



Operating manual

Wildcat 18 - 40

Puma 28 - 40 / 15 - 70 / 15 - 150

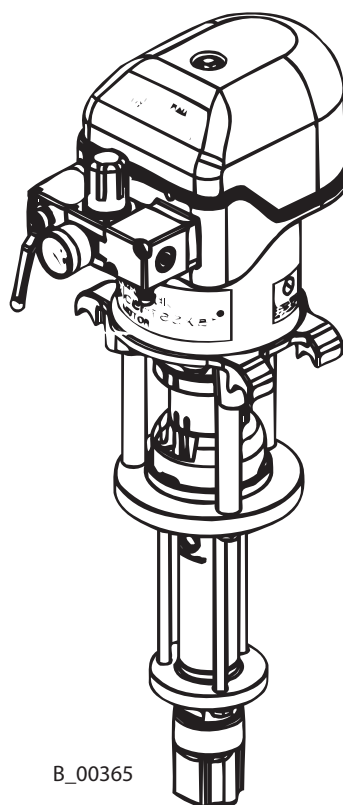
Leopard 35 - 70 / 35 - 150

Jaguar 75 - 150

Edition 03 / 2006

IceBreaker Piston pumps

Volume 40 ccm–150 ccm



B_00365



II 2G IIB T3

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1 ABOUT THESE INSTRUCTIONS

This operating manual contains information about the operation, repair and maintenance of the unit.

→ Always follow these instructions when operating the unit.

1.1 LANGUAGES

This operating manual is available in the following languages:

Language:	Part No.	Language:	Part No.
German	0367850	English	0367851
French	0367852	Dutch	0367853
Italian	0367854	Spanish	0367855
Danish	0367857	Swedish	0367856
Portuguese	--	Turkish	0367858

The corresponding service instructions are available under the following order number:

Language:	Order No.
German	0367860
English	0367860

1.2 WARNINGS, NOTES AND SYMBOLS IN THESE INSTRUCTIONS

Warning instructions in this manual point out particular dangers to users and equipment and state measures for avoiding the hazard. These warning instructions fall into the following categories:

Danger - imminent danger. Non-observance will result in death, serious injury and serious material damage

 SIHI_0100_GB	 DANGER
	This line warns of the hazard ! Possible consequences of failing to observe the warning instructions. The signal word points out the hazard level. → The measures for preventing the hazard and its consequences.

Warning - possible danger. Non-observance can result in death, serious injury and serious material damage.

 SIHI_0103_GB	 WARNING
	This line warns of the hazard ! Possible consequences of failing to observe the warning instructions. The signal word points out the hazard level. → The measures for preventing the hazard and its consequences.

Caution - a possibly hazardous situation. Non-observance can result in minor injury.

 SIHI_0101_GB	 CAUTION
	This line warns of the hazard ! Possible consequences of failing to observe the warning instructions. The signal word points out the hazard level. → The measures for preventing the hazard and its consequences.

Caution - a possibly hazardous situation. Non-observance can cause material damage.

SIHI_0102_GB	CAUTION
This line warns of the hazard ! Possible consequences of failing to observe the warning instructions. The signal word points out the hazard level. → The measures for preventing the hazard and its consequences.	

Note - provide information on particular characteristics and how to proceed.

2 GENERAL SAFETY INSTRUCTIONS

2.1 SAFETY INSTRUCTIONS FOR THE OPERATOR

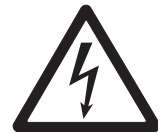
- Keep these operating instructions to hand near the unit at all times.
- Always follow local regulations concerning occupational safety and accident prevention.



2.1.1 ELECTRICAL EQUIPMENT

Electrical plant and unit

- To be provided in accordance with the local safety requirements with regard to the operating mode and ambient influences.
- May only be maintained by skilled electricians or under their supervision.
- Must be operated in accordance with the safety regulations and electrotechnical regulations.
- Must be repaired immediately in the event of problems.
- Must be put out of operation if they pose a hazard.
- Must be de-energized before work is commenced on active parts. Inform staff about planned work, observe electrical safety regulations.

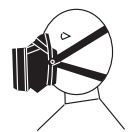


2.1.2 PERSONNEL QUALIFICATIONS

- Ensure that the unit is operated and repaired only by trained persons.

2.1.3 A SAFE WORK ENVIRONMENT

- Ensure that the floor of the working area is anti-static in accordance with EN 50053 Part 1, §7-2, measurement in accordance with DIN 51953.
- Ensure that all persons within the working area wear anti-static shoes, e.g. shoes with leather soles.
- Ensure that during spraying, persons wear anti-static gloves so that they are earthed via the handle of the spray gun.
- Customer to provide paint mist extraction systems conforming to local regulations.
- Ensure that the following components of a safe working environment are available:
 - Material/air hoses adapted to the working pressure
 - Personal safety equipment (breathing and skin protection)
- Ensure that there are no ignition sources such as naked flame, glowing wires or hot surfaces in the vicinity. Do not smoke.



2.2 SAFETY INSTRUCTIONS FOR STAFF

- Always follow the information in these instructions, particularly the general safety instructions and the warning instructions.
- Always follow local regulations concerning occupational safety and accident prevention.



2.2.1 SAFE HANDLING OF WAGNER SPRAY UNITS

The spray jet is under pressure and can cause dangerous injuries.

Avoid injection of paint or cleaning agents:

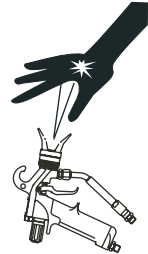
- Never point the spray gun at people.
- Never reach into the spray jet.
- Before all work on the unit, in the event of work interruptions and functional faults:
 - Switch off the energy/compressed air supply
 - Secure the spray gun against actuation.
 - Relieve the pressure from the spray gun and unit.
 - By functional faults: Identify and correct the problem, proceed as described in chap. „Trouble shooting“.

In the event of skin injuries caused by paint or cleaning agents:

- Note down the paint or cleaning agent that you have been using.
- Consult a doctor immediately.

Avoid danger of injury through recoil forces:

- Ensure that you have a firm footing when operating the spray gun.
- Only hold the spray gun briefly in any one position.

**2.2.2 EARTH THE UNIT**

Electrostatic charges can occur on the unit due to the electrostatic charge and the flow speed involved in spraying. These can cause sparks and flames upon discharge.

- Ensure that the unit is earthed for every spraying operation.
- Earth the workpieces to be coated.
- Ensure that all persons inside the working area are earthed, e.g. that they are wearing antistatic shoes.
- When spraying, wear antistatic gloves to earth yourself via the spray gun handle.

**2.2.3 PAINT HOSES**

- Ensure that the hose material is chemically resistant to the sprayed materials.
- Ensure that the material hose is suitable for the pressure generated in the unit.
- Ensure that the following information is visible on the high-pressure hose:
 - Manufacturer
 - Permissible operating overpressure
 - Date of manufacture.
- The electrical resistance of the complete high-pressure hose must be less than 1 MOhm.



2.2.4 CLEANING

- De-energize the unit electrically.
- Disconnect the pneumatic supply line.
- Relieve the pressure from the unit.
- Ensure that the flash point of the cleaning agent is at least 5 K above the ambient temperature.
- To clean, use only solvent-free cloths and brushes. Never use hard objects or spray on cleaning agents with a gun.

An explosive gas/air mixture forms in closed containers.

- When cleaning units with solvents, never spray into a closed container.
- Earth the container.



2.2.5 HANDLING HAZARDOUS LIQUIDS, VARNISHES AND PAINTS

- When preparing or working with paint and when cleaning the unit, follow the working instructions of the manufacturer of the paints, solvents and cleaning agents being used.
- Take the specified protective measures, in particular wear safety goggles, protective clothing and gloves, as well as hand protection cream if necessary.
- Use a mask or breathing apparatus if necessary.
- For sufficient health and environmental safety: Operate the unit in a spray booth or on a spraying wall with the ventilation (extraction) switched on.
- Wear suitable protective clothing when working with hot materials.



2.2.6 TOUCHING HOT SURFACES

- Touch hot surfaces only if you are wearing protective gloves.
- When operating the unit with a coating material with a temperature of >43°C; 109.4°F:
 - Identify the unit with a warning label that says „Warning - hot surface“.



Order No.

9998910 Information label

9998911 Safety label

2.3 CORRECT USE

WAGNER accepts no liability for any damage arising from incorrect use.

- Use the unit only to work with the materials recommended by WAGNER.
- Operate the unit only as an entire unit.
- Do not deactivate safety equipment.
- Use only WAGNER original spare parts and accessories.



2.4 USE IN AN EXPLOSION HAZARD AREA

2.4.1 CORRECT USE

The unit is suitable for working liquid materials in accordance with the classification into explosion classes.

2.4.2 EXPLOSION PROTECTION IDENTIFICATION

As defined in the Directive 94/9/CE (ATEX 95), the unit is suitable for use in areas where there is an explosion hazard.



- CE: Communautés Européennes
Ex: Symbol for explosion protection
II: Unit class II
2: Category 2 (Zone 1)
G: Ex-atmosphere gas
IIB: Explosion class
T3: Temperature class: maximum surface temperature < 200°C; 392°F.



2.4.3 MAXIMUM SURFACE TEMPERATURE

- Max. surface temperature: same as the permissible material temperature
Permissible ambient temperature: see under Technical data, Section 4.3.3

2.4.4 SAFETY INSTRUCTIONS

Safe handling of WAGNER spray units

The maximum surface temperature of the piston pump can be reached if it runs dry.

- Ensure that the piston pump is filled with sufficient working or cleaning medium.
- Ensure that the separating agent container is filled with sufficient separating agent.

Mechanical sparks can form if the unit comes into contact with metal.

In an explosive atmosphere:

- Do not knock or push the unit against steel or rusty iron.
- Do not drop the unit.
- Use only tools that are made of a permitted material.

Ignition temperature of the coating material

- Ensure that the ignition temperature of the coating material is above the maximum surface temperature.

Medium supporting atomizing

- To atomize the material, use only weakly oxidizing gases, e.g. air.

Surface spraying, electrostatic

→ Do not spray unit parts with electrostatic (e.g. electrostatic spray gun).

**Cleaning**

If there are deposits on the surfaces, the unit may form electrostatic charges. Flames or sparks can form if there is a discharge.

- Remove deposits from the surfaces to maintain conductivity.
- Use only a damp cloth to clean the unit.



3 PRODUCT LIABILITY AND WARRANTY

3.1 IMPORTANT NOTES ON PRODUCT LIABILITY

As a result of an EC regulation, effective as from January 1, 1990, the manufacturer shall only be liable for his product if all parts come from him or are approved by him, and if the devices are properly fitted, operated and maintained.

If other makes of accessory and spare parts are used, the manufacturer's liability could be fully or partially null and void.

The usage of original WAGNER accessories and spare parts guarantees that all safety regulations are observed.

3.2 WARRANTY

This unit is covered by our warranty on the following terms:

We will at our discretion repair or replace free of charge all parts which within 36 months in single-shift, 18 months in 2-shift or 9 months in 3-shift operation from date of receipt by the Purchaser are found to be wholly or substantially unusable due to causes prior to the sale, in particular faulty design, defective materials or poor workmanship.

The terms of the warranty are met at our discretion by the repair or replacement of the unit or parts thereof. The resulting costs, in particular shipping charges, road tolls, labour and material costs will be borne by us except where these costs are increased due to the subsequent shipment of the unit to a location other than the address of the purchaser.

This warranty does not cover damage caused by:

Unsuitable or improper use, faulty installation or commissioning by the purchaser or a third party, normal wear, negligent handling, defective maintenance, unsuitable coating products, substitute materials and the action of chemical, electrochemical or electrical agents, except when the damage is attributable to us.

Abrasive coating products such as redlead, emulsions, glazes, liquid abrasives, zinc dust paints and similar reduce the service life of valves, packings, spray guns, nozzles, cylinders, pistons etc. Any wear resulting from the aforementioned causes is not covered by this warranty.

Components not manufactured by Wagner are subject to the warranty terms of the original maker.

The replacement of a part does not extend the warranty period of the unit.

The unit should be inspected immediately upon receipt.

To avoid loss warranty, any apparent defect should be notified to us or the dealer in writing within 14 days from date of sale of the unit.

The right to commission warranty services to a third party is reserved.

Warranty claims are subject to proof of purchase by submitting an invoice or delivery note. If an inspection finds damage not covered by the present warranty, the repair will be carried out at the expense of the purchaser.

Note that this warranty does not in any way restrict legally entitled claims or those contractually agreed to in our general terms and conditions.

J. Wagner AG

3.3 CE-CONFORMITY

Short explanation

CE = Communauté Européenne

Products identified with the CE mark have been manufactured and checked according to EU guidelines. This means that, in terms of materials used, manufacturing process and operation, they are in accordance with the EU safety and health requirements and therefore the EU regulations and standards. The regulations and standards applying to a particular product can be found in the CE Certificate of Conformity. This is enclosed with the product or can be requested from the manufacturer.

The CE identification has been compulsory in Europe since 1st January 1995, and only products bearing CE identification may be released into circulation.

EC Certificate of Conformity

The certificate is enclosed with this product. The certificate of conformity can be reordered from your WAGNER representative, quoting the product and serial number.

Part number:

PP3000	0366931
PP3000 (USA)	0366930

3.4 GERMAN REGULATIONS AND GUIDELINES

- a) BGV D15 Working with liquid ejection devices
- b) BGV D25 Using coating materials
- c) CHV 9 Regulations on flammable liquids
- d) BGR 104 Explosion protection rules
- e) BGR 132 Avoiding ignition risks
- f) BGR 180 Setting up for cleaning workpieces with solvents.
- g) ZH 1/406 Guidelines for liquid ejection devices
- h) BGI 740 Painting rooms and equipment

Note: All titles can be ordered from Heymanns Publishing House in Cologne.

4 DESCRIPTION

4.1 FIELDS OF APPLICATION

4.1.1 USING IN ACCORDANCE WITH THE INSTRUCTIONS

The pneumatic piston pump is suitable for process liquid materials according chapter 4.1.2.

4.1.2 PROCESSABLE MATERIALS

Application	WILDCAT 18-40	PUMA 28-40	PUMA 15-70 15-150	LEOPARD 35-70	LEOPARD 35-150	JAGUAR 75-150
Water based laquers and paints	↗	↗	↗	↗	↗	↗
Solvent based laquers and paints	↗	↗	↗	↗	↗	↗
Primers	⇒	⇒	⇒	↗	↗	↗
Epoxy and polyurethane paints and laquers	⇒	↗	⇒	↗	↗	↗
Synthetic materials	↘	⇒	↘	↗	↗	↗
Wax based underseal	↘	↘	↘	↗	↗	↗

Legend: recommended ↗ imited suitability ⇒ less suitable ↘

CAUTION

Abrasive materials and pigments!

Greater wear of the parts carrying the material.

→ Use suitable combinations of devices (packages, valves etc.).

