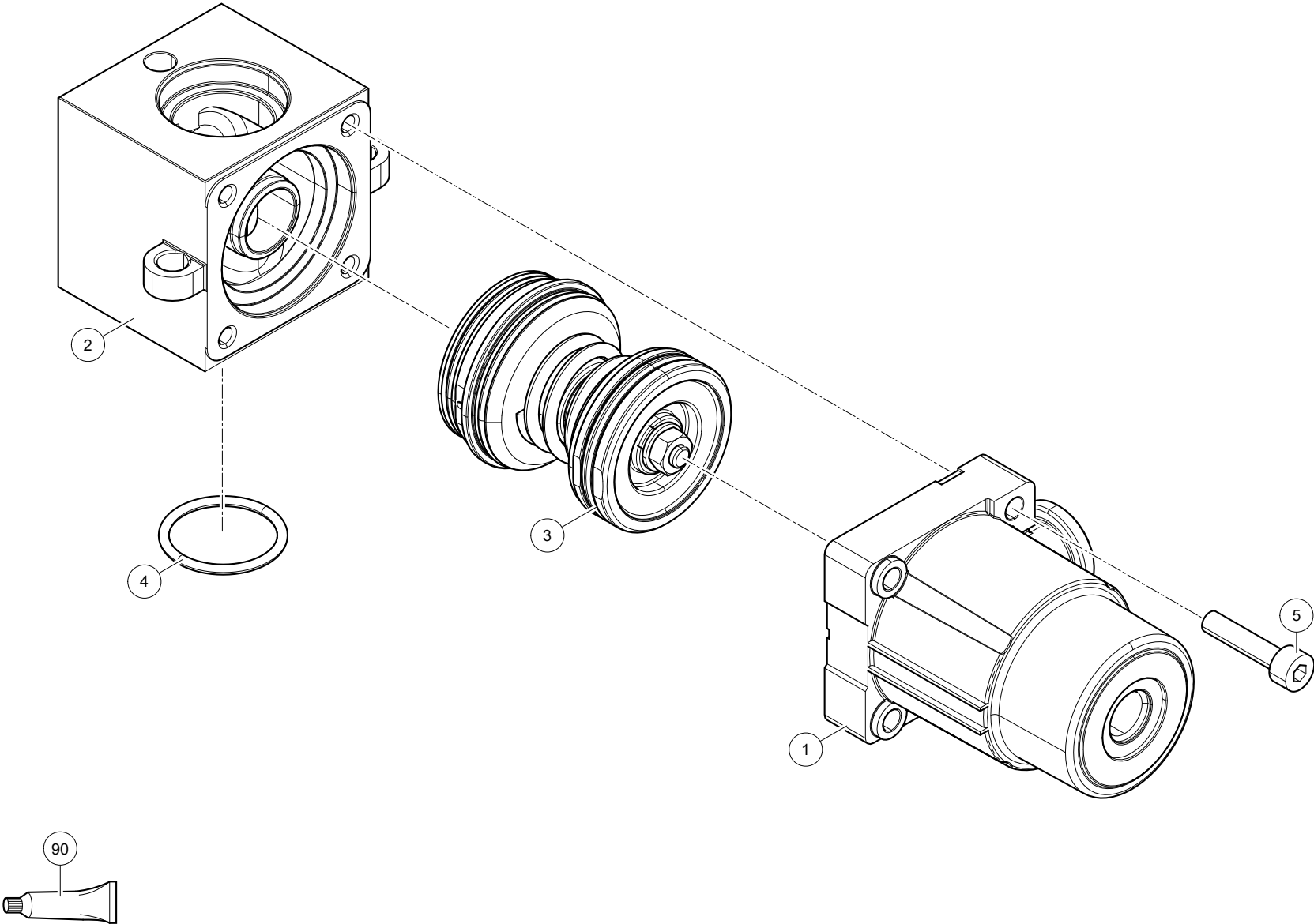




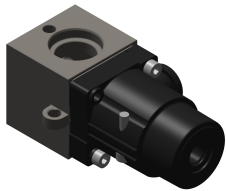
Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3908.0	1	Manifold	Gevasol P7004.M211 Barbed Base		
3	5.1004.3926.0	1	Actuator	Normally Closed (NC - USA)		(see page 50)
4	5.1004.3942.0	1	Spring	Gevasol SP1039 Compression spring for NC valve		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		





