



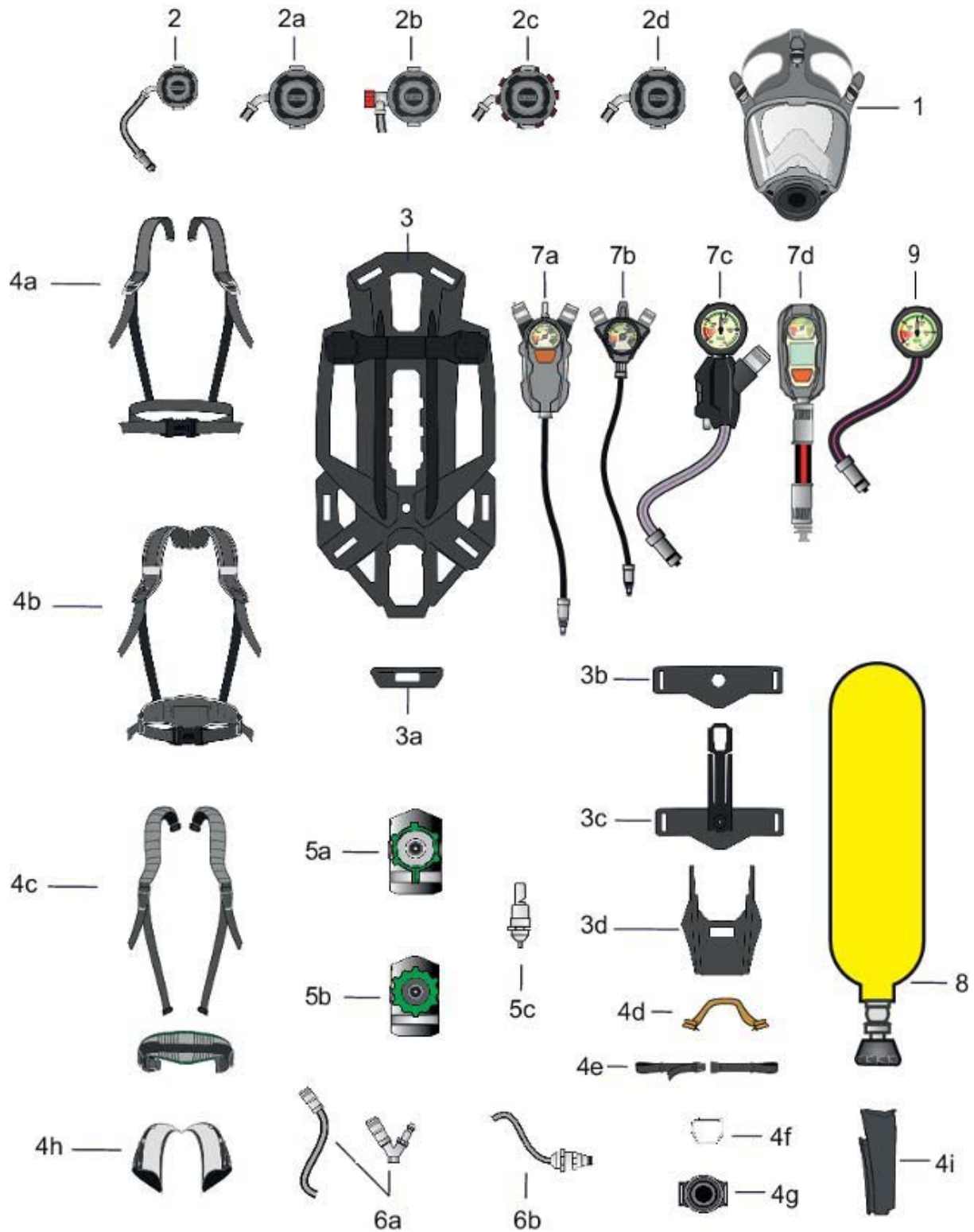
SYSTEM OVERVIEW (SCHEMATIC REPRESENTATION)



WHEN YOU GO IN, WE GO IN WITH YOU.



System Overview (schematic representation)



System overview	
1	Full Face Mask
2	Lung Governed Demand Valve (LGDV)
2a	LGDV AS (Push-to-connect)
2b	LGDV AS-B (Push-to-connect with bypass)
2c	LGDV AE (M 45x3)
2d	LGDV ESA
3	Backplate and accessories
3a	Bumper
3b	Swivel only attachment for hip belt
3c	Swivel and height adjustment attachment for hip belt
3d	Valve protection
4	Harness and accessories
4a	Basic harness
4b	Advanced harness
4c	eXXtreme harness
4d	Rescue handle
4e	Chest strap
4f	Attachment point
4g	LGDV retainer
4h	Tunnel (eXXtreme harness)
4i	Anti-entanglement protection
5	Pneumatic options and gauges
5a	Pressure reducer with alphaCLICK II
5b	Pressure reducer with handwheel
5c	Warning signal with adapter
6a	Buddy breather
7	Manifold options
7a	SingleLine SCOUT
7b	Combi gauge
7c	Standard SingleLine gauge
7d	Control Module
7e	Classic gauge
8	Cylinder

Swivel only



	Part number	Description
4	10198951	Swivel plate
1	Included in (4)	Screw M6x35
3	Included in (4)	Swivel support
5	Included in (4)	Swivel spring
6	Included in (4)	Swivel Nut
2	10189274-SP	M1 Backplate only

Swivel and height adjustment



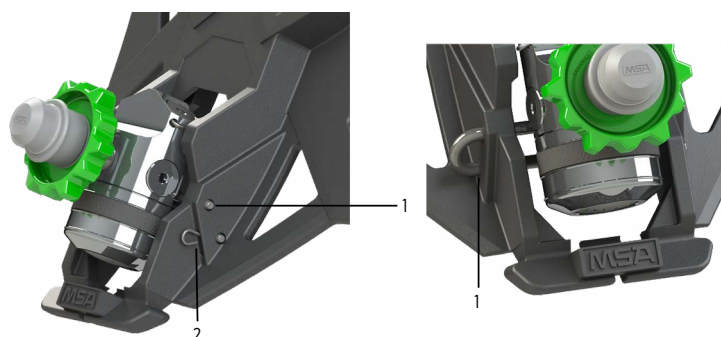
	Part number	Description
3	10198953	Height adjustment slider
2	Included in (3)	Screw M6x25
4	Included in (3)	Swivel plate
5	Included in (3)	Swivel spring
6	Included in (3)	Swivel Nut
1	10189274-SP	M1 Backplate only

Cylinder support



	Part number	Description
1	10189428-SP	Cylinder support
2	10198940	Fixation pin with retaining ring
3	10203899	Entanglement Protection

Pressure reducer

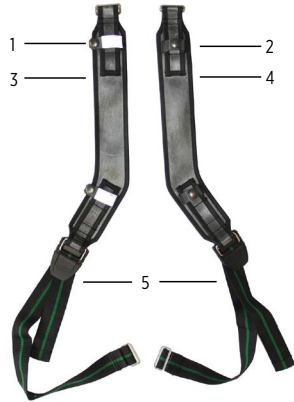


	Part number	Description
1	10189471-SP	Pressure reducer retainer
2	10196789-SP	Catch spring

Spare parts	Part number	Description
Backplate		
	10189274-SP	Carrying plate, M1 SCBA
	10198951	Swivel plate, M1 SCBA
	10198953	Height adjustment, M1 SCBA
	10189829-SP	Cylinder valve protection, M1 SCBA
Cylinder support		
	10189428-SP	Cylinder support, M1 SCBA, 5 pcs
	10198940	Fixture cylinder support, M1 SCBA, 10 pcs
	10198954	Cylinder retainer strap, short, plastic buckles, M1 SCBA
	10198955	Cylinder retainer strap, short, metal buckles, M1 SCBA
	10198956	Cylinder retainer strap, long, plastic buckles, M1 SCBA
	10198957	Cylinder retainer strap, long, metal buckles, M1 SCBA
	10026846-SP	Cylinder buckle
	10040385	Cylinder buckle, eXXtreme
	10189429-SP	Cylinder divider bracket, M1 SCBA, 5 pcs
	10149728-SP	RFID asset tag 13.56 MHz, 10 pcs
	10192647-SP	Slider metal, cylinder retainer strap, M1 SCBA, 10 pcs
	10198964	Cylinder retainer strap, short, M1 SCBA, 5 pcs
	10198965	Cylinder retainer strap long, M1 SCBA, 5 pcs
Pressure reducer		
	10199378	Fixture PR18, M1 SCBA, 10 pcs, set
	10096131	O-ring 3x1.5, 10 pcs
	10196789-SP	Catch spring, U-clip, M1 SCBA, 10 pcs