SIHI_0067_GB

4.1.3 TYPICAL APPLICATIONS

Application	WILDCAT 18-40	PUMA 28-40	PUMA 15-70 15-150	LEOPARD 35-70	LEOPARD 35-150	JAGUAR 75-150
Furniture industry	↗	↗	↗	↗	↗	↘
Kitchen manufacturers	↗	↗	↗	↗	↗	↘
Joinery	↗	↗	↗	⇒	↘	↘
Window factories	⇒	⇒	↗	↗	↗	↘
Steel fabrication	↘	⇒	↘	↗	↗	↗
Construction of vehicles	↗	↗	↗	↗	⇒	⇒
Offshore	↘	↘	↘	⇒	⇒	↗

Legend

recommended ↗ imited suitability ⇒ less suitable ↘

4.2 EXTENT OF DELIVERY

Pneumatic piston pump
consisting of:

- Material pump
- Air motor
- Connection elements
- Air regulator for air motor

Separating fluid 250 ccm

Part-No.: 9992504

CE-conformity see

Chapter 3

Operating manual German

Part-No.: 0367850

Operating manual for the other language see

Chapter 1

The delivery note shows the exact scope of delivery.

Accessories and spraypacks: see chapter 7.

4.3 DATA

4.3.1 MATERIALS OF THE PARTS TRANSPORTING PAINT

Housing	Stainless steel
Piston	Stainless steel and hard chrome
Valve balls	Stainless steel
Valves seats	Hard metal
O-rings	Teflon
V-packings	Standard PE/ TG

PE = Polyethylen UHMW

TG = Teflon (PTFE) with graphite

4.3.2 RECOMMENDED V-PACKINGS

Wagner V-packings are manufactured in four different materials:

Code	Material	Color
L	Leather	dark brown
TG	Teflon with graphite	black
PE	Polyethylen UHMW	transparent
T	Teflon	white

Each material has the following properties, which influence the packings:

	L	TG	PE	T
Mechanical stability	poor	good	good	poor
Coefficient of friction	poor	very good	good	very good
Sealing capacity	good*	good	good	good
Chemical resistance or reactivity	poor	good	very good	sehr gut
Temperature stability	good	poor - good	very good	very good

* for abrasive materials

Standard combinations

Standard pneumatic pumps	PE/TG
Heavy duty (HD) pumps	PE/L
Hardener pump in 2C-Systems	PE/T

4.3.3 TECHNICAL DATA

Description	units	WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Transmission ratio		18 :1	28 :1	15 :1	35 :1	15 :1	35 :1	75:1
Flow volume per double stroke (DS)	cm ³ cc	40	40	70	70	150	150	150
Max. operating pressure	MPa bar psi	14.4 144 2089	22.4 224 3249	12 120 1740	25 250 3626	12 120 1740	27 270 3916	53 530 7687
Max. possible strokes in operation	DH/min DS/min	60	60	60	60	60	60	60
Min. - Max. air inlet pressure	MPa bar psi	0.25-0.8 2.5-8 36-116	0.25-0.8 2.5-8 36-116	0.25-0.8 2.5-8 36-116	0.25-0.71 2.5-7.1 36-103	0.25-0.8 2.5-8 36-116	0.25-0.77 2.5-7.7 36-112	0.25-0.71 2.5-7.1 36-103
Ø air inlet connection (female)	Zoll Inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1"
Min. Ø compressed air hose	mm Inch	9 0.354	9 0.354	9 0.354	13 0.512	9 0.354	13 0.512	25 0.984
Air consumption (at 0.6 MPa; 6 bar; 87 psi) per DS	nl scf	5.3 0.19	8.3 0.29	8.3 0.29	18.6 0.66	16.5 0.58	37.3 1.32	79.9 2.82

Technical data

Description	units	WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Sound pressure level at max. permissible air pressure*.	dB(A)	77	78	77	77	78	80	83
Sound pressure level at 0.6 MPa; 6 bar; 87 psi air pressure*	dB(A)	74	74	74	74	74	78	81
Sound pressure level at 0.4 MPa; 4 bar; 58.01 psi air pressure*	dB(A)	69	69	69	71	69	74	74
Ø piston of air motor	mm Inch	80 3.2	100 4	100 4	150 6	100 4	150 6	220 8.7
Ø material inlet connection (male)	Zoll Inch	G 3/4"	G 3/4"	G 1"	G 1"	G 1"	G 1"	G 1"
Ø material outlet connection (female)	Zoll Inch	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"
Weight	kg lb	15 33	16 35	18 40	26 57	28 62	36 79	53 117
pH range of the material	pH	3.5 ÷ 9						
Max. material pressure at pump inlet	MPa bar psi	2 20 290						
Materialtemperatur	°C; F	+5° ÷ +80°; +41 ÷ +176						
Range of material temperature	°C; F	+5° ÷ +60°; +41 ÷ +140						
Allowable sloping position at work	↘ °	± 10						

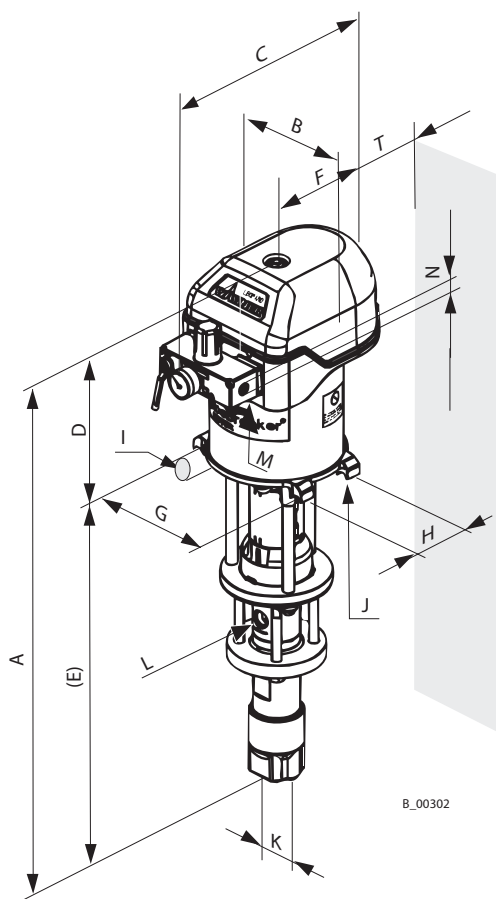
* A rated sound pressure level measured at 1m distance according to DIN EN ISO 3746-1995.

Reference measurements have been made by SUVA (Swiss accident insurance institute).

	 WARNING
	Outgoing air containing oil! Risk of poisoning if inhaled. Function problem airmotor → Provide water-free and oil-free compressed air (quality standard 5.5.4 as per ISO 8573.1) 5.5.4 = 40 µm / +7 / 5 mg/m³.

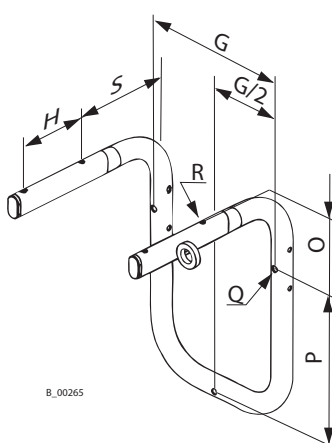
4.3.4 DIMENSIONS AND CONNECTIONS

	WILDCAT 18-40 mm; inch	PUMA 28-40 mm; inch	PUMA 15-70 mm; inch	LEOPARD 35-70 mm; inch	PUMA 15-150 mm; inch	LEOPARD 35-150 mm; inch	JAGUAR 75-150 mm; inch
A	708; 27.9	708; 27.9	764; 30.1	795; 31.1	1040; 40.9	1080; 42.5	1200; 47.2
B	169; 6.7	169; 6.7	169; 6.7	240; 9.4	169; 6.7	240; 9.4	304; 12
C	~ 313; 12.3	~ 313; 12.3	~ 313; 12.3	~ 430; 16.9	~ 313; 12.3	~ 430; 16.9	~ 595; 23.4
D	260; 10.2	260; 10.2	260; 10.2	305; 12	335; 13.2	380; 15	516; 20.3
E	434; 17.1	434; 17.1	490; 19.3	490; 19.3	705; 27.6	705; 27.6	684; 26.9
F	134; 5.3	134; 5.3	134; 5.3	192; 7.6	134; 5.3	192; 7.6	244; 9.6
G	182; 7.2	182; 7.2	182; 7.2	230; 9.1	182; 7.2	230; 9.1	230; 9.1
H	80	80	80	110	80	110	110
I	ø25; ø1	ø25; ø1	ø25; ø1	20x35; 0.8x1.4	ø25; ø1	20x35; 0.8x1.4	20x48; 0.8x1.9
J	M6	M6	M6	M6	M6	M6	M8
K	G 3/4"	G 3/4"	G 1"	G 1"	G 1"	G 1"	G 1"
L	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"
M	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1"
N	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	-
O	107; 4.2	107; 4.2	107; 4.2	129; 5.1	107; 4.2	129; 5.1	135; 5.3
P	175; 6.9	175; 6.9	175; 6.9	238; 9.4	175; 6.9	238; 9.4	238; 9.4
Q	ø9; ø0.35	ø9; ø0.35	ø9; ø0.35	ø9; ø0.35	ø9; ø0.35	ø9; ø0.35	ø9; ø0.35
R	ø7; ø0.28	ø7; ø0.28	ø7; ø0.28	ø7; ø0.28	ø7; ø0.28	ø7; ø0.28	ø9; ø0.35
S	149; 5.9	149; 5.9	149; 5.9	167; 6.6	149; 5.9	167; 6.6	271; 10.7
T	55; 2.2	55; 2.2	55; 2.2	30; 1.2	55; 2.2	30; 1.2	82; 3.2



B_00302

Wall mount



B_00265

4.3.5 FLOW VOLUME

Wagner nozzle AL			Volume flow in l/min; cc/min *		
ø inch	ø mm	Spray angle	at 7 MPa 70 bar 1015 psi	at 10 MPa 100 bar 1450 psi	at 15 MPa 150 bar 2175 psi
0.007	0.18	40°	0.1650	0.2000	0.2400
0.009	0.23	20-30-40-50-60°	0.2060	0.2500	0.3090
0.011	0.28	10-20-30-40-50-60°	0.2950	0.3450	0.4260
0.013	0.33	10-20-30-40-50-60-80°	0.4530	0.5280	0.6600
0.015	0.38	10-20-30-40-50-60-80°	0.5770	0.6720	0.8130
0.017	0.43	20-30-40-50-60-70°	0.7310	0.7860	1.0640
0.019	0.48	20-30-40-50-60-70-80°	0.9260	1.0920	1.3700
0.021	0.53	20-40-50-60-80°	1.1430	1.3600	1.6900
0.023	0.58	20-40-50-60-70-80°	1.3700	1.5900	2.0100
0.025	0.64	20-40-50-60-80°	1.6200	1.9100	2.4000
0.027	0.69	20-40-50-60-80°	1.8300	2.1300	2.6800
0.029	0.75	60°	2.1900	2.5100	3.1700
0.031	0.79	20-40-50-60°	2.4000	2.7700	3.4900
0.035	0.90	20-40-50-60°	3.2200	3.7400	4.6900
0.043	1.10	20-50°	5.0700	6.0400	7.4600
0.052	1.30	50°	5.1200	6.5000	7.5200

Wildcat 18 - 40
Puma 28 - 40Puma 15 - 70
Leopard 35 - 70Leopard 35 - 150
Puma 15 - 150
Jaguar 75 - 150

* Flow volume refers to water.

Maximum ranges for continuous operation at 50 DS/min.**4.3.6 PERFORMANCE DIAGRAMS**

Example

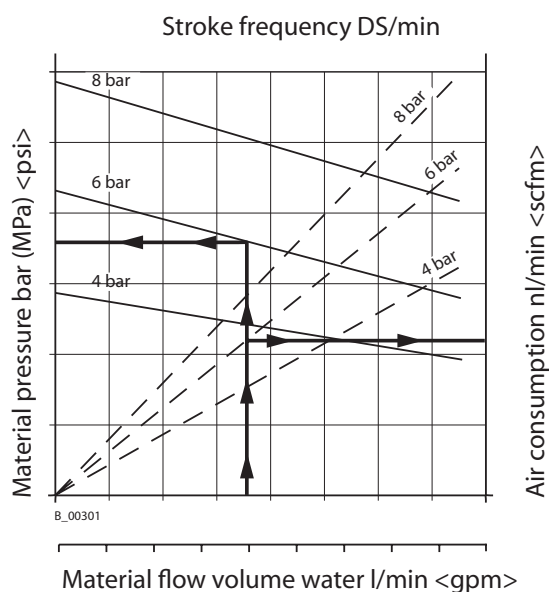
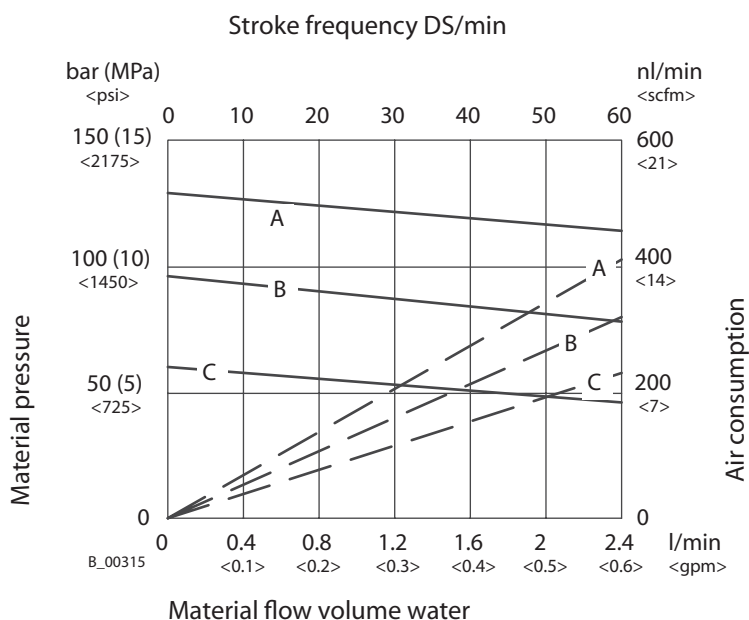
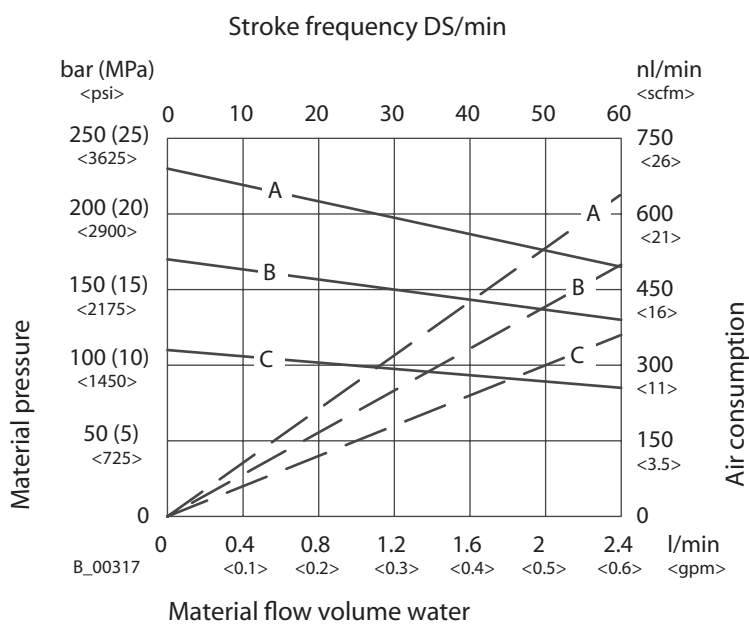
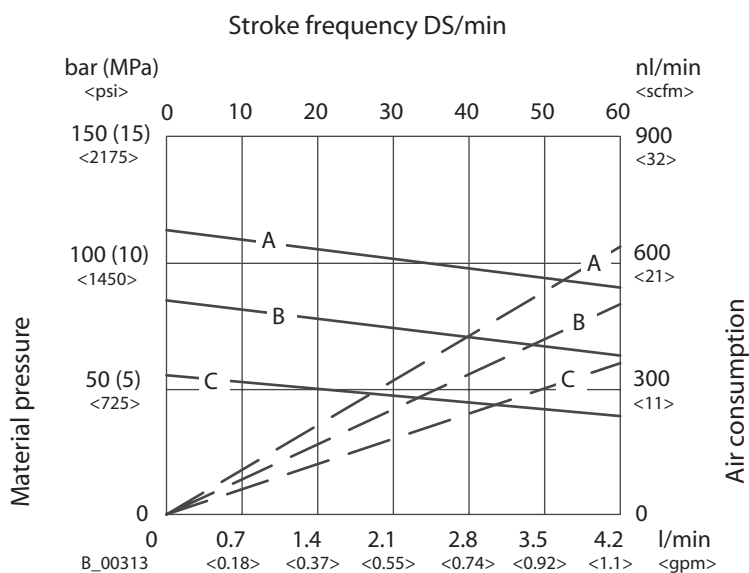