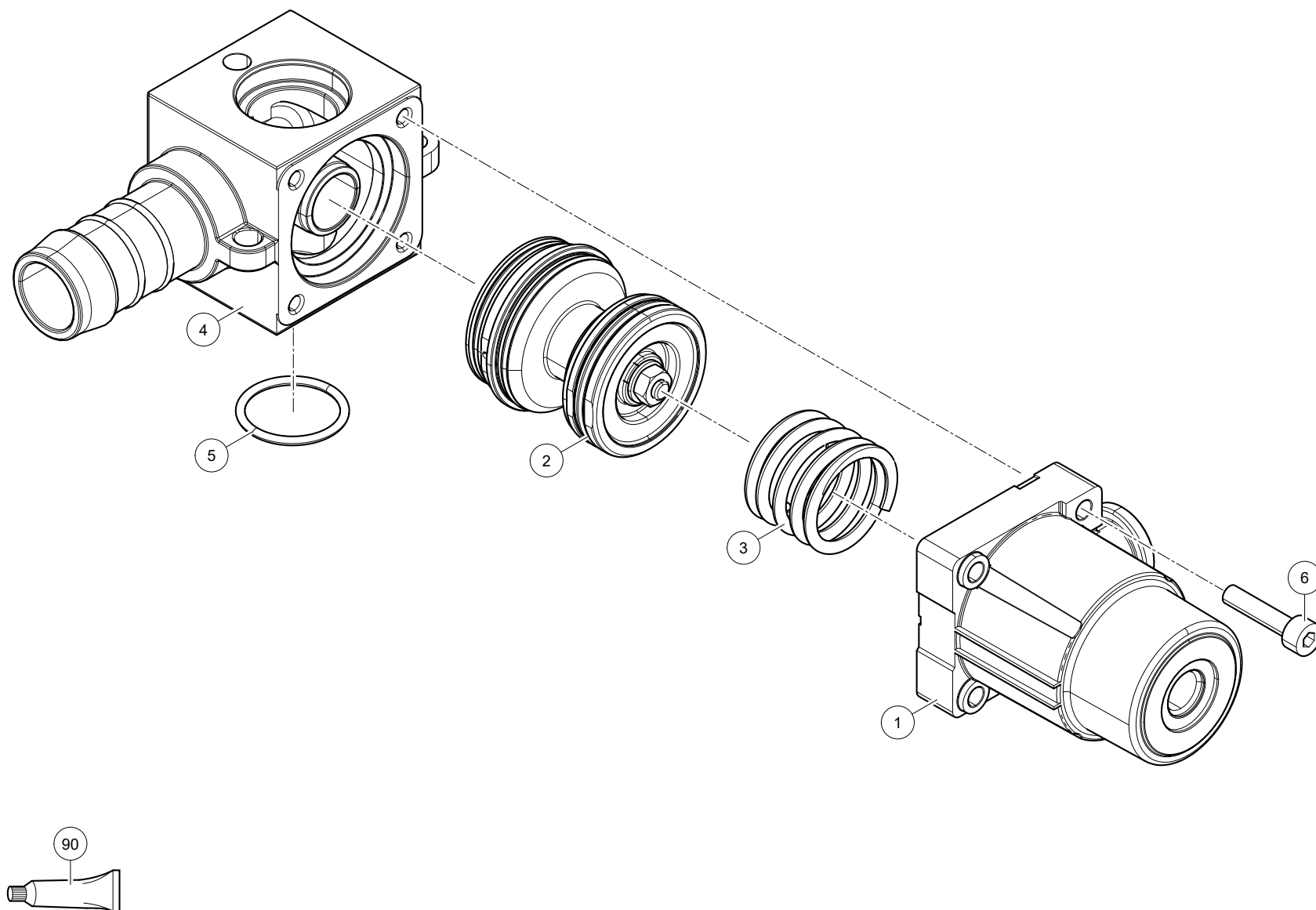


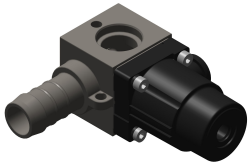


Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gevasol P7003.M050 Cover NC/NO		
2	5.1004.3909.0	1	Manifold	Gevasol P7004.M212 Bypass NO Base		
3	5.1004.3925.0	1	Actuator	Normally Open (NO - USA)		(see page 48)
4	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
5	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