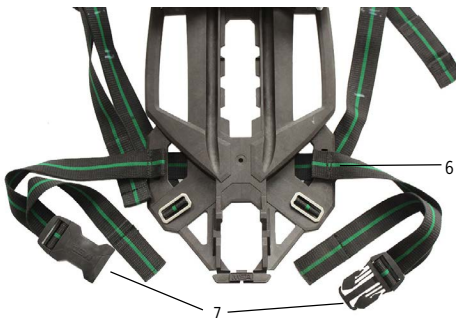


BASIC harness (plastic buckles)



	Part number	Description
1	10192737-SP	Hose retainer rescue, M1 SCBA, 5 pcs
2	10192736-SP	Hose retainer fix, M1 SCBA, 5 pcs
3	10194103-SP	Shoulder strap right, plastic buckles, Basic, M1 SCBA
4	10194102-SP	Shoulder strap left, plastic buckles, Basic, M1 SCBA
5	10194085-SP	Adjustment (pull) strap, M1 SCBA, 2 pcs

BASIC hip belt (plastic buckles)



	Part number	Description
6	10192724-SP	Hip belt, Basic, M1 SCBA
7	10198966	Hip belt buckle, black, M1 SCBA, 5 pcs

eXXtreme harness



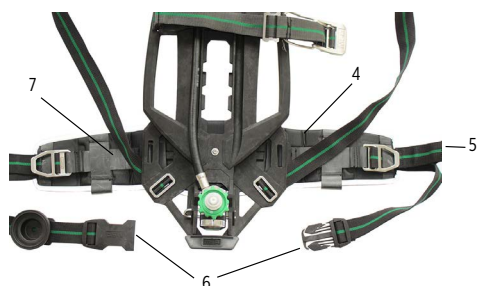
	Part number	Description
1	10145845	eXXtreme protection tunnel, black, right
2	10152141	eXXtreme shoulder strap, right, complete without tunnel
3	10145844	eXXtreme protection tunnel, black, left
4	10152140	eXXtreme shoulder strap, left, complete without tunnel

ADVANCE harness (metal buckles)



	Part number	Description
1	10194101-SP	Shoulder strap right, metal buckles, Advance, M1 SCBA
2	10194098-SP	Shoulder strap left, metal buckles, Advance, M1 SCBA
3	10194085-SP	Adjustment (pull) strap, M1 SCBA, 2 pcs

ADVANCE harness on swivel hip belt (metal buckles)



	Part number	Description
4	10192729-SP	Hip belt pad, M1 SCBA, spare
5	10194097-SP	Hip adjustment (pull) strap, M1 SCBA, 2 pcs
6	10198966	Hip belt buckle, black, M1 SCBA, 5 pcs
7	10194094-SP	Connecting hip belt, metal buckles, Advance, M1 SCBA, 2 pcs

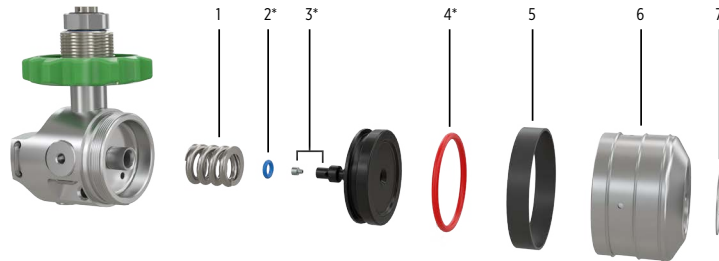
M1 harness and accessories

Spare parts	Part number	Description
Shoulder straps		
	10194084-SP	Shoulder strap left, metal buckles, Basic, M1 SCBA
	10194089-SP	Shoulder strap right, metal buckles, Basic, M1 SCBA
	10194099-SP	Shoulder strap left, plastic buckles, Advance, M1 SCBA
	10194100-SP	Shoulder strap right, plastic buckles, Advance, M1 SCBA
	10215493	Shoulder straps left and right, metal buckles, Advance, M1 SP
	10215494	Shoulder straps left and right, plastic buckles, Advance, M1 SP
Hip belt		
	10194094-SP	Connecting hip belt, metal buckles, Advance, M1 SCBA, 2 pcs
	D4075166-SP	Strap holder for waist strap, 10 pcs
	10160003-SP	Strap holder 50 mm, waist strap, 10 pcs
	10152142	eXXtreme Hip belt, complete, black
Accessories		
	10186738-SP	Ring, accessory attachment, 5 pcs
	D4075963	Chest strap, assembly
	10192735-SP	Rescue handle, M1 SCBA

PR18 Threaded Connection

200/300 bar (10190005-SP) and 300 bar QuickFill (10192954-SP)

PISTON AND CAP



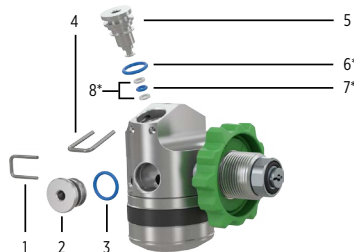
Description	Part No.	Unit
1 Pressure Spring	10199380	5 pcs.
* Piston Assembly:	10199421	1 pc.
2 Lower Piston O-Ring	<i>included in 10199421</i>	1 pc.
3 Piston Seal	<i>included in 10199421</i>	1 pc.
4 Upper Piston O-Ring	<i>included in 10199421</i>	1 pc.
5 Cap Seal Ring	10189030-SP	10 pcs.
6 Housing Cap, Torque 10 Nm +/- 0.5 Nm	10186897-SP	5 pcs.
Torque Nut for Disassembly of Housing Cap	10200040	1 pc.
7 Seal (MSA Logo)	10070156	10 pcs.

SAFETY VALVE



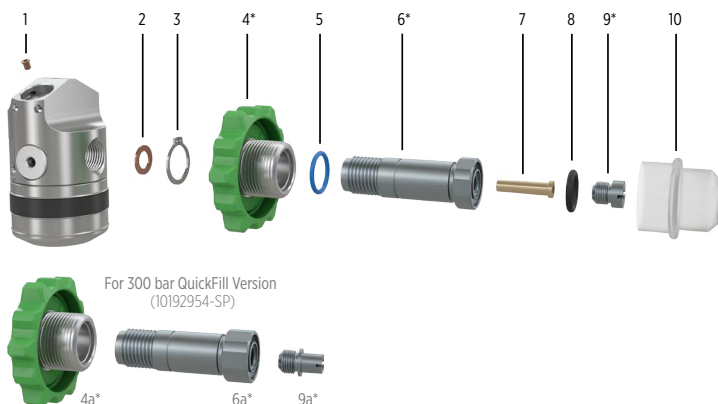
Description	Part No.	Unit
* Safety Valve PR18 Assembly:	10198978	1 pc.
1 Sealing Ring	<i>included in 10198978</i>	1 pc.
2 Piston	<i>included in 10198978</i>	1 pc.
3 Spring	<i>included in 10198978</i>	1 pc.
4 Cap, Torque 2.5 Nm +/- 0.5 Nm	<i>included in 10198978</i>	1 pc.

PORT PLUGS



Description	Part No.	Unit
1 U-Clip for MP Port	10096120	5 pcs.
2 Plug for MP Port with Sealing	10199002	5 pcs.
3 O-Ring, 10.82 x 1.78	10188467-SP	10 pcs.
4 U-Clip for SL Port	10069350	10 pcs.
5 Plug for SL Port with Sealing, incl. P/N 10194382	10199001	5 pcs.
* Sealing Kit, SL Connection:	10194382	1 kit
6 O-Ring, 9.52 x 1.78	<i>included in 10194382</i>	1 pc.
7 O-Ring, 3 x 1.5	<i>included in 10194382</i>	1 pc.
8 Back Ring, 5.80 x 3.0 x 0.5	<i>included in 10194382</i>	2 pcs.