Diagram WILDCAT 18-40

A = 8 bar; 0.8 MPa; 116 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

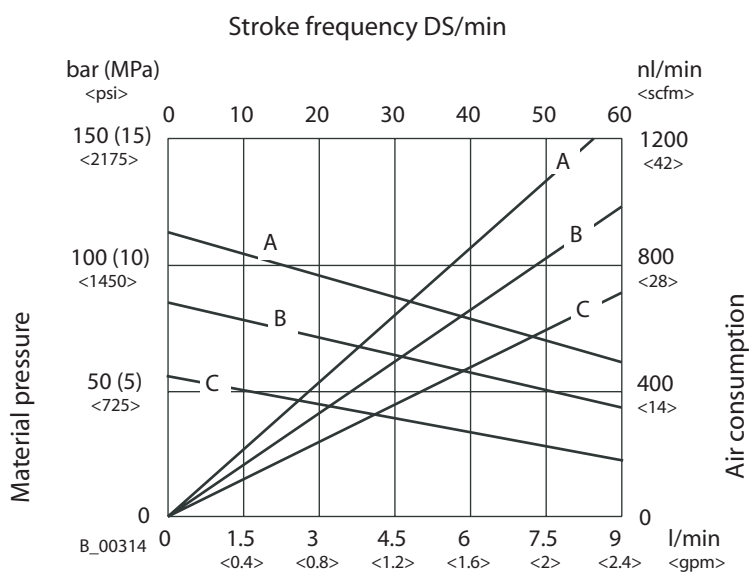
Diagram PUMA 28-40

A = 8 bar; 0.8 MPa; 116 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

Diagram PUMA 15-70

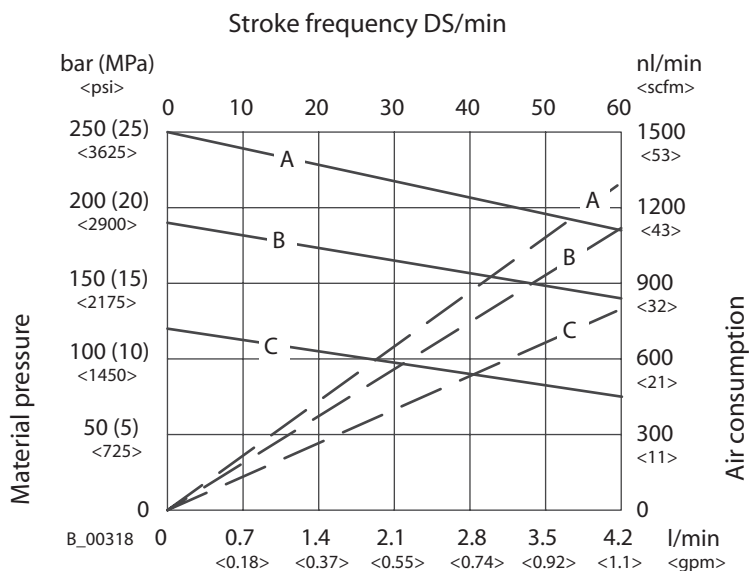
Material flow volume water

A = 8 bar; 0.8 MPa; 116 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

Diagram PUMA 15-150

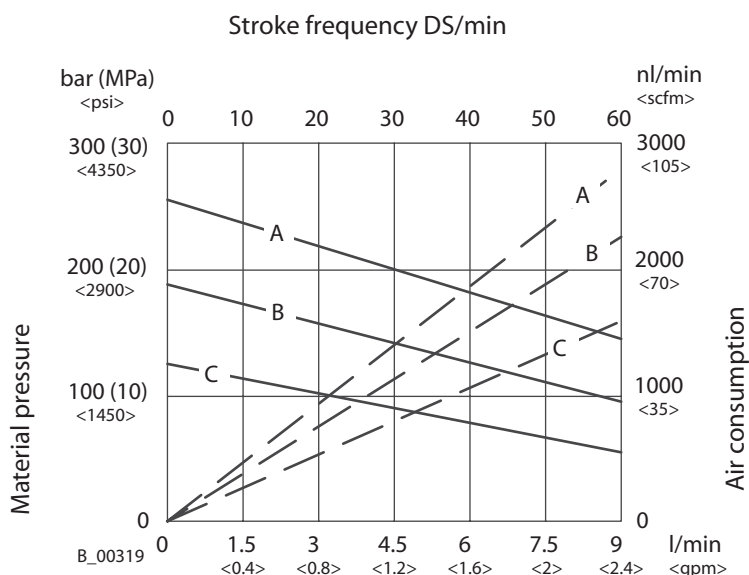
Material flow volume water

A = 8 bar; 0.8 MPa; 116 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

Diagram LEOPARD 35 - 70

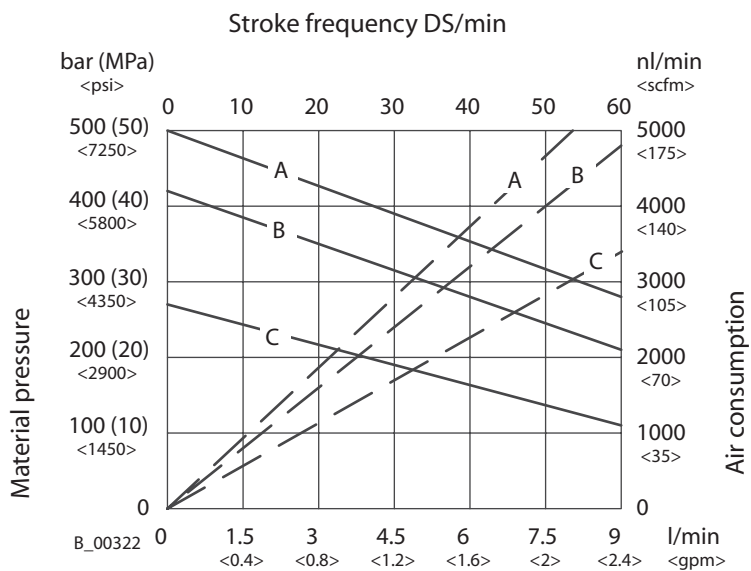
Material flow volume water

A = 7.1 bar; 0.71 MPa; 103 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

Diagram LEOPARD 35 - 150

Material flow volume water

A = 7.7 bar; 0.77 MPa; 112 psi Air pressure
 B = 6 bar; 0.6 MPa; 87 psi Air pressure
 C = 4 bar; 0.4 MPa; 58 psi Air pressure

Diagram JAGUAR 75 - 150

Material flow volume water

A = 7.1 bar; 0.71 MPa; 103 psi Air pressure

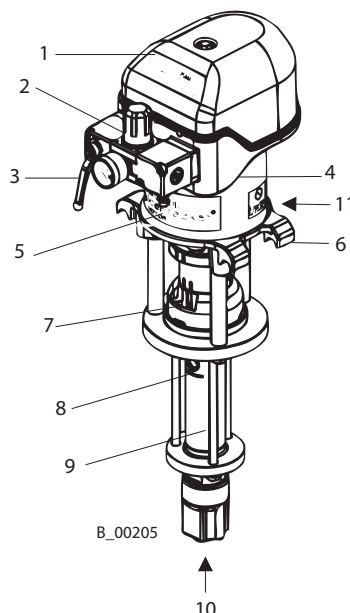
B = 6 bar; 0.6 MPa; 87 psi Air pressure

C = 4 bar; 0.4 MPa; 58 psi Air pressure

4.4 FUNCTION

4.4.1 PUMP

- 1 Control housing with integrated silencer
- 2 Air regulator
- 3 Ball valve
- 4 Air motor
- 5 Compressed air connection
- 6 Mounting flange
- 7 Separating fluid cup
- 8 Material outlet
- 9 Material pump
- 10 Material inlet
- 11 Earthing connection



General informations

The piston pump is driven with compressed air. This compressed air moves up and down the air piston in the air motor (4) and thus also the pump piston in the material pump (9). At the end of each stroke the compressed air is redirected by a changeover valve and the control piston.

Working materials are sucked in on the upward stroke and simultaneously conveyed to the gun in both strokes.

Air motor (4)

The air motor with its pneumatic reverse (1) does not require pneumatic oil. The compressed air is fed to the motor over the air regulator (2) and the ball valve (3).

The air motor is fitted with a safety valve. The safety valve has been set and sealed at the factory. With pressures over and above the permissible operating pressure the valve, which is held with a spring, automatically opens and releases the excess pressure.

	! WARNING Overpressure! Risk of injury from bursting components. → Never change the safety valve setting.
--	--

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Material pump (9)

The material pump has been designed as a piston pump with exchangeable ball valves. The hard chrome-plated pump piston runs in two fixed packings which are self-adjusting by means of a pressure spring, thus resulting in a long life-span.

Between the air motor and material pump there is a separating fluid cup (7) for holding the separating fluid.

4.4.2 PRESSURE REGULATOR

- 1 Pressure regulator
- 2 Ball valve
- 3 Pressure gauge
- 4 Compressed air connection
- 5 Filter pressure regulator Aircoat (Option)

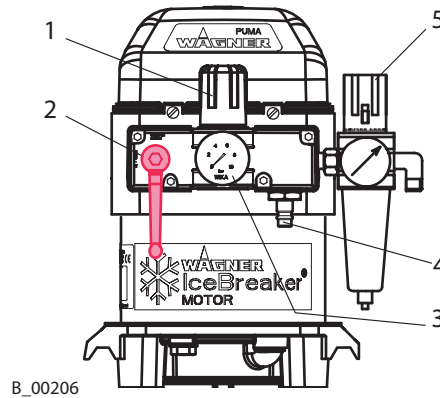
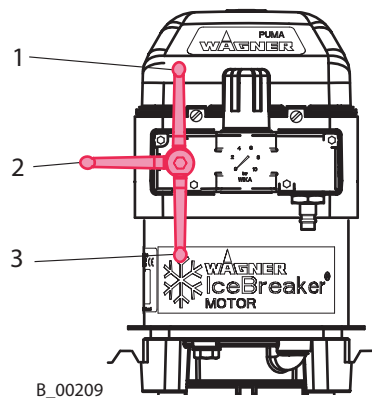


Figure: Pump 28-40

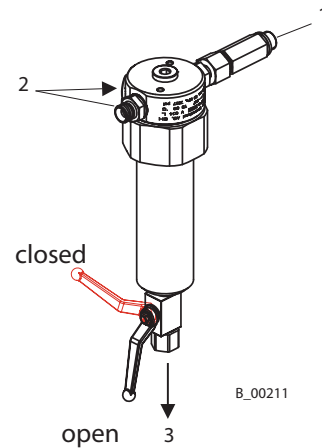
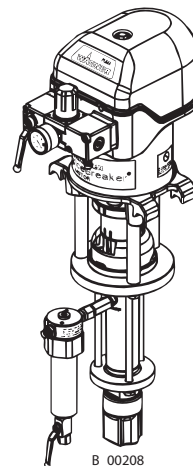
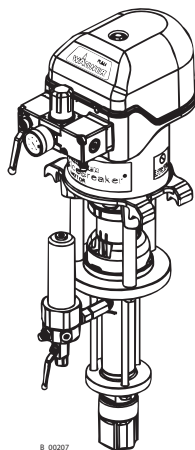
**Positions ball valve**

- 1 Closed: Operating pressure in the air motor will be vented. (Control pressure is available)
- 2 Closed: The air motor can still be under pressure.
- 3 Open: Work position

4.4.3 HIGH-PRESSURE FILTER (OPTION)**4.4.3.1 STANDARD HIGH-PRESSURE FILTER (OPTION)**

To ensure problem-free operation it is recommended that a WAGNER high-pressure filter is used. These have been developed especially for the respective pneumatic pumps. The filter inserts can be exchanged depending on the material to be used. You will find the respective high pressure filters and their inserts for the device in the accessory list.

- 1 Connection Material pump
- 2 Two material outlets
- 3 Return

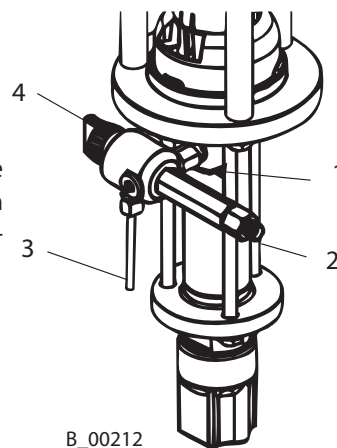
**Installation variants****4.4.3.2 FILTER-RELIEF COMBINATION (OPTION)**

Instead of the standard filter the advantageously filter-relief combination can be used if only a small volume of material will be delivered.

Use: in pumps up to 28-40.

The filter inserts can be exchanged depending on the material to be used. You will find the respective high pressure filters and their inserts for the device in the accessory list.

- 1 Connection material pump
- 2 Material outlet
- 3 Return
- 4 Relief valve



5 STARTING UP AND OPERATING

5.1 SET-UP AND HANDLING

5.1.1 SET-UP THE PUMP

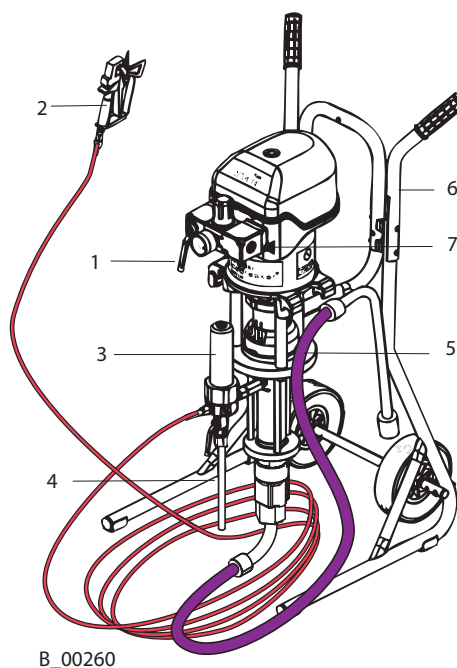
Note

This pump can be used as part of a spraying system for Airless or AirCoat applications. The components can be found in the accessories list, provided that the system was not obtained as a spraypack.

The nozzles must be selected according to the gun instructions.