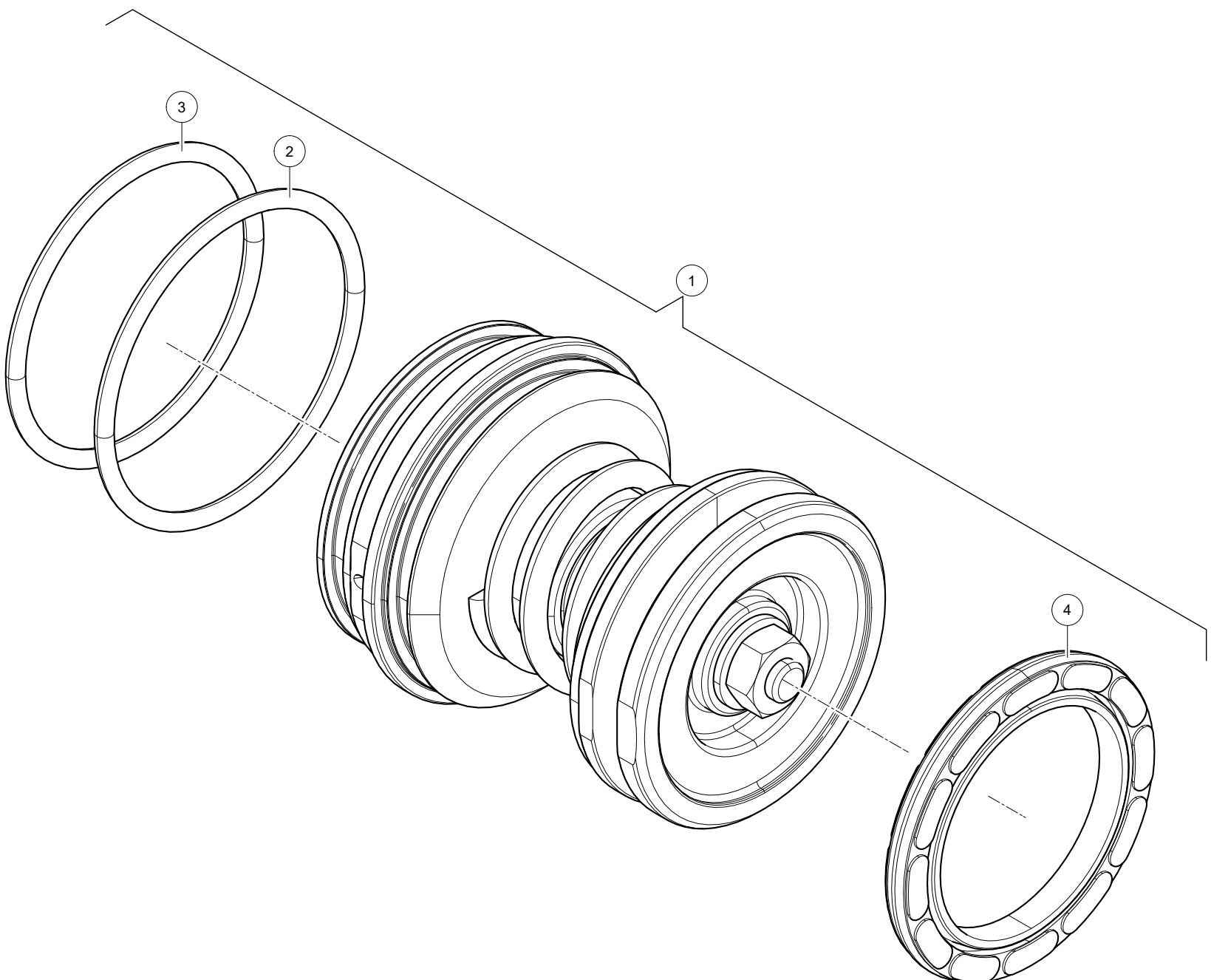




Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3901.0	1	Cover	Gegasol P7003.M050 Cover NC/NO		
2	5.1004.3926.0	1	Actuator	Normally Closed (NC - USA)		(see page 50)
3	5.1004.3942.0	1	Spring	Gegasol SP1039 Compression spring for NC valve		
4	5.1004.7377.0	1	Manifold	19mm		
5	9.1043.0266.0	1	O-ring	SL2-018, 18.77x1.78, FKM 70+5 Sh. A black ( V747-75)		
6	9.1057.0164.2	4	S.h. bolt	M4x18 DIN912 s/s		
90	9.1171.0116.0	1	Grease	10ml tube - Silicone Grease for dynamic/static seal		