HIGH PRESSURE CONNECTION



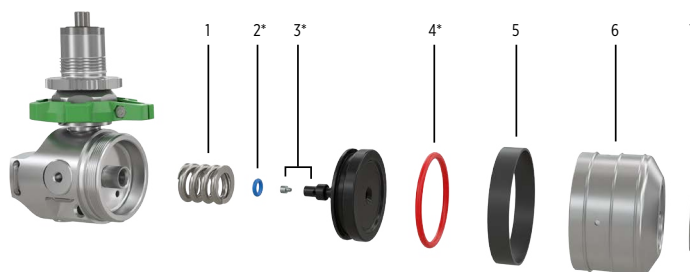
Description	Part No.	Unit
1 Dosing Screw for SL Port, 25 l at 200 bar	10053714-SP	10 pcs.
2 Sealing Ring, 8x13x1-CU	10193052-SP	10 pcs.
3 Circlip, 16x1	10195729-SP	10 pcs.
4 Handwheel 200/300 bar	10146100-SP	5 pcs.
4a* Handwheel 300 bar, QuickFill	10151557-SP	5 pcs.
5 O-Ring, 14x2	10096171	10 pcs.
6 High Pressure Socket, Torque 45 Nm + 5 Nm, 200/300 bar	10198979	5 pcs.
6a* High Pressure Socket, Torque 45 Nm + 5 Nm, 300 bar, QuickFill	10198980	5 pcs.
7 Sinter Filter	10200038	10 pcs.
8 O-Ring	D4080948	10 pcs.
9 Threaded Nipple, Torque 5 Nm +/- 0.5 Nm, 200/300 bar	D4075062-SP	10 pcs.
9a* Threaded Nipple, Torque 5 Nm +/- 0.5 Nm, 300 bar, QuickFill	D4075061-SP	1 pc.
10 Protective Cap	10088298	10 pcs.

* For 300 bar QuickFill version components 4, 6, 9 are different

PR 18 alphaCLICK II 300 bar (10192953-SP)

PISTON AND CAP

Description	Part No.	Unit
1 Pressure Spring	10199380	5 pcs.
* Piston Assembly:	10199421	1 pc.
2 Lower Piston O-Ring	<i>included in 10199421</i>	1 pc.
3 Piston Seal	<i>included in 10199421</i>	1 pc.
4 Upper Piston O-Ring	<i>included in 10199421</i>	1 pc.
5 Cap Seal Ring	10189030-SP	10 pcs.
6 Housing Cap, Torque 10 Nm +/- 0.5 Nm	10186897-SP	5 pcs.
Torque Nut for Disassembly of Housing Cap	10200040	1 pc.
7 Seal (MSA Logo)	10070156	10 pcs.



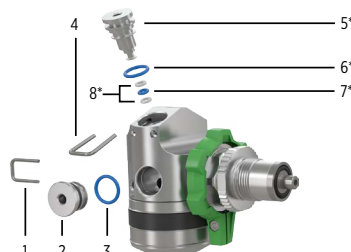
SAFETY VALVE

Description	Part No.	Unit
* Safety Valve PR18 Assembly:	10198978	1 pc.
1 Sealing Ring	<i>included in 10198978</i>	1 pc.
2 Piston	<i>included in 10198978</i>	1 pc.
3 Spring	<i>included in 10198978</i>	1 pc.
4 Cap, Torque 2.5 Nm ± 0.5 Nm	<i>included in 10198978</i>	1 pc.



PORT PLUGS

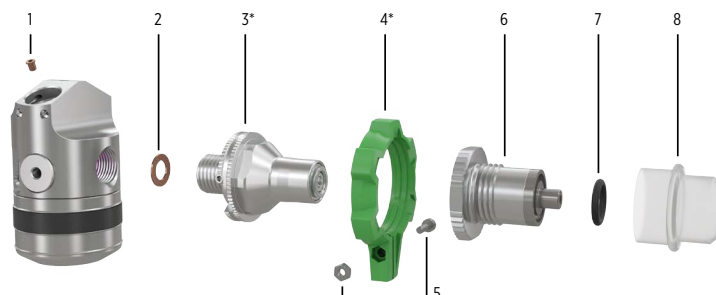
Description	Part No.	Unit
1 U-Clip for MP Port	10096120	5 pcs.
2 Plug for MP Port with Sealing	10199002	5 pcs.
3 O-Ring, 10.82 x 1.78	10188467-SP	10 pcs.
4 U-Clip for SL Port	10069350	10 pcs.
5 Plug for SL Port with Sealing, incl. P/N 10194382	10199001	5 pcs.
* Sealing Kit, SL Connection:	10194382	1 kit
6 O-Ring, 9.52 x 1.78	<i>included in 10194382</i>	1 pc.
7 O-Ring, 3 x 1.5	<i>included in 10194382</i>	1 pc.
8 Back Ring, 5.80 x 3.0 x 0.5	<i>included in 10194382</i>	2 pcs.



HIGH PRESSURE CONNECTION

Description	Part No.	Unit
1 Dosing Screw for SL Port, 25 l at 200 bar	10053714-SP	10 pcs.
2 Sealing Ring, 13.5x8.2x1 CU	10096335	10 pcs.
* alphaCLICK II Coupling 300 bar Upgrade Set:	10191333	1 pc.
3 alphaCLICK II Coupling, Torque 45Nm + 5Nm	<i>included in 10191333</i>	1 pc.
4 Indicator Ring alphaCLICK II, incl. 5x Screw and Nut M3	10191331	5 pcs.
5 Screw and Nut M3 for Indicator Ring alphaCLICK II	10198977	10 pcs.
6 Cylinder Adapter alphaCLICK II	10191310	5 pcs.
7 O-Ring	D4080948	10 pcs.
8 Protective Cap	10088298	10 pcs.

* includes components 3 and 4

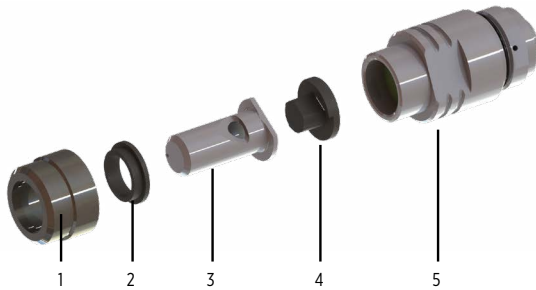


ACCESSORIES

Description	Part No.	Unit
Plug for Cylinder Adapter 300 bar	10208789	5 pcs.
Filling Panel Set 300 bar alphaCLICK II	10191332	1 pc.
alphaCLICK II Test Gauge (up to 400 bar)	10192641	1 pc.

Classic Line Assembly and Spare Parts:

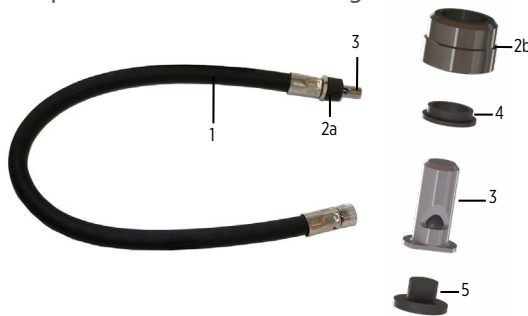
Warning signal



	Part number	Description
1	10065680	Retaining nut
2	D4075010	Insulating ring
3	D4075009	Whistle pipe
4	10096435	Nozzle
5	10198967	Warning signal, partially assembled

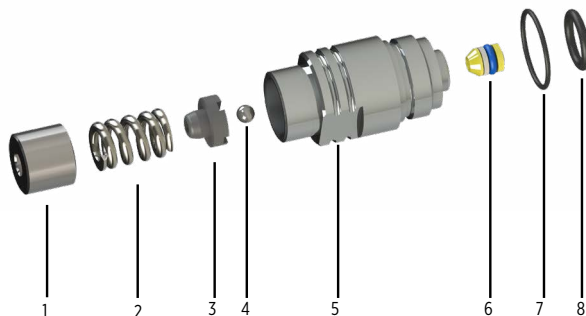
Signal line assembly

Components with metal holding nut



	Part number	Description
1	10192124-SP	Signal line, Whistle
2a	10096692	Plastic holding nut
2b	10065680	Metal holding nut
3	D4075009	Whistle pipe
4	D4075010	Insulating ring
5	10096435	Nozzle