Procedure:

1. Pump on stand (6), assemble carriage or mounting for wall.
2. For AirCoat systems: fit the additional filter pressure regulator (7) (optional)
3. Attach high-pressure filter (3) (optional).
4. Fit suction system (5).
5. Attach return hose (4) (optional).
6. Connect high-pressure hose and gun (2) as laid down in operating instructions.



	! WARNING
	Inclined surface! Risk of accidents if the unit rolls away/falls. → Position the carriage with the piston pump horizontally. → If the surface is inclined, position the feet of the carriage towards the gradient. → Secure the carriage.

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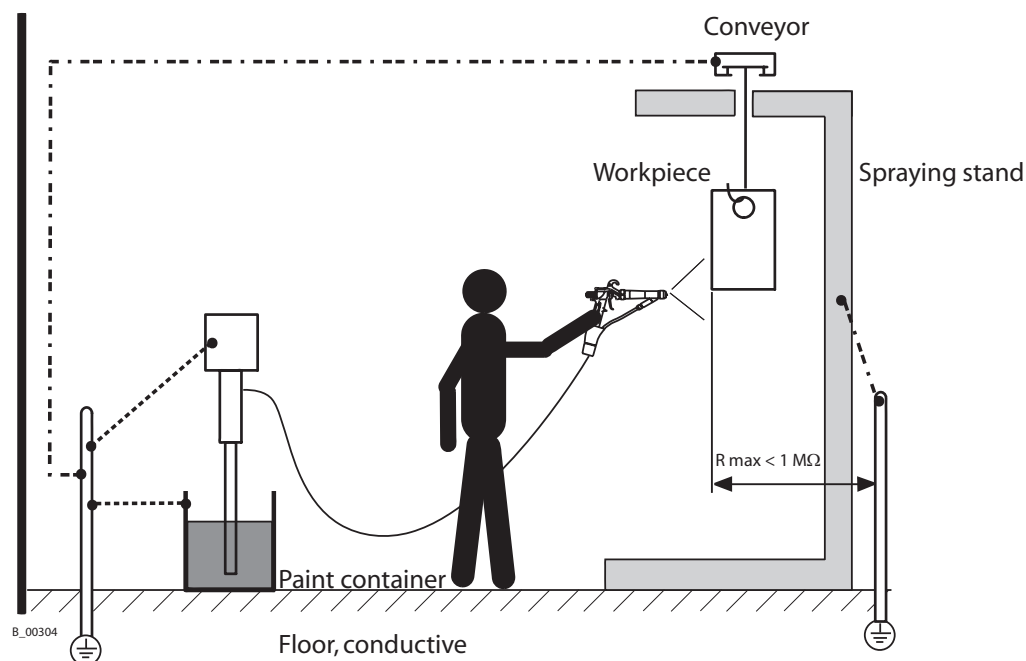
5.1.2 EARTHING

	 WARNING
	Discharge of electrostatically charged components in atmospheres containing solvents! Explosion hazard from electrostatic sparks. → Clean the piston pump only with a damp cloth.

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	 WARNING
	Heavy paint mist if earthing is insufficient! Risk of poisoning. Insufficient paint application quality. → Earth all unit components. → Earth the workpieces being painted.

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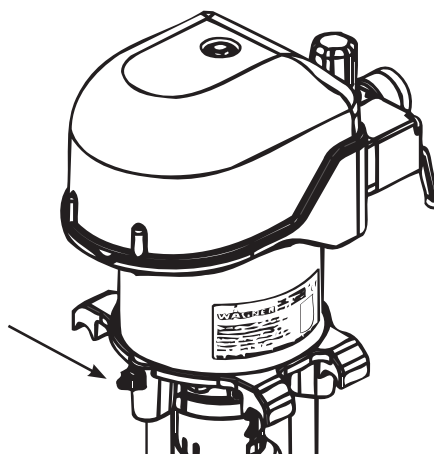
Earthing schema (example)

Cable cross sections

Pump	4 mm ² ; AWG 11
Paint container	6 mm ² ; AWG 10
Conveyor	16 mm ² ; AWG 5
Spray booth	16 mm ² ; AWG 5
Spraying stand	16 mm ² ; AWG 5

Procedure:

1. Screw on earthing cable with eye.
2. Clamp the earthing cable clip to a earth connection on site.
3. Earth the material (paint) container to a local earth connection.
4. Earth the other parts of the system to a local earth connection.



B_00204

5.2 START UP**5.2.1 SAFETY INSTRUCTIONS**

Every time before starting up the following points should be observed as laid down in the operating instructions:

- That it is possible to observe the safety regulations in Chap. 2.
- The starting up procedure, has been carried out properly.

	⚠ WARNING High-pressure spray jet! Danger to life from injecting paint or solvent. → Never reach into the spray jet. → Never point the spray gun at people. → Consult a doctor immediately in the event of skin injuries caused by paint or solvent. Inform the doctor about the paint or solvent used. → Never seal defective high-pressure parts, instead relieve the pressure from them and replace.
---	--

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	⚠ WARNING Toxic and/or flammable vapor mixtures! Risk of poisoning and burns. → Operate the unit in a spraying booth approved for the working materials. -or- → Operate the unit on an appropriate spraying wall with the ventilation (extraction) switched on. → Observe national and local regulations for the outgoing air speed.
---	---

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	⚠ WARNING Gas mixtures can explode if there is an incompletely filled pump! Danger to life from flying parts. → Ensure that the piston pump and suction system are always completely filled with cleaning agent or working medium. → Do not spray the unit empty after cleaning.
---	---

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Before every start-up, the following points should be observed as laid down in the operating manual:

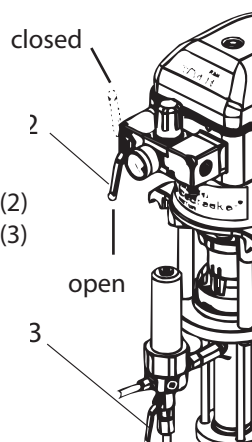
- Secure gun with safety catch
- Check the permissible pressures
- Check all connections for leaks
- Check hose for damage

It should be ensured that the unit is in the following state before carrying out any work on it:

- The pressure should be released from the pump and high-pressure hose with gun.
- The gun should be secured with safety catch.
- The air supply should be interrupted.

Emergency stop

In the case of unforeseen occurrences the ball valve (2) should be closed immediately and the return valve (3) opened.



5.2.2 FILLING SEPARATING FLUID

B_00262

CAUTION

Piston pump dry run!

High wear/damage to the packages.
Paint or solvent can escape if the seals are dry.

- Ensure that the separating agent container is filled with sufficient separating agent.
Filling level 1 cm; 25.4 in under the pot edge.

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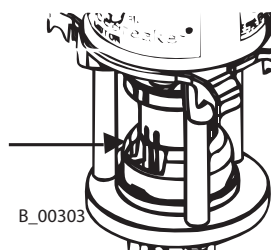
Place the supplied separating fluid into the separating fluid cup.

Filling level: 1 cm; 25.4 in under the pot edge.

Separating fluid: Part-No. 9992504

Note

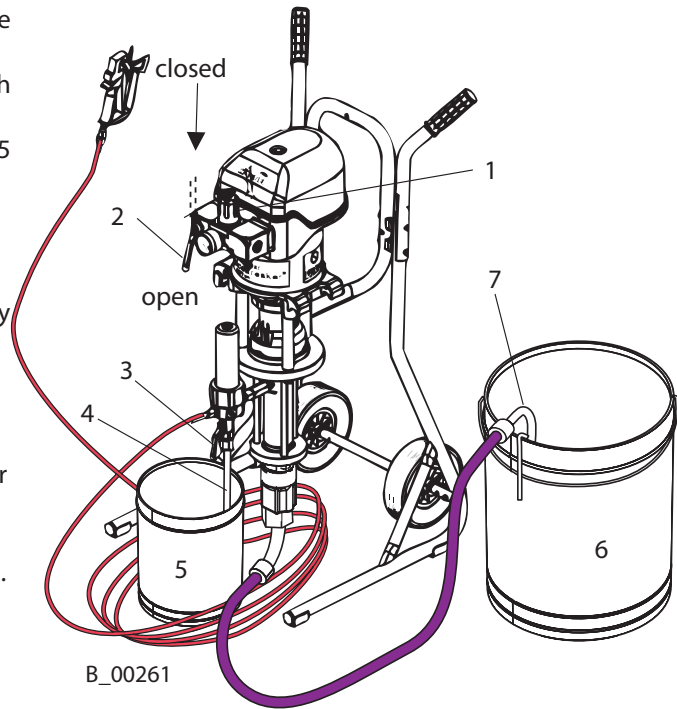
When preparation has taken place the max. allowed leaning angle of the pumpe is $\pm 30^\circ$ for moving, transport, etc.



B_00303

5.2.3 BASIC CLEANING

1. Place empty container (5) under return tube (4).
2. Place suction hose (7) in a container with solvent (6).
3. Set pressure regulator (1) to approx. 0.05 MPa; 0.5 bar; 7.25 psi.
4. Open return valve (3).
5. Slowly open ball valve (2).
6. Adjust the air pressure on the pressure regulator (1) so that the pump runs regularly.
7. Rinse the system until clean solvent flows into the container (5).
8. Close ball valve (2).
9. Close return valve (3).
10. Point the gun, without nozzle, into container (5) and open it.
11. Slowly open ball valve (2).
12. Rinse until clean solvent flows from the gun.
13. Close ball valve (2).
14. When there is no pressure remaining in the system close gun.
15. Secure gun.
16. Dispose of the contents of the container (5) according to the local regulations.

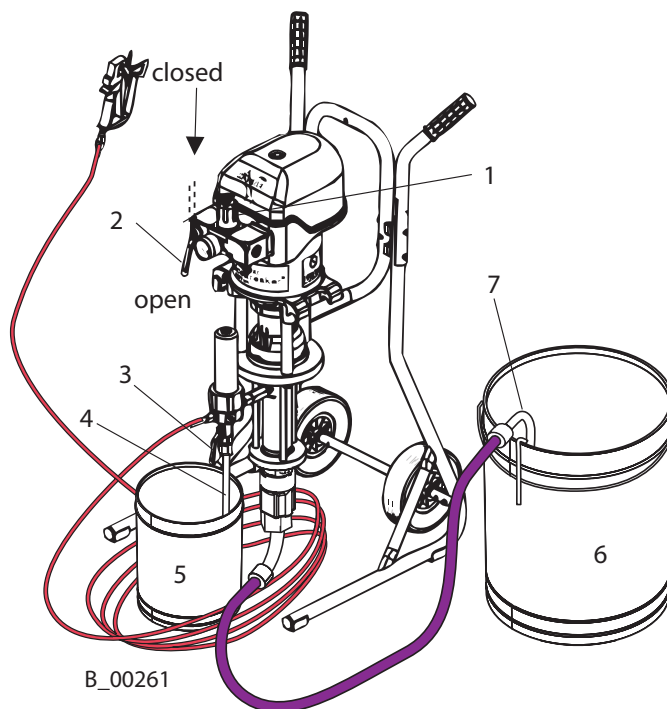
**5.2.4 FILLING WITH MATERIAL**

1. Place empty container (5) under return tube (4).
 2. Place suction hose (7) in the container with working material (6).
- Note:**
If the pump is equipped with a rigid suction system, it should only be dipped in into the working material in maximum to the middle of the inlet housing !
3. Set pressure regulator (1) to approx. 0.05 MPa; 0.5 bar; 7.25 psi.
 4. Open return valve (3).
 5. Slowly open ball valve (2).
 6. Adjust the air pressure on the pressure regulator (1) so that the pump runs regularly.
 7. Close ball valve (2) as soon as pure working material starts coming from the return hose.
 8. Close return valve (3).
 9. Point the gun, without tip, into container (5) and open it.
 10. Slowly open ball valve (2).
 11. Close ball valve (2) as soon as pure working material starts coming from the gun.
 12. When there is no pressure remaining in the system close gun.
 13. Secure gun.
 14. Dispose of the contents of the container (5) according to the local regulations.

5.3 WORK

5.3.1 SPRAYING

1. Secure gun and place nozzle in the gun.
2. Slowly open ball valve (2).
3. Set required working pressure on the pressure regulator (1).
4. Optimize the spraying results as laid down in the gun instructions.
5. Start work process.



5.3.2 BREAKS IN WORK

1. Close gun.
2. Close ball valve (2).
3. Release the system by opening the gun.
4. Close and secure gun.

If the system has been used with two component material:

	! WARNING Hardened material in the spraying system when 2-component material is worked! Destruction of the pump and injection system. → Follow the manufacturer's working instructions, particularly regarding the pot life. → Rinse thoroughly before the end of the pot life. → The potlife time decreases at raising temperature.
---	--

5.3.3 DISMANTLING AND CLEANING

Note

The device should be cleaned for maintenance purposes, etc. Ensure that no remaining material dries and sticks.

Procedure:

1. Working breaks -> Procedure on chapter 5.3.2.
2. Basic cleaning -> Procedure on chapter 5.2.3.
3. Maintain the gun as laid down in the operating instructions.
4. Clean and check the suction system and, in particular, the suction filter.
5. When using a high-pressure filter: Clean and check the filter insert and filter body.
6. Clean the outside of the system.

	 WARNING
	Brittle filter pressure regulator! The container on the filter pressure regulator becomes brittle through contact with solvents and can burst. Flying parts can cause injury. → Do not clean the container on the pressure regulator with solvent.

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7. Put the whole system back together.
8. Check the level of the separating fluid -> Paragraph 5.2.2.
9. Fill the system with solvent as laid down in Paragraph 5.2.4 „Filling with working material“.

	 WARNING
	Gas mixtures can explode if there is an incompletely filled pump! Danger to life from flying parts. → Ensure that the piston pump and suction system are always completely filled with cleaning agent or working medium. → Do not spray the unit empty after cleaning.

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5.4 STORING FOR LONGER PERIODS OF TIME

When storing the device for longer periods of time it is necessary to thoroughly clean it and protect it from corrosion. Replace the water or solvent in the material pump with a suitable preserving oil. Fill separating fluid cup with separating fluid.

Procedure:

1. Carry out Paragraph 5.3.3 „Shutting down and cleaning“, points 1 through 9.
2. Cleaning with preserving agent acc. Paragraph 5.2.3.
3. Protect the air motor with pneumatic oil: connect an oiler to the compressed air inlet and run for a few double strokes.

6 FAULT LOCATION, MAINTENANCE AND REPAIR

6.1 TROUBLE SHOOTING AND SOLUTION

Problem	Cause	Solution
The pump does not work	• Air motor does not work or stops	• Open and close ball valve on the pressure regulator unit or disconnect compressed air supply shortly.
	• No pressure indication (pressure regulator defect)	• Disconnect compressed air supply shortly or repair or change pressure regulator.
	• Spray nozzle clogged	• Clean nozzle according to the instructions
	• Insufficient supply of compressed air	• Check compressed air supply
	• Filter insert in spray gun or high-pressure filter is clogged	• Clean the parts and use a suitable working material
	• Material feed pump or high-pressure hose are blocked (e.g., two-component material hardened)	• Dismantle the paint pump and clean, replace high-pressure hose.
	• Grease in spool-sleeve combination (airmotor stops at the stroke end).	• Degrease spool-sleeve combination, check detent body. (use service manual)
Poor spray pattern	• See gun instructions	
Irregular operation of material feed pump: spray jet collapses. (pulsation)	• Viscosity too high	• Thin spraying material
	• Spraying pressure too low	• Increase incoming air pressure, use smaller nozzle
	• Valves are clogged	• Clean material pump, if necessary leave to soak in solvent
	• Impurities in the suction valve	• Dismantle suction valve housing, clean and check valve seat
	• Diameter of the compressed air line too small	• Assemble a larger incoming line -> technical data, paragraph 4.3.3
	• Valves, packings or pistons worn out	• Replace parts
	• Filter for control air or filter for work air is clogged	• Check filter and clean it
Pump runs evenly, however does not suck up material	• Union nut of the suction system is loose, pump is taking in air	• Tighten
	• Suction filter is clogged	• Clean filter
	• Ball in suction or piston valve is sticking.	• Clean with solvent (if necessary vent device)

Trouble shooting and solution

Problem	Cause	Solution
Pump runs when the gun is closed	Packings, valves or pistons worn	Replace parts
Air motor iced up	A lot of condensation water in the air supply.	Install a water separator.