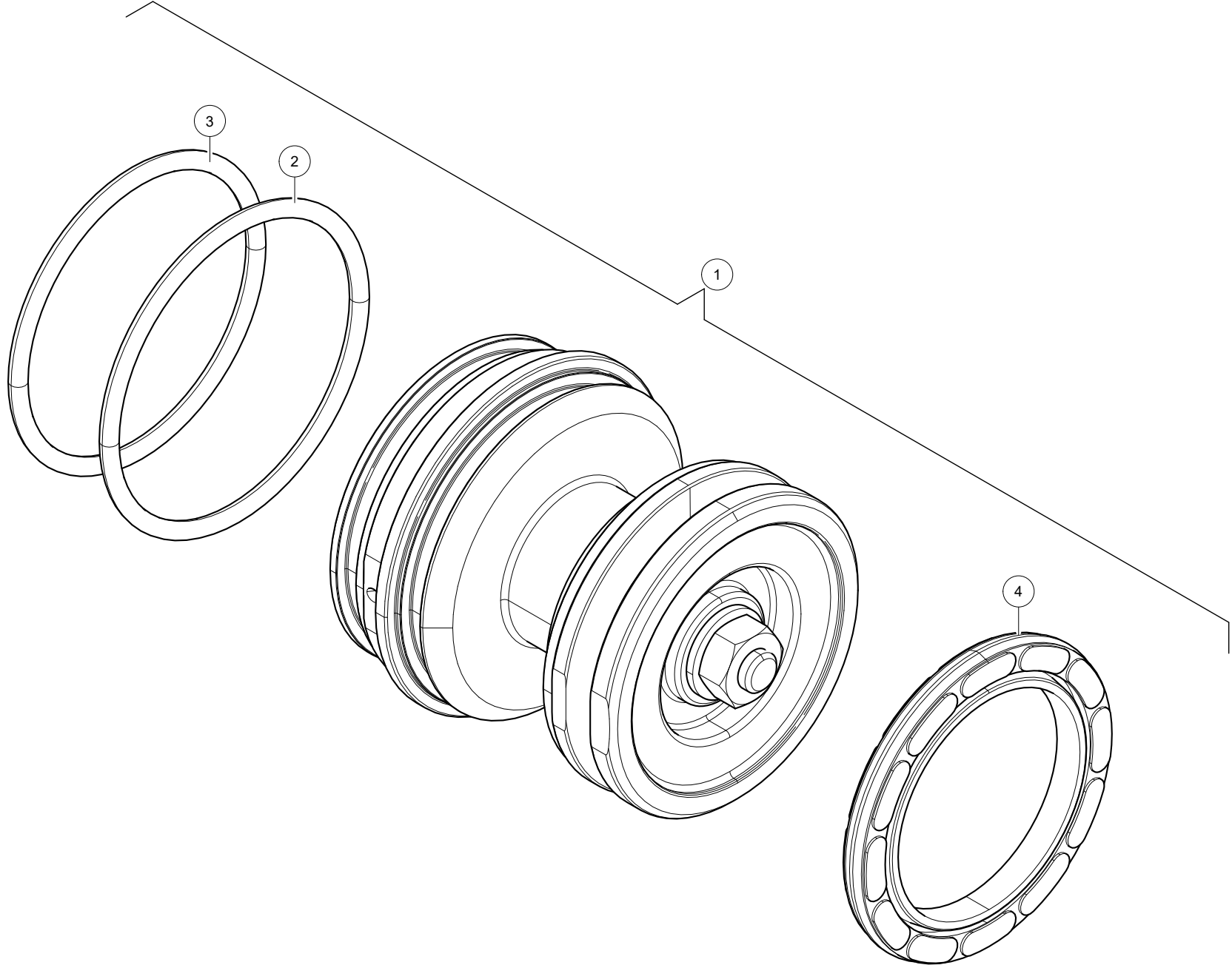




Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3925.0	1	Actuator	Normally Open (NO - USA)		
2	9.1043.0283.0	1	O-ring	SL2-025 29.87 x 1.78FKM 70°+5° SHORE A, BLACK (V747-75) PARK		
3	9.1043.0285.0	1	O-ring	28.3 x 1.78 FKM VITON 2-024		
4	9.1189.0075.5	1	Ring	16x22x4		







Astronaut A5      Water Valves      5.1X05.00XX-X      0003242094  
Block

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3926.0	1	Actuator	Normally Closed (NC - USA)		
2	9.1043.0283.0	1	O-ring	SL2-025 29.87 x 1.78FKM 70°+5° SHORE A, BLACK (V747-75) PARK		
3	9.1043.0285.0	1	O-ring	28.3 x 1.78 FKM VITON 2-024		
4	9.1189.0075.5	1	Ring	16x22x4		





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