Signal line assembly



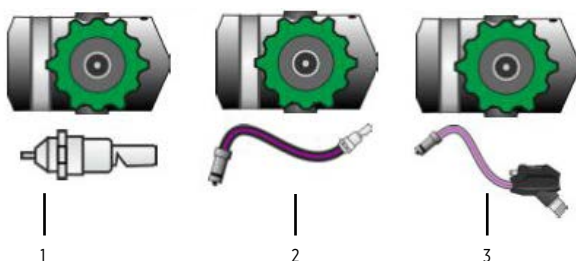
	Part number	Description
a	10198967	Warning signal, partially assembled, Spare
1	Included in (a)	Spring adjuster
2	Included in (a) or 10051587	Spring
3	Included in (a)	Spring carrier
4	Included in (a) or D4075073	Ball
5	Included in (a)	Housing
6	Included in (a) or D4075863	Piston with sealing package
7	Included in (a) or 10065863	O-ring
8	Included in (a) or 10061147	O-ring

Spare Parts:

Part number	Description
10198977	Screw and nut M3, 10 pcs
10191333	alphaCLICK II coupling 300 bar upgrade set
10191331	Indicator ring alphaCLICK II, 5 pcs
10191310	Cylinder adapter alphaCLICK II, 5 pcs
10191332	Filling panel set 300 bar alphaCLICK II
10192641	alphaCLICK II test gauge (up to 400 bar)
10053714-SP	Orifice, 25 l at 200 bar, DM04, 10 pcs
10199380	Pressure spring, PR18, M1 SCBA, 5 pcs
10199421	Piston, PR18, M1 SCBA
10186897-SP	Cap, PR18, M1 SCBA, 5 pcs
10189030-SP	Housing seal ring, PR18, M1 SCBA, 10 pcs
10198978	Safety valve, PR18, M1 SCBA
10070156	Seal (test badge), 10 pcs
10193052-SP	Seal ring 8x13x1-CU, 10 pcs
10198977	Screw and nut M3, 10 pcs
10088298	Protective cap for pressure reducer, 10 pcs
D0011250	Loctite 243 thread locker medium 50 ml
10040193	Thread locker, low strength, Loctite 932
10070334-SP	Loctite 7649, Activator, 500 ml
10032084	Grease, Klüberalpha YV93 (5 g)
10198979	High pressure socket 200/300, M1 SCBA, 5 pcs
10198980	High pressure socket 300 Q, SCBA, 5 pcs

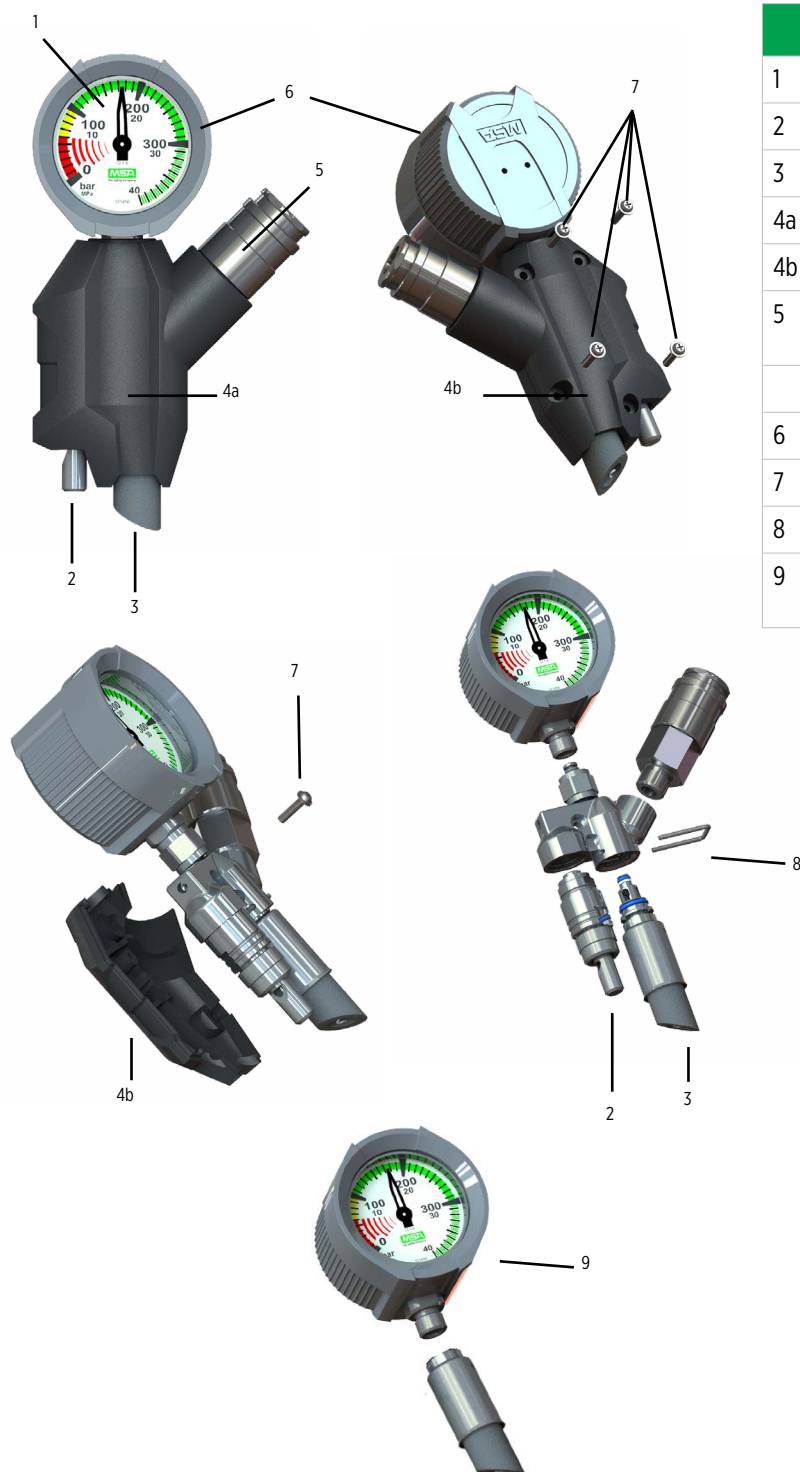
Part number	Description
10096171	O-ring 14x2, 10 pcs
10146100-SP	Handwheel 200/300, green, 5 pcs
10151557-SP	Hand wheel 300 Q green, SCBA, 5 pcs
10195729-SP	Circlip 16x1, 10 pcs
D4075076-SP	500E pressure reducer sinter filter
10200038	Sinter filter, pressure reducer, SCBA, 10 pcs
D4075062	500E pressure reducer, threaded nipple 200/300
D4075062-SP	Threaded nipple 200/300, pressure reducer, SCBA, 10 pcs
D4075061-SP	Threaded nipple 300 for QuickFill
10199422	Basic overhaul set, pressure reducer, M1 SCBA
10192953-SP	Pressure reducer alphaCLICK II, PR18, M1 SCBA
10192954-SP	Pressure reducer QuickFill, PR18, M1 SCBA
10190005-SP	Pressure reducer 200/300, PR18, M1 SCBA
10199001	Plug SL, PR18, M1 SCBA, 5 pcs
10199002	Plug medium pressure, PR18, M1 SCBA, 5 pcs
10069350	U-clip, DM04 SL, 10 pcs
10200040	Torque nut for disassembly, PR18 Cap, M1
10190947-SP	Protective cap whistle, wash., M1 SCBA, 25 pcs
10104613	Tool for plastic holding nut