If the problem is not listed above consult your WAGNER Service Center.

6.2 MAINTENANCE

	 WARNING
	Incorrect maintenance/repair! Danger to life and equipment damage. → Only a WAGNER service center or a suitably trained person may carry out repairs and replace parts. → Only repair and replace parts that are listed in the chapter "Spare parts catalog". → Before all work on the unit and in the event of work interruptions: - Disconnect the control unit from the mains. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

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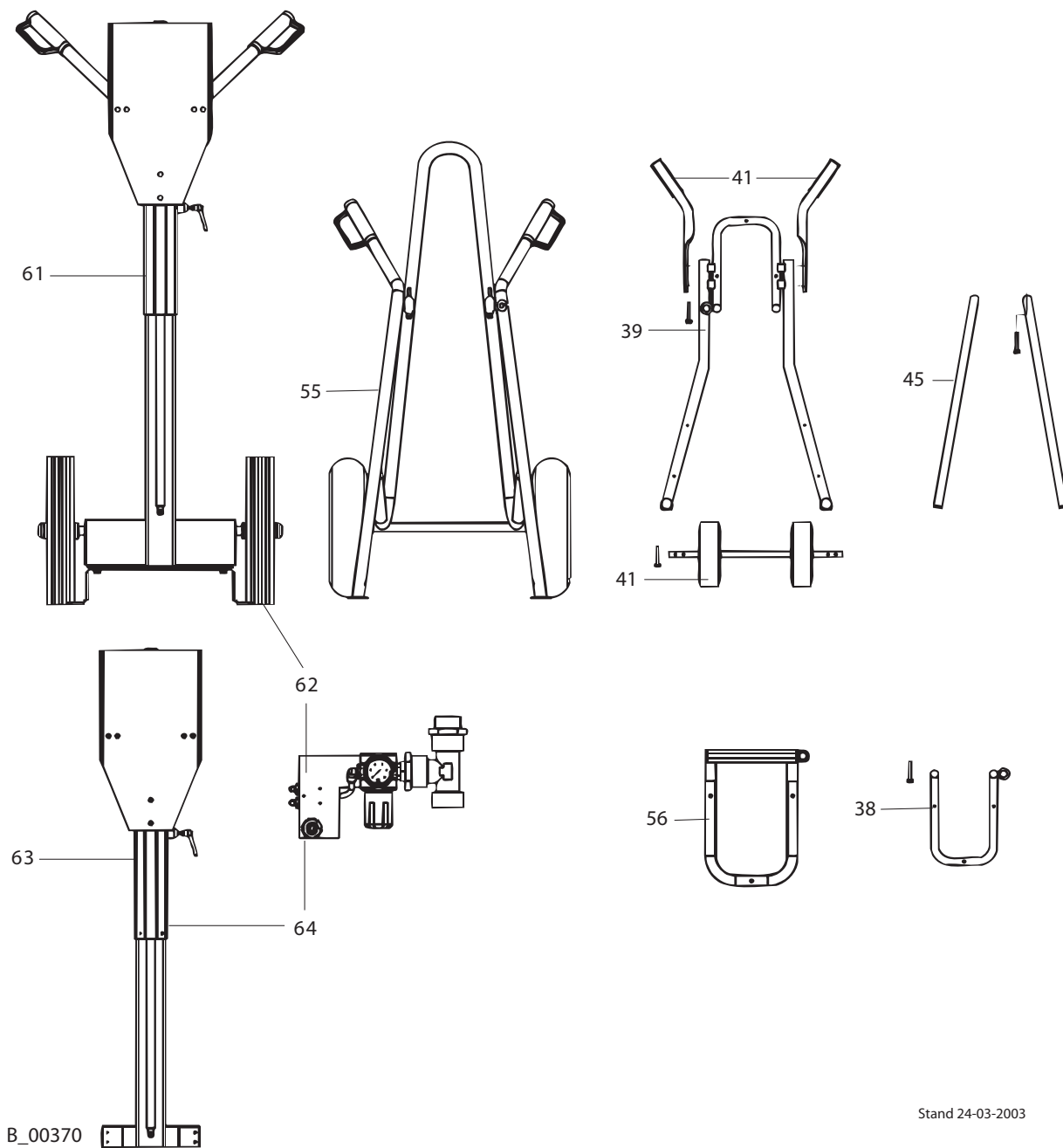
1. Check the level of separating fluid in the separating fluid cup every day, and top up if necessary.
2. Check and clean the high-pressure filter every day or as required.
3. Every shut down should be carried out as laid down in paragraph 5.3.3 !
4. Check and replace if necessary hoses, tubes, couplings every days.

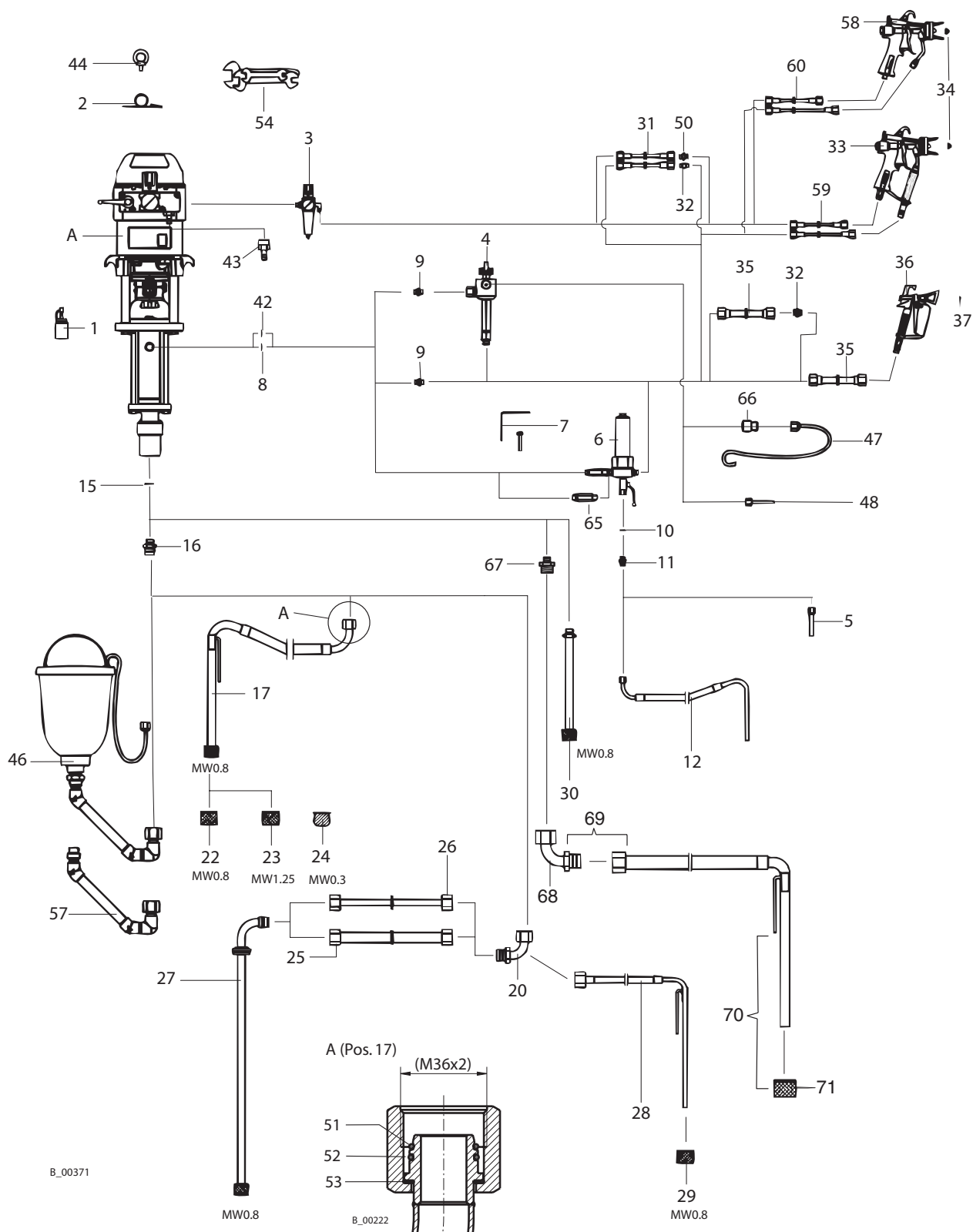
WAGNER recommends to check the whole spray system every year from a technical expert (e.g. WAGNER service technician).

The service instructions manual is available in various languages.
Part numbers see chapter 1.1

7 ACCESSORIES

7.1 ACCESSORIES





B_00371

B_00222

List Accessories		WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Pos	K Description	No	No.	No.	No.	No.	No.	No.
A	Piston pump (metric)	0366001	0367001	0367002	0368001	0368013	0368002	0369001
A	Piston pump (NPSM)	0366101	0367101	0367102	0368101	0368113	0368102	0369101
1	Separating fluid 250ml; 250cc	9992504	9992504	9992504	9992504	9992504	9992504	9992504
1	Separating fluid 10L; 2.6gal	0356940	0356940	0356940	0356940	0356940	0356940	0356940
2	Earthing cable 3m; 9.8ft	0236219	0236219	0236219	0236219	0236219	0236219	0236219
3	◆ Filter pressure regulator with plastic bowl	0367062	0367062	0367062	0367062	0367062	-	-
3	◆ Filter pressure regulator with metal bowl	0115985	0115985	0115985	0115985	0115985	-	-
4	Filter-relief combination (metric)	0367025	0367025	0367025	-	-	-	-
4	Filter-relief combination (NPSM)	0367125	0367125	0367125	-	-	-	-
5	Relieve tube	0367126	0367126	0367126	0367126	0367126	0367126	0367126
6	High-pressure filter (metric)	0367010	0367010	0367010	0367010	0367010	0367010	0367010
6	High-pressure filter (NPSM)	0367111	0367111	0367111	0367111	0367111	0367111	0367111
7	Mounting for wall for pos. 6	0367115	0367115	0367115	0367115	0367115	0367115	0367115
8	◆ Seal ring Cu	9925024	9925024	9925024	9925024	9925024	9925024	9925024
9	Double nipple G3/8"- M16x1.5	0367913	0367913	0367913	0367913	0367913	0367913	0367913
9	Double nipple G3/8"- 1/4 NPSM	0367555	0367555	0367555	-	-	-	-
9	Double nipple G3/8"- 3/8 NPSM	-	-	-	0367556	0367556	0367556	0367556
10	◆ Seal ring Al	9974111	9974111	9974111	9974111	9974111	9974111	9974111
11	Double nipple G3/8"-M20x2	0367962	0367962	0367962	0367962	0367962	0367962	0367962
12	◆ Return hose DN13mm; ID0.51in M20x2	0367141	0367141	0367141	0367141	0367141	0367141	0367141
15	◆ Seal ring Al	9974109	9974109	9974110	9974110	9974110	9974110	9974110
15	◆ Seal ring Cu	9970158	9970158	9974150	9974150	9974150	9974150	9974150
16	Double nipple M36x2	0367958	0367958	0368958	0368958	0368958	0368958	0368958
17	◆ Suction hose DN25mm; ID1in	0367140	0367140	0367140	0367140	0367140	0367140	0367140
20	Suction elbow	0097075	0097075	0097075	0097075	0097075	0097075	0097075
22	◆ Filter DN25mm; ID1in/ MW0.8mm; MW0.03in M28x1.5	0250245	0250245	0250245	0250245	0250245	0250245	0250245

◆ Wearing part

List Accessories		WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Pos	K Description	No	No.	No.	No.	No.	No.	No.
22	◆ Filter DN 25mm; ID1in/ MW1mm; MW0.04in M28x1.5	0344341	0344341	0344341	0344341	0344341	0344341	0344341
23	◆ Filter DN25; ID1in/ MW1.25mm; MW0.05in M28x1.5	0250243	0250243	0250243	0250243	0250243	0250243	0250243
24	◆ Suction filter bag MW0.3mm; MW0.01in	0097531	0097531	0097531	0097531	0097531	0097531	0097531
25	◆ Extension hose DN25mm; ID1in	0115285	0115285	0115285	0115285	0115285	0115285	0115285
26	◆ Extension hose DN13mm; ID0.5in	0115284	0115284	0115284	0115284	0115284	0115284	0115284
27	Barrel suction pipe DN25mm; ID1in	0115175	0115175	0115175	0115175	0115175	0115175	0115175
28	◆ Suction hose DN13mm; ID0.5in	0097073	0097073	0097073	0097073	0097073	0097073	0097073
29	◆ Filter DN13mm; ID0.5in/ 0.8m; 0.03in M15x1	0250244	0250244	0250244	0250244	0250244	0250244	0250244
30	Suction tube Stainless steel DN25; ID1in	0367151	0367151	0368151	0368151	0368151	0368151	0368151
31	◆ Double hose Extension M16x1.5, DN4mm; ID 0.16in/ 7.5m; 24.6ft/ 27MPa; 270bar; 3920psi	9984509	9984509	9984509	9984509	9984509	-	-
31	◆ Double hose Extension 1/4NPSM, DN4mm; ID 0.16in/ 7.5m; 24.6ft/ 27MPa; 270bar; 3920psi	9984609	9984609	9984609	9984609	9984609	-	-
32	Double nipple M16x1.5	0123446	0123446	0123446	0123446	0123446	0123446	0123446
32	Double nipple 1/4NPSM	0367560	0367560	0367560	0367560	0367560	0367560	0367560
33	AirCoat gun with filter GM 3000AC M16x1.5, 25MPa; 250bar; 3625psi	0364005	0364005	0364005	0364005	0364005	-	-
33	AirCoat gun with filter GM 3000AC 1/4NPSM, 25MPa; 250bar; 3625psi	0364006	0364006	0364006	0364006	0364006		
34	◆ Nozzle ACR3000 or ACF3000 -> see nozzle list in gun manual	0371... 0379...	0371... 0379...	0371... 0379...	0371... 0379...	0371... 0379...	-	-
35	◆ High-pressure hose M16x1.5 DN4mm; ID0.16in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	-	9984510	-	9984510	-	9984510	-