Classic Line



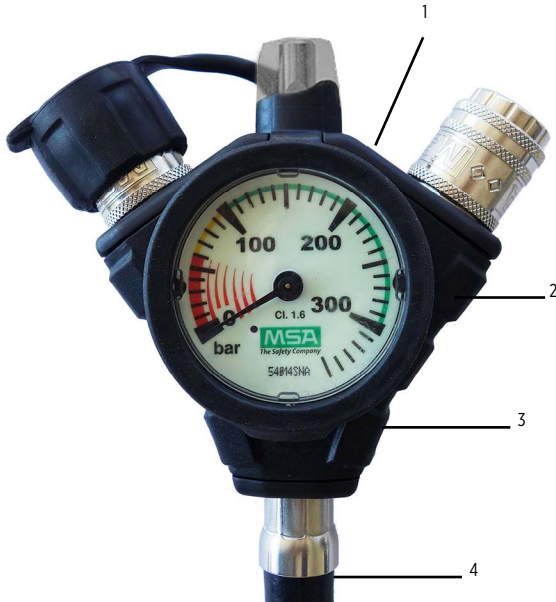
	Part number	Description
1	DG2018807	Adapter, SL, WS, M1 - BG
2	10192124-SP	Signal Line, M1
3	10189290	Manifold Assy, M1, fix

Standard SingleLine Gauge

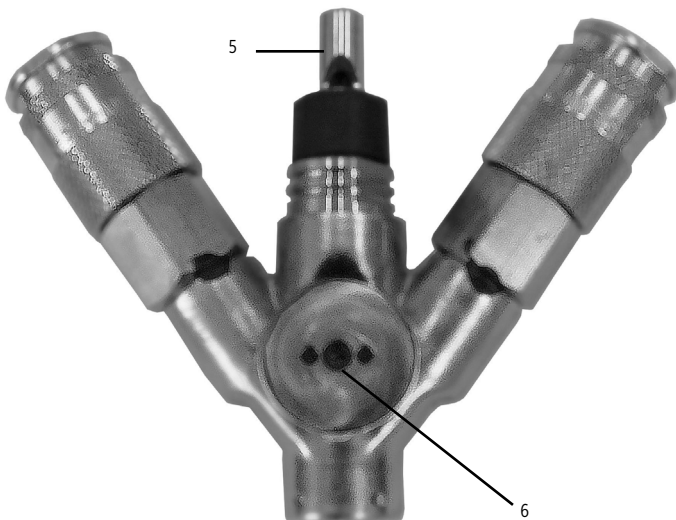


	Part number	Description
1	D4075858	Pressure gauge 300bar
2	10068850	Warning signal
3	10190967-SP	SingleLine
4a	10189470-SP	Front cover
4b	10149481-SP	Rear cover
5	10145049	Coupling (LGDV connection)
	10144747	O-ring in coupling
6	10086892-SP	Protective cap
7	10055175-SP	Screws (50 pcs)
8	10069350	U-clip
9	10190252	Gauge EN137 400bar-40MPa

SL Combination Gauge



	Part number	Description
1	10193422-SP	SL CombiGauge, two couplings, including hose
	10193423-SP	SL CombiGauge, one coupling, including hose
2	10069376	SL CombiGauge, spare set
3	10053356-SP	Protective cover
4	10190967-SP	SingleLine (SL) hose, 950mm, M1 SCBA, spare
5	D4075009-SP	Whistle pipe
6	10069375	O-ring 3x1 (10 pcs)
7	10053355-SP	Protective cover, lower
8	10068786-SP	O-ring 16x2 (10 pcs)



SingleLine Scout



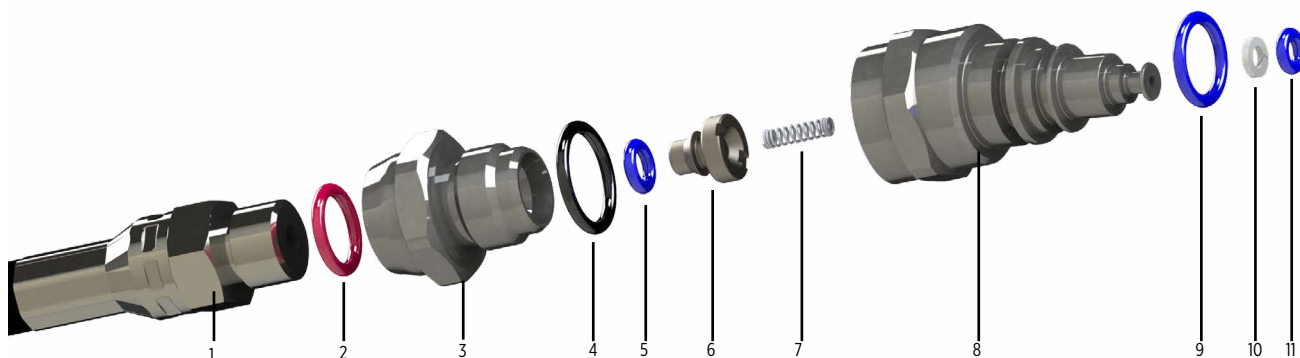
	Part number	Description
1	10183243	SingleLine SCOUT, 2 Couplings, no hose
	10184951	SingleLine SCOUT, 1 coupling, no hose
2	10186697	SCBA safety key, 10 pcs.
3	10186609-SP	U-clip (sensor), SingleLine SCOUT, 10 pcs.
4	10186613-SP	SingleLine SCOUT battery cover, 10 pcs.
5	10186610-SP	Sensor plug
	10185625-SP	Battery AA, Energizer L91 Ultimate, 4 pcs.

M1 Control Module



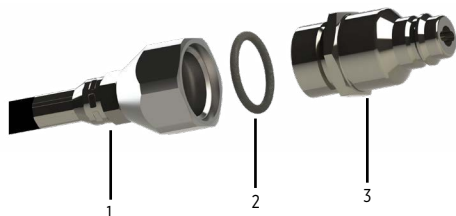
	Part number	Description
1	10198771	M1 Control module, EU telemetry, no hose
	10198772	M1 Control module, AUS telemetry, no hose
	10198773	M1 Control module, UK telemetry, no hose
	10198774	M1 Control module, no telemetry, no hose
2	10196877-SP	M1 Control Module rubber boot (2 pcs.)
3	10188700-SP	Gauge line, M1 SCBA, spare
4	10186697	SCBA safety key, 10 pcs.
5	10201875	M1 Battery U-clip (5 pcs.)
6	110201874	M1 Replacement battery
	10201877	M1 Battery charging adapter

QuickFill



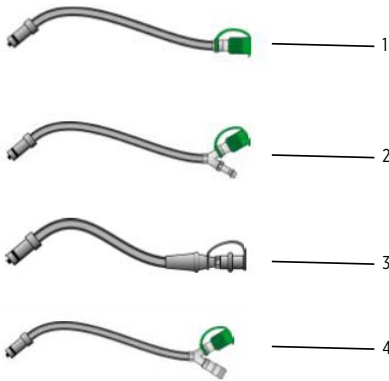
	Part number	Description
1	10191518-SP	QuickFill hose, M1 SCBA, spare
2		O-ring
3		Check valve housing
4		O-ring
5		O-ring
6		Check valve piston
7		Spring
8		QuickFill adapter
	10194382	Sealing Kit, Connection SL, SCBA, SPARE
9	Incl. in 10194382	O-ring
10	Incl. in 10194382	Backup ring
11	Incl. in 10194382	O-ring

QuickFill Coupling



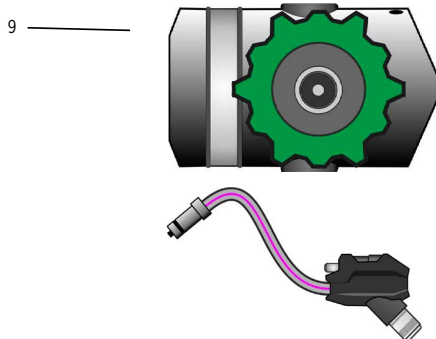
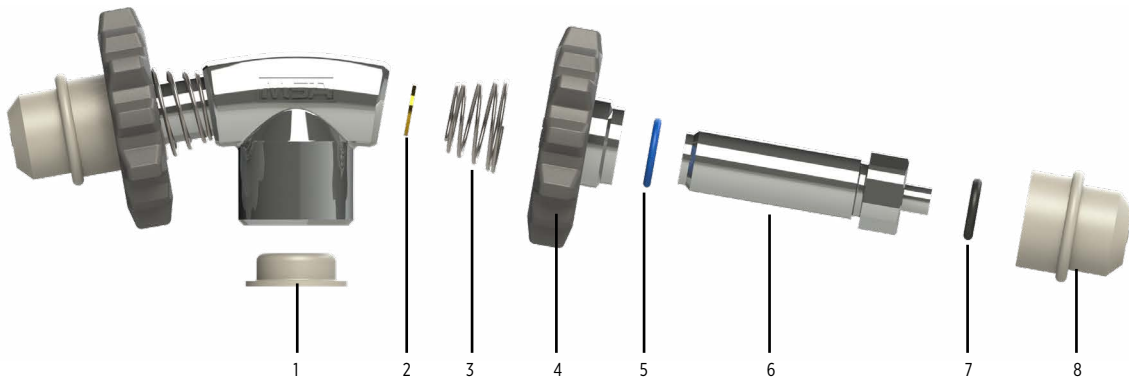
	Part number	Description
1	10191518-SP	QuickFill hose assembly
2	D4075961-SP	O-ring
3	D4075961-SP	QuickFill coupling

Single Line



	Part number	Description
1	10188308	Medium Pressure Hose M1, Coupling
2	10188309	Medium Pressure Hose M1, Y-Pc, Flush Funct
3	10192001	Medium Pressure Hose M1, Short, Nipple
4	10188310	Medium Press. Hose M1, Y-Pi., Coupl.

T-Piece 156/300



	Part number	Description
1	D0010271	Protective element
2	10096335	Copper gasket
3	D4075182	Conical spring
4	10151557-SP	Handwheel
5	10096171	O-ring 14x2 10 pcs
6	D4075094	High pressure socket
7	D4080948	O-ring 11x2.5 10 pcs
8	10088298	Protective cap
9	10189290	M1 Fix Manifold Assembly

M1 Pneumatics Spare Parts

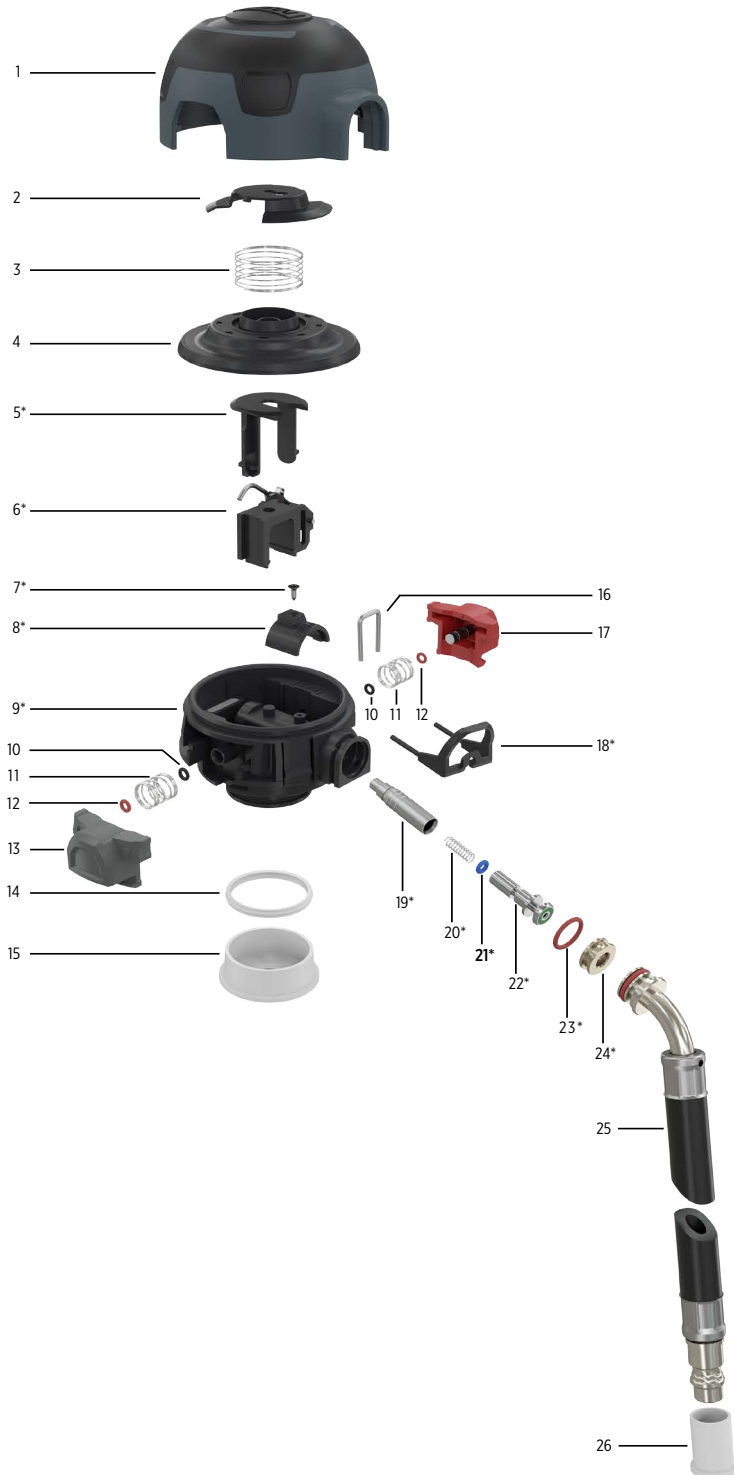
Part No.	Description
10188308-SP	Medium pressure hose, 1 coupling, M1 SCBA
10188309-SP	Medium pressure hose, 1 coupling / 1 nipple, flush, M1 SCBA
10188310-SP	Medium pressure hose, 2 couplings, M1 SCBA
10192001-SP	Medium pressure hose, hip, nipple, M1 SCBA
10188700-SP	Gauge line, M1 SCBA
10191518-SP	QuickFill hose, M1 SCBA
10192124-SP	Signal line, whistle, M1 SCBA
10069350	U-clip, DM04 SL, 10 pcs
D4075962-SP	QuickFill coupling protector (male)
D4075929	QuickFill line, 1 meter
D4075964	QuickFill coupling (female)
D4075027-SP	QuickFill coupling protector (female)
D4075858	Pressure gauge 300 bar
10086892-SP	Protective cap for pressure gauge
10190700-SP	Warning whistle adapter, M1 SCBA
10198967	Activator, warning whistle, M1 SCBA
10198968	Manifold SL w/o hose, M1 SCBA
10198969	Manifold CL w/o hose, M1 SCBA
10199665	Manifold SL with hose, M1 SCBA
10199666	Manifold CL with hose, M1 SCBA
10198970	Manifold SL fix w/o hose, M1 SCBA
10198971	Manifold SL fix with hose, M1 SCBA
10034315	Thrust ring for pressure gauge, 10 pcs

Part No.	Description
10034316	O-ring 2.9x1.78 for pressure gauge, 10 pcs
10068850	Warning device, short, 55 bar
D4075011-SP	Holding nut for warning signal, 5 pcs
10096435	Nozzle for warning signal, 10 pcs
10096331	Insulation ring, 10 pcs
D4075009-SP	Whistle tube for warning signal
10144747	O-ring 11x2, 10 pcs
10145049	Medium pressure coupling left side, Smart-CHECK
10190946-SP	Rubber plug manifold, M1 SCBA, 5 pcs
10053384-SP	Coupling, female alu, G 1/4" A, 2 pcs
10097544-SP	Rubber plug combi gauge, SCBA, 5 pcs
10166854-SP	Coupling, flush function, G1/4", 2 pcs
10069377	Sealing screw for gauge manifold, 10 pcs
D0011268-SP	O-ring 47.35x1.78, 10 pcs
D4066221-SP	Locking screw G1/4, 5 pcs
10061147-SP	O-Ring 8,73x1,78;70 SH(EPDM),Spare (10x)
10068853	Warning Device, Short, 55 bar, SL, spare
10096331	Insulation ring (10x)
10096435	Nozzle f. warning signal, red. (10x)
10104613	Tool for Plastic Holding Nut
D0011268-SP	O-Ring 47,35X 1,78, 10 pieces, spare
D4075009-SP	Whistle tube f.warning signal f.pre.red.
D4075073-SP	Ball 3.5mm, spare, 10 pieces
D4075863	Whistle piston, 5 pieces