◆ Wearing part

List Accessories		WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Pos	K Description	No	No.	No.	No.	No.	No.	No.
35	◆ High-pressure hose 1/4NPSM, DN4mm; ID0.16in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	-	9984573	-	9984573	-	9984573	-
35	◆ High-pressure hose M16x1.5, DN6mm; ID0.24in, 10m; 24.6ft, 27MPa; 270bar; 3920psi	-	-	-	9984417	-	9984417	-
35	◆ High-pressure hose 1/4 NPSM, DN6mm; ID0.24in, 10m; 24.6ft, 27MPa; 270bar; 3920psi	-	-	-	9984418	-	9984418	-
35	◆ High-pressure hose M16x1.5, DN10mm; ID0.39in, 15m; 49.2ft, 53MPa; 530bar; 7960psi	-	-	-	-	-	-	9987008
35	◆ High-pressure hose 3/8NPSM, DN10mm; ID0.39in, 15m; 49.2ft, 53MPa; 530bar; 7960psi	-	-	-	-	-	-	9987118
35	◆ High-pressure hose M16x1.5, DN6mm; ID0.24in, 1.5m; 4.9ft, 53MPa; 530bar; 7690psi	-	-	-	-	-	-	9987007
35	◆ High-pressure hose 1/4NPS, DN6mm; ID0.24in, 1.5m; 4.9ft, 53MPa; 530bar; 7690psi	-	-	-	-	-	-	9987117
35	◆ High-pressure hose M16x1.5, DN6mm; ID0.24in, 10m; 32.8ft, 53MPa; 530bar; 7690psi	-	-	-	-	-	-	9984420
35	◆ High-pressure hose 1/4NPSM, DN6mm; ID0.24in, 10m; 32.8ft, 53MPa; 530bar; 7690psi	-	-	-	-	-	-	9984421
36	Airless gun AG-14 M16x1.5, 27MPa; 270bar; 3920psi	-	0257016	-	0257016	-	0257016	-
36	Airless Pistole AG-14 1/4NPSM, 27MPa; 270bar; 3920psi	-	0257015	-	0257015	-	0257015	-
36	Airless gun G15 M16x1.5, 53MPa; 530bar; 7690psi	-	-	-	-	-	-	0347002

◆ Wearing part

List Accessories		WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Pos	K Description	No	No.	No.	No.	No.	No.	No.
36	Airless gun G15 1/4NPSM, 53MPa; 530bar; 7690psi							0347001
37	◆ Standard nozzle -> see nozzle list in gun manual	-	0090...	-	0090...	-	0090...	0090...
37	◆ Nozzle WagnerTip ... -> see nozzle list in gun manual	-	1088...	-	1088...	-	1088...	-
38	Mounting for wall	0367020	0367020	0367020	0368020	0368020	0368020	0369020
39	Column	0367021	0367021	0367021	0368021	-	-	-
41	Wheel set and handles	0367022	0367022	0367022	0367022	-	-	-
42	◆ Seal ring AL	9974112	9974112	9974112	9974112	9974112	9974112	9974112
43	Quick coupling with hose nozzle	9998811	9998811	9998811	9998812	9998812	9998812	-
44	Lifting screw	9907133	9907133	9907133	9907133	9907133	9907133	-
45	4-leg stand	0367023	0367023	0367023	-	-	-	-
46	Hopper set 5l; 1.3gal	0367045	0367045	0367045	-	-	-	-
47	◆ Return tube for pos. 46	0366290	0366290	0366290	-	-	-	-
48	Return tube	0115858	0115858	0115858	-	-	-	-
50	Double socket for air R1/4", 0.8MPa; 8bar; 116psi	9994627	9994627	9994627	9994627	9994627	9994627	-
51	◆ O-ring PTFE	0367527	0367527	0367527	0367527	0367527	0367527	0367527
52	◆ O-ring FEP	9974127	9974127	9974127	9974127	9974127	9974127	9974127
53	◆ Washer PTFE	0367959	0367959	0367959	0367959	0367959	0367959	0367959
54	Tool set	0368870	0368870	0368870	0368870	0368870	0368870	0368870
55	Trolley heavy duty	-	-	-	0369024	0369024	0369024	0369024
56	Mounting for wall (Pump 90° rotated)	-	-	-	0368030	0368030	0368030	-
57	Suction elbow for pos. 46	0366950	0366950	0366950	-	-	-	-
58	AirCoat gun without filter GM 3000AC, M16x1.5, 25MPa; 250bar; 3625psi	0364007	0364007	0364007	0364007	0364007	-	-
58	AirCoat gun without filter GM 3000AC, 1/4NPSM 25MPa; 250bar; 3625psi	0364008	0364008	0364008	0364008	0364008		

◆ Wearing part

List Accessories		WILDCAT 18-40	PUMA 28-40	PUMA 15-70	LEOPARD 35-70	PUMA 15-150	LEOPARD 35-150	JAGUAR 75-150
Pos	K Description	No	No.	No.	No.	No.	No.	No.
59	◆ Double hose AC, M16x1.5, DL25; DL1 in; DN4; ID0.16 in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	9984564	9984564	9984564	9984564	9984564	-	-
59	◆ Double hose AC, 1/4NPSM, DL25; DL1 in; DN4; ID0.16 in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	9984664	9984664	9984664	9984664	9984664	-	-
60	◆ Double hose AC, M16x1.5, DL66; DL2.6 in DN4; ID0.16 in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	9984565	9984565	9984565	9984565	9984565	-	-
60	◆ Double hose AC, 1/4NPSM, DL66; DL2.6 in DN4; ID0.16 in, 7.5m; 24.6ft, 27MPa; 270bar; 3920psi	9984665	9984665	9984665	9984665	9984665	-	-
61	Lifting trolley	0367031	0367031	0367031	0367031	0367031	0368032	0369031
62	Lifting trolley pneumatic	0367032	0367032	0367032	0367032	0367032	0367032	0369032
63	Wall lifting gear	0367035	0367035	0367035	0367035	0367035	0368036	0369035
64	Wall lifting gear pneumatic	0367036	0367036	0367036	0367036	0367036	0367036	0369036
65	◆ One way restrictor	0369910	0369910	0369910	0369910	0369910	0369910	0369910
66	Adapter M16 - M20	0118231	0118231	0118231	-	-	-	-
67	Double reducing nipple G 1 1/2" - G 1"	-	-	-	-	-	-	0368964
68	Suction elbow	-	-	0118232	0118232	0118232	0118232	0118232
69	Suction hose with elbow union	-	-	0369959	0369959	0369959	0369959	0369959
70	Suction hose G 1 1/2"	-	-	0115859	0115859	0115859	0115859	0115859
71	Filter 1 1/2"; MW 1.25 mm (MW 0.05 in)	-	-	0115857	0115857	0115857	0115857	0115857

◆ Wearing part

7.2 SPRAYPACKS

Type	Part-No.	Consisting of accessories items
Trolley incl. gun hose, gun and nozzle:		
Spraypack WILDCAT 18-40 AirCoat	0366055	A, 1, 2, 3, 5, 6, 8, 10, 11, 15, 16, 17, 60, 58, 34 (11/40), 39, 41, 54
Spraypack PUMA 28-40 Airless	0367050	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 35, 36, 37 (11/40), 39, 41, 54
Spraypack PUMA 28-40 AirCoat	0367051	A, 1, 2, 3, 5, 6, 8, 10, 11, 15, 16, 17, 60, 58, 34 (11/40), 39, 41, 54
Spraypack PUMA 15-70 AirCoat	0367055	A, 1, 2, 3, 5, 6, 8, 10, 11, 15, 16, 17, 60, 58, 34 (13/40), 39, 41, 54
Spraypack LEOPARD 35-70 Airless	0368050	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 35, 36, 37 (13/40), 39, 41, 54
Spraypack LEOPARD 35-70 AirCoat	0368051	A, 1, 2, 3, 5, 6, 8, 10, 11, 15, 16, 17, 60, 58, 34 (13/40), 39, 41, 54
Spraypack LEOPARD 35-150 Airless	0368053	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 35, 36, 37 (13/40), 54, 55
Spraypack JAGUAR 75-150 Airless	0369050	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 32, 35, 36, 37 (21/50), 54, 55
Trolley without gun hose, gun and nozzle:		
Spraypack WILDCAT 18-40 without gun	0366056	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 39, 41, 54
Spraypack PUMA 28-40 without gun	0367052	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 39, 41, 54
Spraypack PUMA 15-70 without gun	0367056	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 39, 41, 54
Spraypack LEOPARD 35-70 without gun	0368052	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 39, 41, 54
Spraypack PUMA15-150 without gun	0368055	A, 1, 2, 5, 6, 10, 11, 15, 16, 17, 39, 41, 54
Spraypack LEOPARD 35-150 without gun	0368054	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 54, 55
4-leg stand (small-scale processing):		
Spraypack WILDCAT 18-40 AirCoat 4-leg stand	0366057	A, 1, 2, 3, 4, 8, 9, 15, 30, 33, 34 (11/40), 45, 48, 54, 59
Spraypack WILDCAT 18-40 AirCoat 4-leg stand, 5l container	0366059	A, 1, 2, 3, 6, 10, 11, 15, 16, 33, 34 (11/40), 45, 46, 54, 59
Spraypack PUMA 28-40 AirCoat 4-leg stand	0367053	A, 1, 2, 3, 4, 8, 9, 15, 30, 33, 34, 45, 48, 54, 59
Spraypack PUMA 28-40 Airless 4-leg stand	0367054	A, 1, 2, 4, 8, 9, 15, 30, 35, 36, 37, 45, 48, 54
Spraypack PUMA 15-70 AirCoat 4-leg stand	0367057	A, 1, 2, 3, 4, 8, 9, 15, 30, 33, 34 (11/40), 45, 48, 54, 59

Spraypacks

Type	Part-No.	Consisting of accessories items
Wall mounting without gun:		
Spraypack WILDCAT 18-40 AC Wand without gun	0366058	A, 1, 2, 3, 5, 6, 8, 11, 15, 16, 17, 38, 54
Spraypack WILDCAT 18-40 AC Wand without gun 5l container	0366060	A, 1, 2, 3, 6, 10, 11, 15, 16, 38, 46, 54
Spraypack PUMA 15-70 AC Wand without gun	0367058	A, 1, 2, 3, 5, 6, 8, 10, 11, 15, 16, 17, 38, 54
Spraypack PUMA 28-40 AL Wand without gun	0367059	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 38, 54
Spraypack LEOPARD 35-70 AL Wand without gun	0368059	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 38, 54
Spraypack PUMA 15-150 AL without gun	0368049	A, 1, 2, 5, 6, 8, 10, 11, 15, 16, 17, 38, 54
Spraypack LEOPARD 35-150 AL without gun	0368058	A, 1, 2, 5, 6, 10, 11, 15, 16, 17, 38, 54

8 SPARE PARTS

8.1 HOW TO ORDER SPARE PARTS

Always supply the following information to ensure delivery of the right spare part:

Part Number, description and quantity

The quantity need not be the same as the number given in the „Quantity“ column. This number merely indicates how many of the respective parts are used in each subassembly.

The following information is also required to ensure smooth processing of your order:

- Address for the invoice
- Address for delivery
- Name of the person to be contacted in the event of any queries
- Type of delivery required (air freight or mail, sea route or overland route, etc.)

Marks in spare parts lists

Note to column „K“ in the following spare parts lists.

- ◆ = Wearing parts
Note: No liability is assumed for wearing parts
- = Not part of standard equipment, available, however, as additional extra.

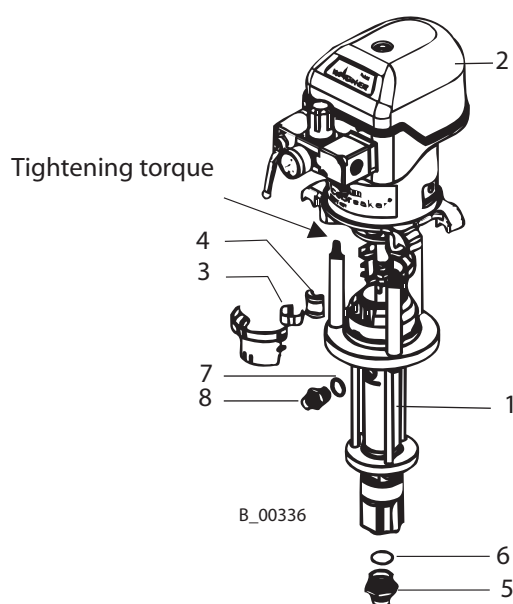
	 WARNING Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.
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The service instructions manual is available in various languages. Part-No. see chapter 1.1

8.2 OVERVIEW MODULES

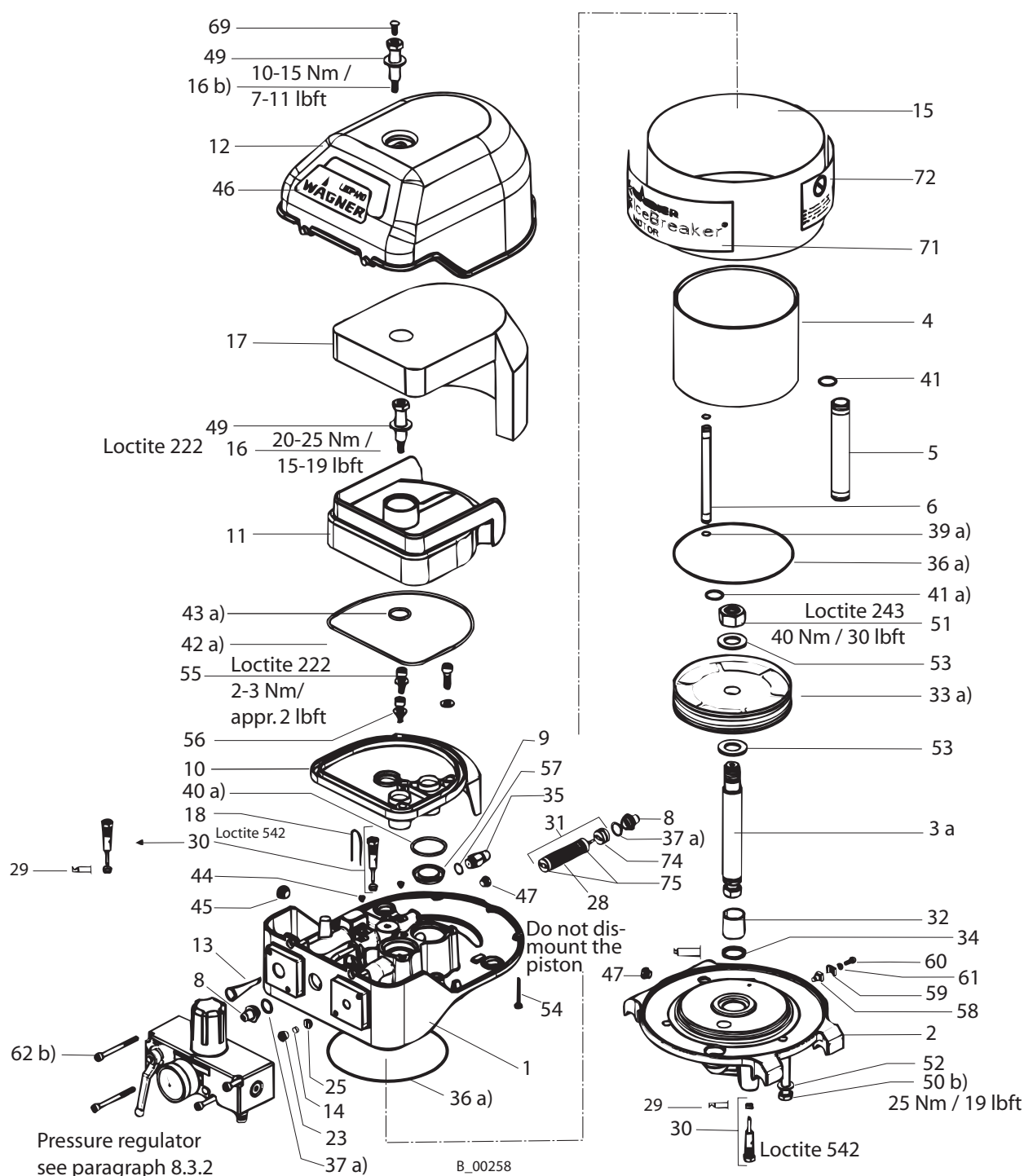
		WILDCAT 18-40 PE/TG	PUMA 28-40 PE/TG	PUMA 28-40 PE/T	PUMA 15-70 PE/TG	LEOPARD 35-70 PE/TG	LEOPARD 35-70 PE/T
Pos	Description	No.	No.	No.	No.	No.	No.
	Piston pump (metric)	0366001	0367001	0367012	0367002	0368001	0368019
	Piston pump (NPSM)	0366101	0367101	-	0367102	0368101	-
1	Material pump	0367070	0367070	0367072	0368070	0368070	0368076
2	Air motor	0366080	0367080	0367080	0367080	0368080	0368080
3	Spring	0367530	0367530	0367530	0367530	0368530	0368530
4	Coupling	0367529	0367529	0367529	0367579	0368529	0368529
5	Double nipple	0367958	0367958	0367958	0368958	0368958	0368958
6	Seal ring	9974109	9974109	9974109	9974110	9974110	9974110
7	Seal ring	9925024	9925024	9925024	9925024	9925024	9925024
8	Double nipple (metric)	0367913	0367913	0367913	0367913	0367913	0367913
8	Double nipple (NPSM)	0367555	0367555	-	0367555	0367556	-
Tightening torque Air motor/ Material pump		25 Nm 18 lbft	25 Nm 18 lbft	25 Nm 18 lbft	25 Nm 18 lbft	25 Nm 18 lbft	25 Nm 18 lbft
Tightening torque pos. 5		160 Nm 118 lbft	160 Nm 118 lbft	160 Nm 118 lbft	200 Nm 148 lbft	200 Nm 148 lbft	200 Nm 148 lbft
Tightening torque pos. 8		100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft



		PUMA 15-150 PE/TG	LEOPARD 35-150 PE/TG	JAGUAR 75-150 PE/TG	JAGUAR 75-150 PE/L	JAGUAR 75-150 PE/T
Pos	Description	No.	No.	No.	No.	No.
	Piston pump (metric)	0368013	0368002	0369001	0369005	0369009
	Piston pump (NPSM)	0368113	0368102	0369101	-	-
1	Material pump	0368071	0368071	0368071	0368072	0368073
2	Air motor	0367083	0368081	0369080	0369080	0369080
3	Spring	0367530	0368530	0368530	0368530	0368530
4	Coupling	0367579	0368529	0368529	0368529	0368529
5	Double nipple	0368958	0368958	0368958	0368958	0368958
6	Seal ring	9974110	9974110	9974110	9974110	9974110
7	Seal ring	9925024	9925024	9925024	9925024	9925024
8	Double nipple (metric)	0367913	0367913	0367913	0367913	0367913
8	Double nipple (NPSM)	0367556	0367556	0367556	-	-
Tightening torque Air motor/ Material pump		50 Nm 37 lbft	50 Nm 37 lbft	50 Nm 37 lbft	50 Nm 37 lbft	50 Nm 37 lbft
Tightening torque pos. 5		200 Nm 148 lbft	200 Nm 148 lbft	200 Nm 148 lbft	200 Nm 148 lbft	200 Nm 148 lbft
Tightening torque pos. 8		100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft	100 Nm 74 lbft

8.3 AIR MOTORS

8.3.1 AIR MOTORS WILDCAT, PUMA, LEOPARD



- a) Paint on a small amount of grease
- b) Paint on with anti-sieze paste

	 WARNING
	Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

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Spare parts list Air motor			WILDCAT Ø80mm/ H75mm Ø3.1in/S3in		PUMA Ø100mm/ H75mm Ø4in/S3in		PUMA Ø100mm/ H150mm Ø4in/S6in		LEOPARD Ø150mm/ H75mm Ø6in/S3in		LEOPARD Ø150mm/ H150mm Ø6in/S6in	
Pos	K	Description	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.
		Air motor		0366080		0367080		0367083		0368080		0368081
1		Control housing	1	0367315	1	0367315	1	0367315	1	0368315	1	0368315
2		Flange	1	0367316	1	0367316	1	0367316	1	0368316	1	0368316
3		Piston rod	1	0367302	1	0367302	1	0367402	1	0368302	1	0368402
4		Cylinder rod	1	0366303	1	0367303	1	0367403	1	0368303	1	0368403
5		Compressed air pipe	1	0367304	1	0367304	1	0367404	1	0368304	1	0368404
6		Control air pipe	1	0367305	1	0367305	1	0367405	1	0367305	1	0367405
8		Stopper	2	0367307	2	0367307	2	0367307	2	0367307	2	0367307
9	◆★	Seal, outlet	2	3828908	2	3828908	2	3828908	2	3807574	2	3807574
10		Connection piece	1	0367309	1	0367309	1	0367309	1	0368309	1	0368309
11		Sound absorber	1	0367310	1	0367310	1	0367310	1	0368310	1	0368310
12		Hood	1	0367311	1	0367311	1	0367311	1	0368311	1	0368311
13	◆★	Filter, compressed air	1	0367313	1	0367313	1	0367313	1	0367313	1	0367313
14	◆★	Filter, control air	1	0367314	1	0367314	1	0367314	1	0367314	1	0367314
15		Casing	1	0367312	1	0367312	1	0367412	1	0368312	1	0368412
16		Shoulder screw	2	0367318	2	0367318	2	0367318	2	0368324	2	0368324
17	◆	Sound absorbing mat	1	0367319	1	0367319	1	0367319	1	0368319	1	0368319
18		Spring pin	2	0367320	2	0367320	2	0367320	2	0368320	2	0368320

◆ = Wearing parts

★ = Included in service set

Spare parts list Air motor			WILDCAT Ø80mm/ H75mm Ø3.1in/S3in		PUMA Ø100mm/ H75mm Ø4in/S3in		PUMA Ø100mm/ H150mm Ø4in/S6in		LEOPARD Ø150mm/ H75mm Ø6in/S3in		LEOPARD Ø150mm/ H150mm Ø6in/S6in	
Pos	K	Description	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.
19		Distributor	1	0367321	1	0367321	1	0367321	1	0368321	1	0368321
20	◆	Pressure regulator	1	9998676	1	9998676	1	9998676	1	9999312	1	9999312
21	◆	Angle ball valve	1	0367061	1	0367061	1	0367061	1	0368061	1	0368061
22		Connection piece	2	0367322	2	0367322	2	0367322	2	0368322	2	0368322
23		Filter location	1	0367324	1	0367324	1	0367324	1	0367324	1	0367324
25		Throttle		-		-		-	1	0367325	1	0367325
28	◆	O-ring	6	9971123	6	9971123	6	9971123	6	9974142	6	9974142
29	◆	Rod seal	2	9974217	2	9974217	2	9974217	2	9974217	2	9974217
30	◆	Pilot valve	2	0369290	2	0369290	2	0369290	2	0369290	2	0369290
31	◆	Spool and sleeve assembly	1	9943080	1	9943080	1	9943080	1	9943098	1	9943098
32	◆	Permaglide bushing	1	9962018	1	9962018	1	9962018	1	9962019	1	9962019
33	◆	Piston, complete	1	9998663	1	9998661	1	9998661	1	9998662	1	9998662
34	◆★	Sealing-wiper ring	1	9974090	1	9974090	1	9974090	1	9974091	1	9974091
35		Safety valve	1	9991714	1	9991714	1	9991714	1	9991928	1	9998816
36	◆★	O-ring	2	9974115	2	9974084	2	9974084	2	9974087	2	9974087
37	◆★	O-ring	2	9974085	2	9974085	2	9974085	2	9974085	2	9974085
39	◆★	O-ring	2	9974089	2	9974089	2	9974089	2	9974089	2	9974089
40	◆★	O-ring	2	9974095	2	9974095	2	9974095	2	9974096	2	9974096
41	◆★	O-ring	2	9971448	2	9971448	2	9971448	2	9971137	2	9971137
42	◆★	O-ring	1	9974097	1	9974097	1	9974097	1	9974100	1	9974100
43	◆★	O-ring	1	9974098	1	9974098	1	9974098	1	9974101	1	9974101
44		Threaded plug	2	9998674	2	9998674	2	9998674	2	9998674	2	9998674
45		Threaded plug	2	9998274	2	9998274	2	9998274	2	9998274	2	9998274
46		Sticker WAGNER	1	0366804	1	0367804	1	0367804	1	0368804	1	0368804
47		Threaded plug	2	9998675	2	9998675	2	9998675	2	9998675	2	9998675
49		Washer	2	9925033	2	9925033	2	9920106	2	9925026	2	9925026
50		Hexagon screw	3	9900225	3	9900225	3	9907121	3	9900225	3	9907121
51		Hexagon nut	1	9910101	1	9910101	1	9910101	1	9910605	1	9910605
52		Washer	3	9920106	3	9920106	3	9920106	3	9920106	3	9920106
53		Washer	1	9920107	1	9920107	1	9920107	2	9920110	2	9920110
54		Screw SFS	2	9907126	2	9907126	2	9907126	3	9907125	3	9907125

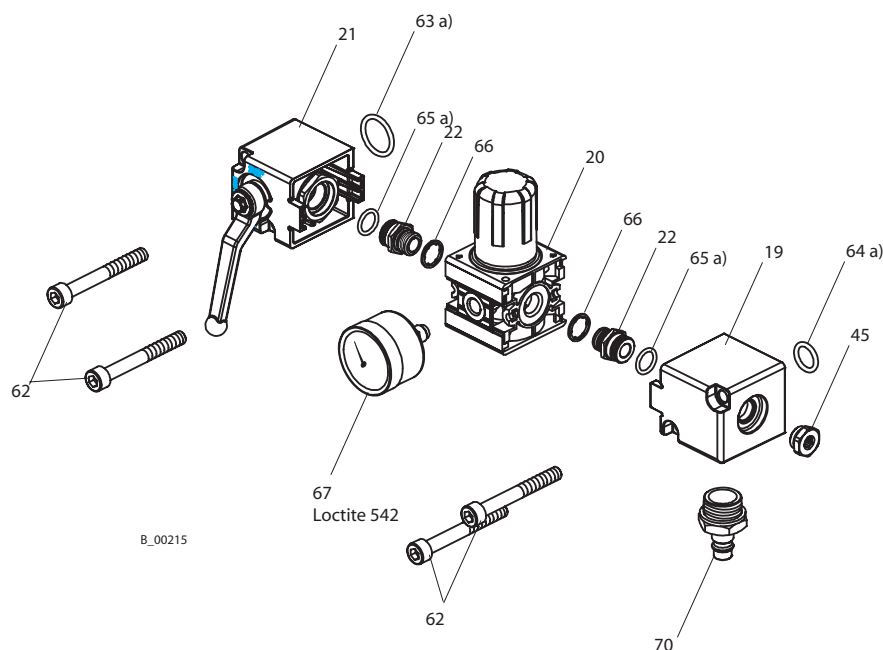
◆ = Wearing parts

★ = Included in service set

Spare parts list Air motor			WILDCAT Ø80mm/ H75mm Ø3.1in/S3in		PUMA Ø100mm/ H75mm Ø4in/S3in		PUMA Ø100mm/ H150mm Ø4in/S6in		LEOPARD Ø150mm/ H75mm Ø6in/S3in		LEOPARD Ø150mm/ H150mm Ø6in/S6in	
Pos	K	Description	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.	Qty.	No.
55		Cap head screw M6x16	3	9900325	3	9900325	3	9900325	3	9900313	3	9900313
56		Washer	3	9920103	3	9920103	3	9920103	3	9920102	3	9920102
57	◆★	Seal ring	1	9970149	1	9970149	1	9970149	1	9970149	1	9970149
58		Base	1	9952668	1	9952668	1	9952668	1	9952668	1	9952668
59		Clamping strap	1	9952667	1	9952667	1	9952667	1	9952667	1	9952667
65		O-ring	2	9974105	2	9974105	2	9974105	2	9974102	2	9974102
66		Seal ring	2	9970149	2	9970149	3	9970149	2	9970148	2	9970148
67		Pressure gauge	1	9998677	1	9998677	1	9998677	1	9998725	1	9998725
69		Pin	1	9998718	1	9998718	1	9998718	1	9998718	1	9998718
70		Plug-in nipple	1	9998810	1	9998810	1	9998810	1	9998813	1	9998813
71		Sticker IceBreaker	1	0367806	1	0367806	1	0367806	1	0367806	1	0367806
72		Warning sign	1	0367807	1	0367807	1	0367807	1	0367807	1	0367807
74	◆	Detent body	1	9998897	1	9998897		9998897	1	9998897	1	9998897
		Loctite 222 50ml; 50cc		9992590		9992590		9992590		9992590		9992590
		Loctite 243 50ml; 50cc		9992511		9992511		9992511		9992511		9992511
		Loctite 542 50ml; 50cc		9992831		9992831		9992831		9992831		9992831
		Grease Beacon		9998808		9998808		9998808		9998808		9998808
		Service set	1	0366995	1	0367995	1	0367995	1	0368995	1	0368995

◆ = Wearing parts

★ = Included in service set

8.3.2 REGULATOR FOR AIR MOTORS WILDCAT, PUMA AND LEOPARD

		WILDCAT Ø80mm H75mm Ø3.1in/S3in		PUMA Ø100mm H75;150mm Ø4in/S3;6in		LEOPARD Ø150mm H75;150mm Ø6in/S3;6in	
Pos	Description	Qty.	No.	Qty.	No.	Qty.	No.
	Pressure regulator compl	1	367060	1	0367060	1	0368060
	Wear parts set for pos. 20	1	0115943	1	0115943	1	0368961

**! WARNING****Incorrect maintenance/repair!**

Risk of injury and damage to the equipment.

- Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center.
- Before all work on the unit and in the event of work interruptions:
 - Switch off the energy/compressed air supply.
 - Relieve the pressure from the spray gun and unit.
 - Secure the spray gun against actuation.
- Observe the operating and service instructions when carrying out all work.