M1 Lung Governed Demand Valve

AS VERSION



LGDV COMPONENTS

Description	Part No.	Unit
MI-AS LGDV, without hose	10198871	1 pc.
MI-AS LGDV, short	10207729	1 pc.
MI-AS LGDV, long	10206631	1 pc.
MI-AS LGDV fix, short	10198930	1 pc.
MI-AS LGDV fix, long	10198929	1 pc.
MI-AS-B LGDV bypass, short	10207756	1 pc.
MI-AS-B LGDV bypass, long	10207728	1 pc.
1 Cover	10184424-SP	1 pc.
2 Spring Retainer	10198876	5 pcs.
3 Positive Pressure Spring	10032087	1 pc.
4 Diaphragm, Rubber	10187469-SP	5 pcs.
5 Valve Fork	10080895	10 pcs.
6 Shutoff Assembly	10196670-SP	1 pc.
7 Self-tapped Screw, 2.2 x 6.5	10160999-SP	10 pcs.
8 Air Channel Cover	10161000-SP	5 pcs.
9 Housing	10160981-SP	1 pc.
10 O-Ring for Button, 2.5 x 1.5, black	10206857	20 pcs.
11 Spring for Button	10018965	5 pcs.
12 O-Ring for Button, 2.5 x 1.5, red	10027109-SP	20 pcs.
13 Grey Operating Button	10186023-SP	5 pcs.
14 Seal Ring	10032073	5 pcs.
15 Dust Cap	10097087	10 pcs.
16 U-Clip	10096120	5 pcs.
17 Red Operating Button	10186022-SP	5 pcs.
18 Valve Lever	10189430-SP	5 pcs.
19 Piston Guide	10161017-SP	5 pcs.
20 Spring for Piston	10161016-SP	5 pcs.
21 O-Ring, blue	10161013-SP	5 pcs.
22 Piston	10161015-SP	5 pcs.
23 O-Ring 10.82 x 1.78	10035606	5 pcs.
24 Sealing Seat	10161012-SP	5 pcs.
25 Medium Pressure Hose, short	10186029-SP	1 pc.
25 Medium Pressure Hose, long	10185643-SP	1 pc.
25 Medium Pressure Hose, short, bypass	10186280-SP	1 pc.
25 Medium Pressure Hose, long, bypass	10186301-SP	1 pc.
25 Medium Pressure Hose fix, short	10186302-SP	1 pc.
25 Medium Pressure Hose fix, long	10186303-SP	1 pc.
26 Protective Cap	D4080871	10 pcs.
* Valve Assembly AS/AE	10186021-SP	1 kit

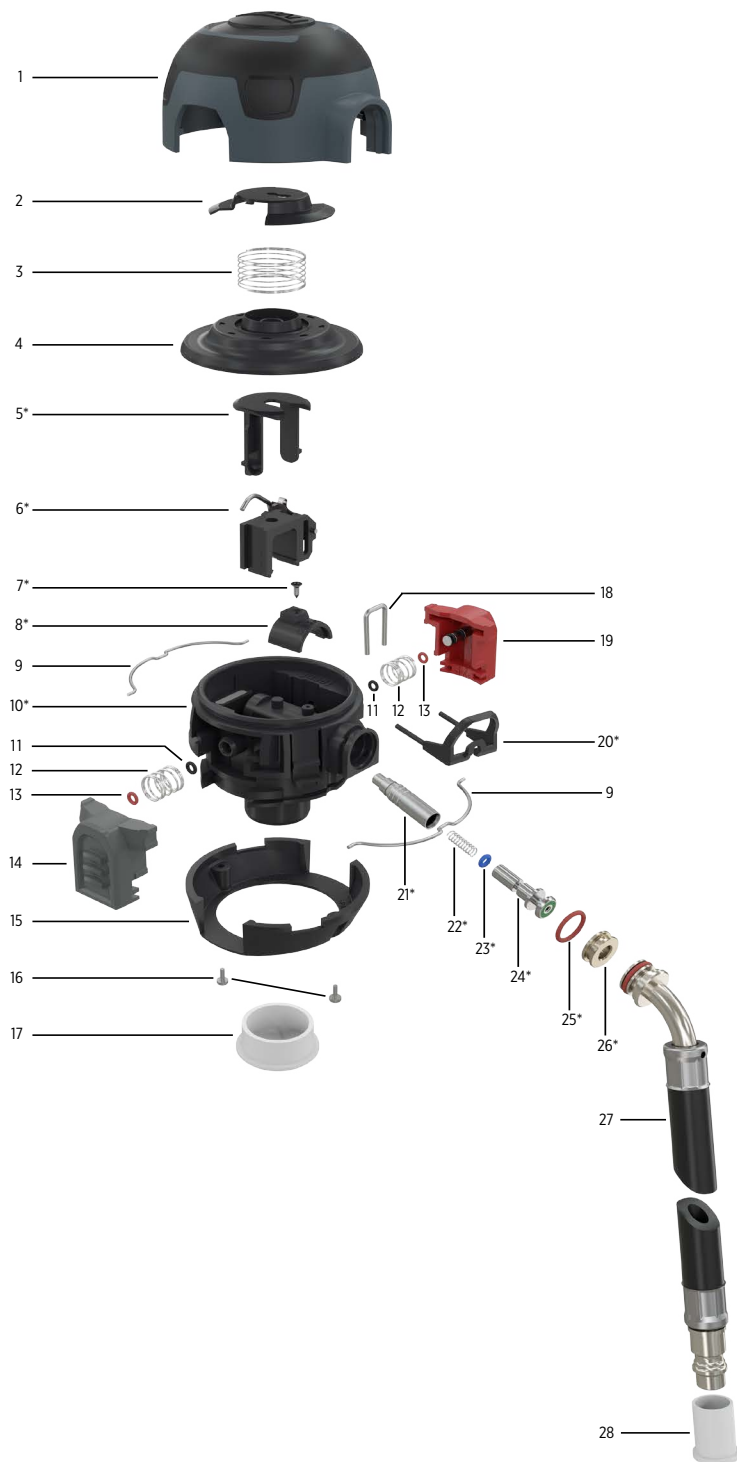
* Includes LGDV components 5, 6, 7, 8, 9, 18, 19, 20, 21, 22, 23, 24 (one piece each)

ACCESSORIES

Description	Part No.	Unit
Washing Adapter, M1 LGDV AS	10200071	5 pcs.
Basic Overhaul Set, M1 LGDV	10198868	1 kit
Maintenance Kit, M1 LGDV	10198875	1 kit
Test Adapter M1 fix SCBA	10200039	1 pc.
Demand Valve Holder AS	10118878-SP	5 pcs.
Grease, Klüberalpha YV93	10032084	5 g
Filler Cap, hole 12 mm	10097112	10 pcs.

Subject to change without prior notice.

ESA VERSION



LGDV COMPONENTS

Description	Part No.	Unit
MI-ESA LGDV, without hose	10198873	1 pc.
MI-ESA LGDV, short	10207754	1 pc.
MI-ESA LGDV, long	10207755	1 pc.
1 Cover	10184424-SP	1 pc.
2 Spring Retainer	10198876	5 pcs.
3 Positive Pressure Spring	10032087	1 pc.
4 Diaphragm, Rubber	10187469-SP	5 pcs.
5 Valve Fork	10080895	10 pcs.
6 Shutoff Assembly	10196670-SP	1 pc.
7 Self-tapped Screw, 2.2 x 6.5	10160999-SP	10 pcs.
8 Air Channel Cover	10161000-SP	5 pcs.
9 Spring Element ESA	10037863-SP	10 pcs.
10 Housing ESA	10184429-SP	1 pc.
11 O-Ring for Button, 2.5 x 1.5, black	10206857	20 pcs.
12 Spring for Button	10018965	5 pcs.
13 O-Ring for Button, 2.5 x 1.5, red	10027109-SP	20 pcs.
14 Grey Operating Button ESA	10186025-SP	5 pcs.
15 Ring Cover ESA	10043463-SP	1 pc.
16 Screw 30x7	10046675-SP	10 pcs.
17 Dust Cap ESA, perforated	10097099	10 pcs.
18 U-Clip	10096120	5 pcs.
19 Red Operating Button ESA	10186024-SP	5 pcs.
20 Valve Lever	10189430-SP	5 pcs.
21 Piston Guide	10161017-SP	5 pcs.
22 Spring for Piston	10161016-SP	5 pcs.
23 O-Ring blue	10161013-SP	5 pcs.
24 Piston	10161015-SP	5 pcs.
25 O-Ring 10.82 x 1.78	10035606	5 pcs.
26 Sealing Seat	10161012-SP	5 pcs.
27 Medium Pressure Hose, short	10186029-SP	1 pc.
27 Medium Pressure Hose, long	10185643-SP	1 pc.
27 Medium Pressure Hose fix, short	10186302-SP	1 pc.
27 Medium Pressure Hose fix, long	10186303-SP	1 pc.
28 Protective Cap	D4080871	10 pcs.
* Valve Assembly ESA	10186056-SP	1 kit

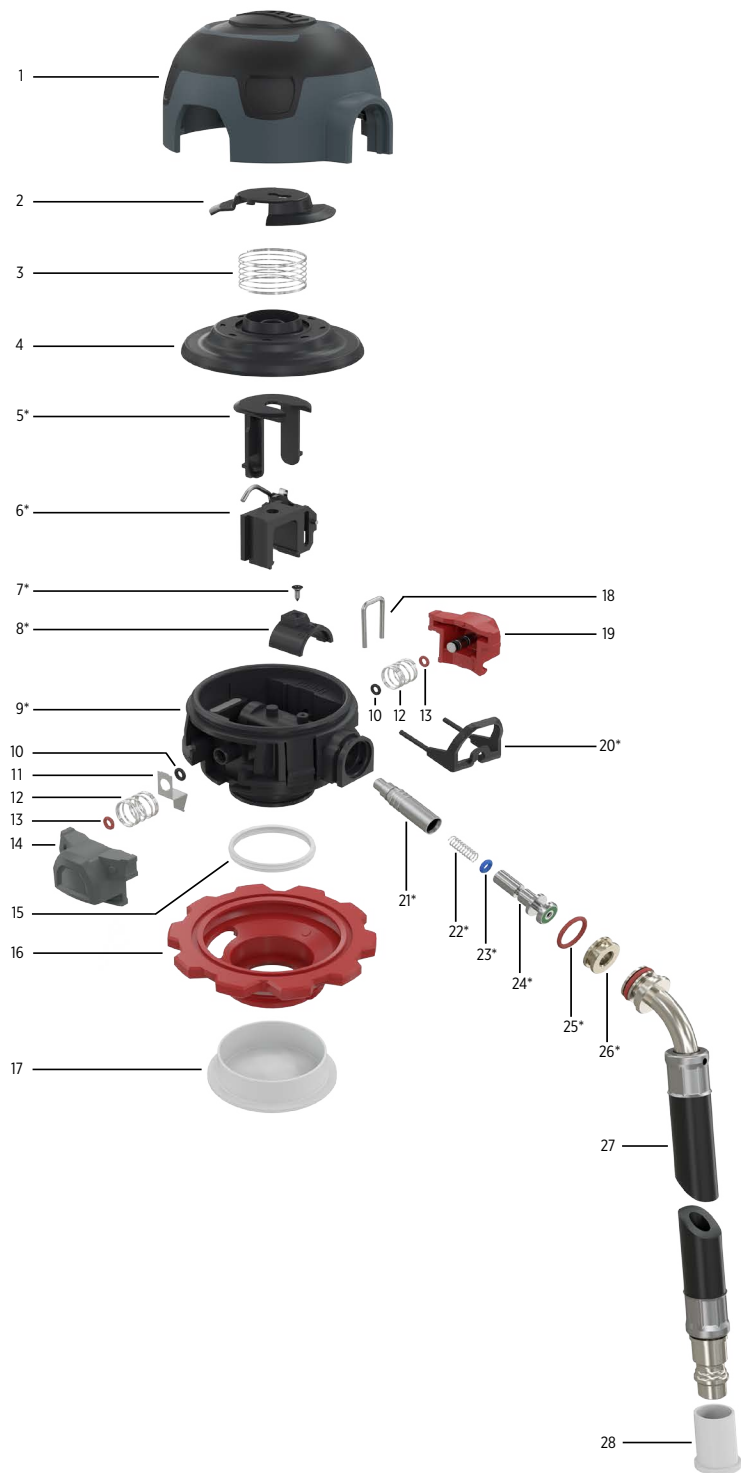
* Includes LGDV components 5, 6, 7, 8, 10, 20, 21, 22, 23, 24, 25, 26 (one piece each)

ACCESSORIES

Description	Part No.	Unit
Washing Adapter, MI LGDV AE/ESA	10200072	5 pcs.
Basic Overhaul Set, MI LGDV	10198868	1 kit
Maintenance Kit, MI LGDV	10198875	1 kit
Test Adapter MI fix SCBA	10200039	1 pc.
Demand Valve Holder ESA	10059353	1 pc.
Demand Valve Holder AE/ESA alpha B	10078512	1 pc.
Grease, Klüberalpha YV93	10032084	5 g
Filler Cap, hole 12 mm	10097112	10 pcs.

Subject to change without prior notice.

AE(M45x3)



LGDV COMPONENTS

Description	Part No.	Unit
M1-AE LGDV, M45x3, without hose	10198872	1 pc.
M1-AE LGDV, M45x3, short	10207751	1 pc.
M1-AE LGDV, M45x3, long	10207752	1 pc.
M1-AE LGDV, M45x3 fix, short	10198878	1 pc.
M1-AE LGDV, M45x3 fix, long	10198877	1 pc.
1 Cover	10184424-SP	1 pc.
2 Spring Retainer	10198876	5 pcs.
3 Positive Pressure Spring	10032087	1 pc.
4 Diaphragm, Rubber	10187469-SP	5 pcs.
5 Valve Fork	10080895	10 pcs.
6 Shutoff Assembly	10196670-SP	1 pc.
7 Self-tapped Screw, 2.2 x 6.5	10160999-SP	10 pcs.
8 Air Channel Cover	10161000-SP	5 pcs.
9 Housing	10160981-SP	1 pc.
10 O-Ring for Button, 2.5 x 1.5, black	10206857	20 pcs.
11 Securing Clamp, LGDV AE	10020380-SP	10 pcs.
12 Spring for Button	10018965	5 pcs.
13 O-Ring for Button, 2.5 x 1.5, red	10027109-SP	20 pcs.
14 Grey Operating Button	10186023-SP	5 pcs.
15 Seal Ring	10032073	5 pcs.
16 Handwheel	10032070	1 pc.
17 Dust Cap	10097087	10 pcs.
18 U-Clip	10096120	5 pcs.
19 Red Operating Button	10186022-SP	5 pcs.
20 Valve Lever	10189430-SP	5 pcs.
21 Piston Guide	10161017-SP	5 pcs.
22 Spring for Piston	10161016-SP	5 pcs.
23 O-Ring, blue	10161013-SP	5 pcs.
24 Piston	10161015-SP	5 pcs.
25 O-Ring 10.82 x 1.78	10035606	5 pcs.
26 Sealing Seat	10161012-SP	5 pcs.
27 Medium Pressure Hose, short	10186029-SP	1 pc.
27 Medium Pressure Hose, long	10185643-SP	1 pc.
27 Medium Pressure Hose fix, short	10186302-SP	1 pc.
27 Medium Pressure Hose fix, long	10186303-SP	1 pc.
28 Protective Cap	D4080871	10 pcs.
* Valve Assembly AS/AE	10186021-SP	1 kit

* includes LGDV components 5, 6, 7, 8, 9, 20, 21, 22, 23, 24, 25, 26 (one piece each)

ACCESSORIES

Description	Part No.	Unit
Washing Adapter, M1 LGDV AE/ESA	10200072	5 pcs.
Basic Overhaul Set, M1 LGDV	10198868	1 kit
Maintenance Kit, M1 LGDV	10198875	1 kit
Test Adapter M1 fix SCBA	10200039	1 pc.
Demand Valve Holder AE alpha	10087657	1 pc.
Demand Valve Holder AE alpha B	10078511	1 pc.
Demand Valve Holder AE/ESA alpha B	10078512	1 pc.
Grease, Klüberalpha YV93	10032084	5 g
Filler Cap, hole 12 mm	10097112	10 pcs.

Subject to change without prior notice.

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MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.

MSA: WE KNOW WHAT'S AT STAKE.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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