8.3.3 AIR MOTOR JAGUAR

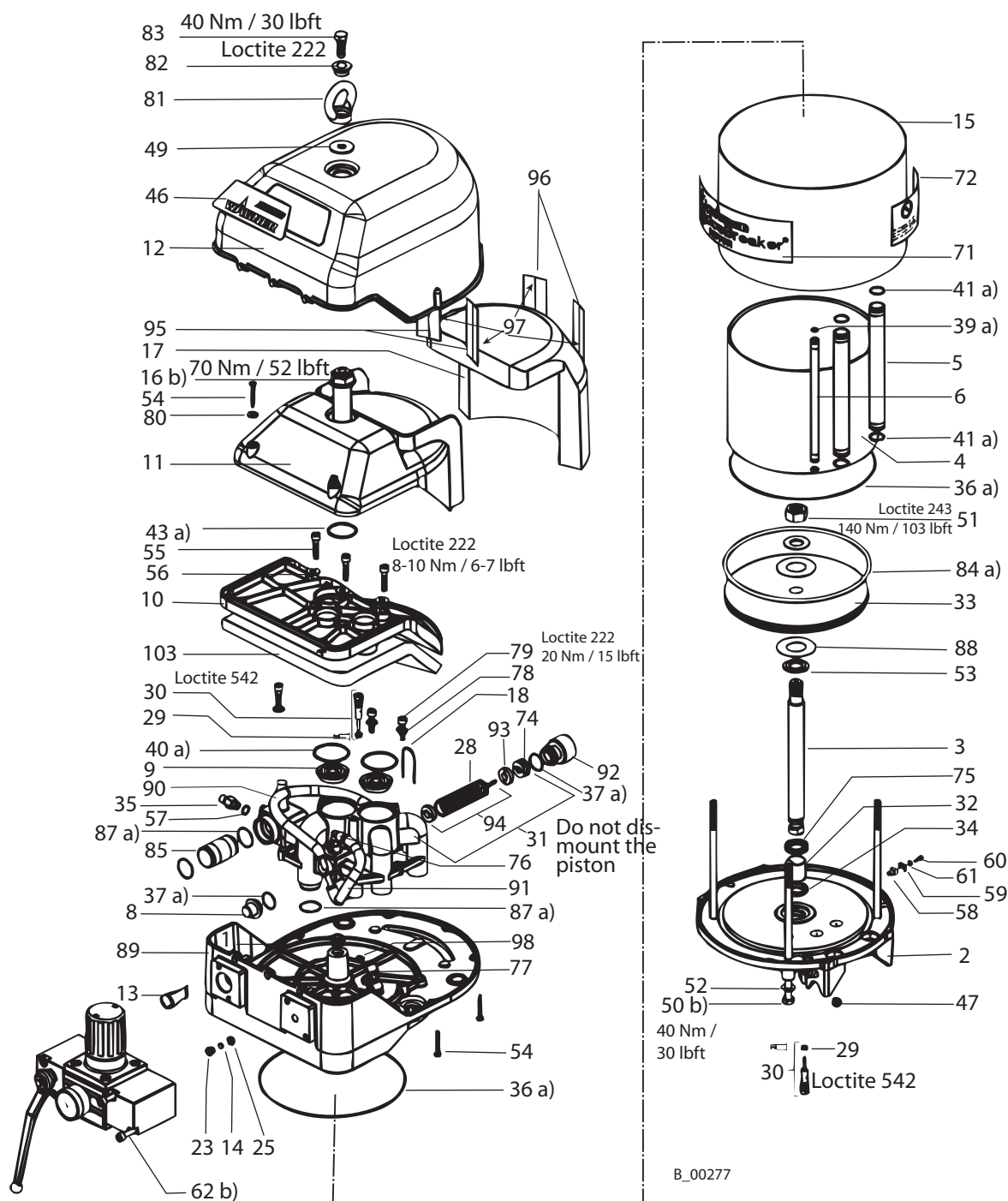
	 WARNING
	Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

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Spare parts list Air motor Jaguar				JAGUAR ø220mm H150mm ø8.7in/S6in
Pos	K	Qty.	Description	No.
			Air motor	0369080
1		1	Control housing	0369315
2		1	Flange	0369316
3		1	Piston rod	0368402
4		1	Cylinder rod	0369403
5		2	Compressed air pipe	0368404
6		1	Control air pipe	0367405
8		1	Sealing stopper	0369307
9	◆★	2	Seal, outlet	0369312
10		1	Connection piece	0369309
11		1	Sound absorber	0369310
12		1	Hood	0369905
13	◆★	1	Filter, compressed air	0369313
14	◆★	1	Filter, control air	0367314
15		1	Cylinder cover	0369412
16		1	Shoulder screw	0369318
17	◆	1	Sound absorbing mat	0369906
18		2	Spring pin	0369320
19		1	Distributor	0369321
20	◆	1	Pressure regulator	9998898

◆ = Wearing parts

★ = Included in service set



Pressure regulator
see paragraph 8.3.4

- a) Paint on a small amount of grease
b) Paint on with anti-sieze paste

Spare parts list Air motor Jaguar				JAGUAR ø220mm H150mm ø8.7in/56in
Pos	K	Qty.	Description	No.
21	◆	1	Angle ball valve, cpl.	0369061
22		2	Connection piece	0369322
23		1	Filter location	0367324
25		1	Throttle	0367325
28	◆	6	O-ring	9974143
29	◆	2	Rod seal	9974217
30	◆	2	Pilot valve	0369290
31	◆	1	Spool and sleeve assembly cpl. consisting of pos. 74, 93 and 94	0369907
32	◆	1	Permaglide bushing	9962019
33	◆	1	Piston 9	0369305
34	◆★	1	Sealing-wiper ring	9974125
35		1	Safety valve	9991928
36	◆★	2	O-ring	9974133
37	◆★	2	O-ring	9971056
39	◆★	2	O-ring	9974089
40	◆★	2	O-ring	9974132
41	◆★	4	O-ring	9971137
43	◆★	1	O-ring	9974165
46		1	Sticker WAGNER	0369804
47		2	Threaded plug	9998675
49		1	Washer	9925034
50		4	Hexagon screw	9907137

◆ = Wearing parts

★ = Included in service set

Spare parts list Air motor Jaguar				JAGUAR ø220mm H150mm ø8.7in/56in
Pos	K	Qty.	Description	No.
51		1	Hexagon nut	9910605
52		4	Washer	9920106
53		2	Washer	0369303
54		7	Screw SFS	9907125
55		3	Cap head screw	9900314
56		3	Washer	9925029
57	◆★	1	Seal ring	9970149
58		1	Base	9952668
59		1	Clamping strap	9952667
60		1	Cap head screw	9900701
61		1	Spring washer	9921505
62		4	Cap head screw	9907078
63	◆★	1	O-ring	3051679
64	◆★	1	O-ring	9971092
65	◆★	2	O-ring	9971009
66	◆★	2	Seal ring	9974135
67	◆	1	Pressure gauge	9998725
71		1	Sticker Ice Breaker	0367806
72		1	Warning sign	0367807
74	◆	1	Detent body	0369027

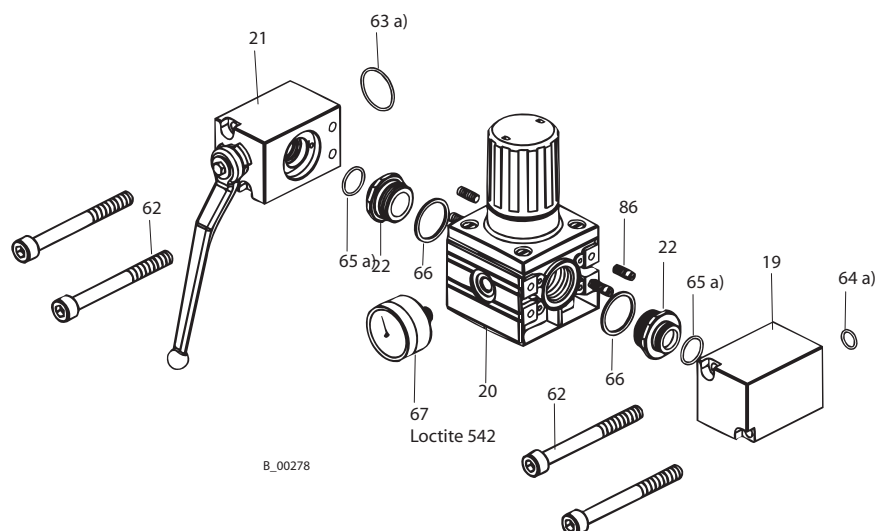
◆ = Wearing parts

★ = Included in service set

Spare parts list Air motor Jaguar				JAGUAR ø220mm H150mm ø8.7in/56in
Pos	K	Qty.	Description	No.
75		1	Rod seal profile E5	9974124
76		2	Angled connection	9992757
77		1	Connection T	9992758
78		4	Washer	9920102
79		4	Cap head screw	9900313
80		2	Washer	9925031
81		1	Ring nut	0369325
82		1	Shoulder ring	0369324
83		1	Hexagon screw	9900150
84	◆★	1	O-ring	9974134
85		1	Air pipe	0369306
86		2	Thread Pin	9907172
87	◆	3	O-ring	9971004
88		2	Damping washer	0369304
89		1	Control flange	0369317
90		1	Air hose rear ET	0369026
91		1	Air hose front ET	0369025
92		1	Stop space 9	0369326
93	◆	2	Sound absorber ISO3	0369329
94	◆	1	Spool and sleeve assembly ISO3	9943131
95	◆	1	Velcro fastener adhesive part	9999151
96	◆	1	Velcro fastener coating part	9999152
97		1	Adhesive	9992816
98	◆	1	O-ring Viton B	9971372
103	◆	1	Sound absorbing mat 9/12"	0369330
			Loctite 222 50ml; 50cc	9992590
			Molykote paste	9992616
			Grease Beacon	9998808
			Loctite 243 50ml; 50cc	9992511
			Loctite 542 50ml; 50cc	9992831
			Service set	0369987

◆ = Wearing parts

★ = Included in service set

8.3.4 REGULATOR FOR AIR JAGUAR

			JAGUAR ø220mm H150mm ø8.7in/S6in
Pos	Qty.	Description	No.
	1	Pressure regulator compl	0369060
	1	Wear parts set for pos. 20	0115969

**! WARNING****Incorrect maintenance/repair!**

Risk of injury and damage to the equipment.

- Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center.
- Before all work on the unit and in the event of work interruptions:
 - Switch off the energy/compressed air supply.
 - Relieve the pressure from the spray gun and unit.
 - Secure the spray gun against actuation.
- Observe the operating and service instructions when carrying out all work.

8.4 MATERIAL PUMP**8.4.1 MATERIAL PUMP 40 CCM**

	 WARNING
	Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

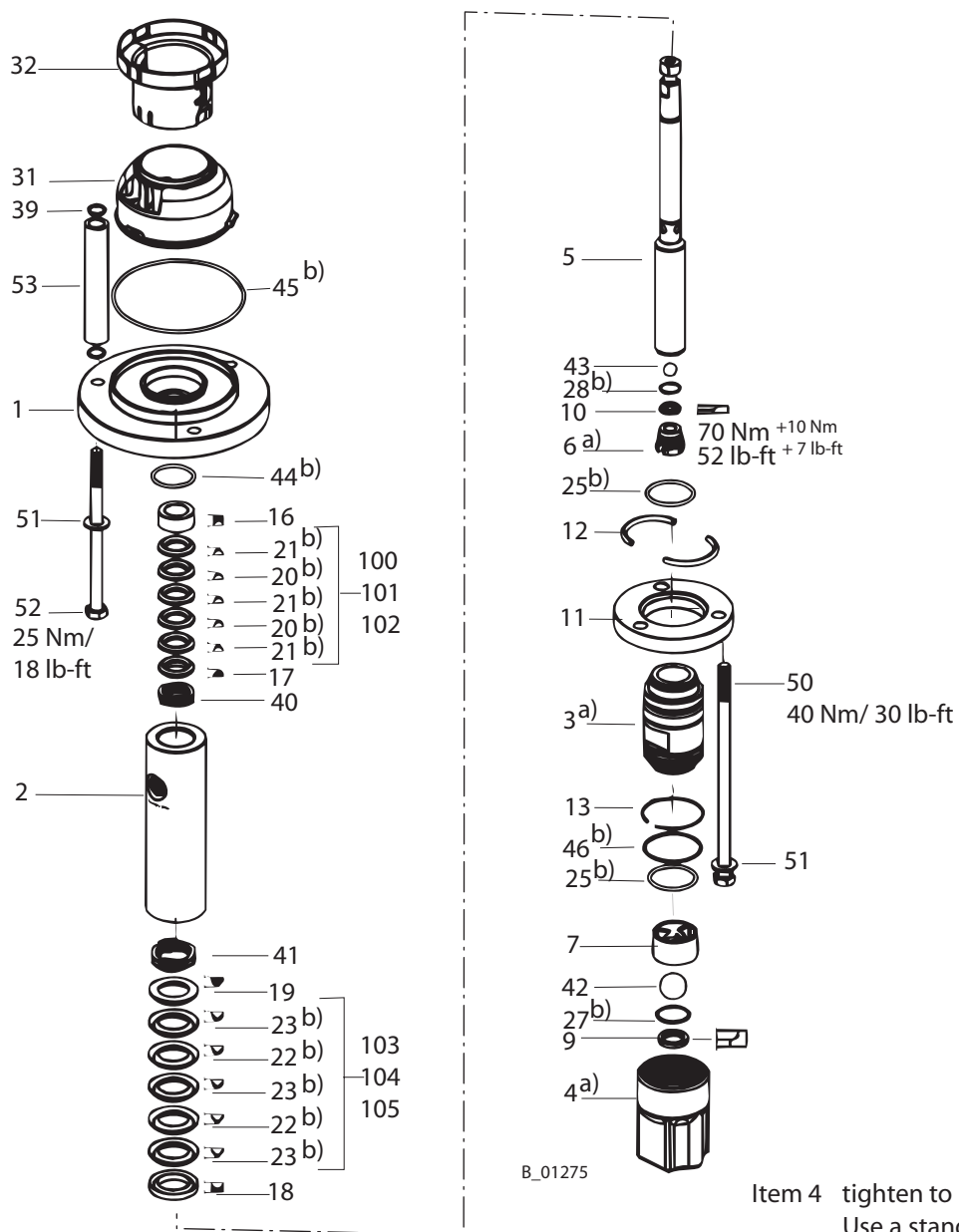
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Spare parts list Material pump				40 cm ³ PE/TG	40 cm ³ PE/L	40 cm ³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
			Material pump	0367070	-	0367072
1		1	Connection flange		0367501	
2		1	Tube		0367502	
3		1	Cylinder		0367503	
4		1	Inlet housing		0367504	
5	◆	1	Piston		0367505	
6		1	Valve screw		0367506	
7	◆★	1	Ball guide, inlet		0367507	
9	◆	1	Valve seat, inlet		0367509	
10	◆	1	Valve seat, outlet		0367510	
11		1	Snap ring flange		0367511	
12		2	Snap ring half		0367512	
13		1	Securing ring		0367513	
16		1	Support ring		0367516	
17		1	Compression ring		0367517	
18		1	Support ring		0367518	
19		1	Compression ring		0367519	

◆ = Wearing parts

★ = Included in service set

● = Special accessory



B_01275

- a) Paint on with anti-sieze paste
- b) Paint on a small amount of grease

Spare parts list Material pump				40 cm³ PE/TG	40 cm³ PE/L	40 cm³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
100	◆		Packing PE/TG cpl. (small)	0115805		
101	◆		Packing PE/T cpl. (small)			0123219
102	◆		Packing PE/L cpl. (small)		0115826	
20	◆★	2	Packing TG (small)	0123398		
20	◆	2	Packing T (small)			0123426
20	◆	2	Packing L (small)		0123402	
21	◆★	3	Packing PE (small)	0123427		
103	◆		Packing PE/TG cpl. (large)	0367991		
104	◆		Packing PE/T cpl. (large)			0367992
105	◆		Packing PE/L cpl. (large)		0367993	
22	◆★	2	Packing TG (large)	0367522		
22	◆	2	Packing T (large)			0367900
22	◆	2	Packing L (large)		0367922	
23	◆★	3	Packing PE (large)	0367523		
25	◆★	2	O-ring		0367525	
27	◆★	1	O-ring		0367527	
28	◆★	1	O-ring		0367528	
31	◆	1	Separating fluid cup		0367531	
32	◆	2	Coupling cover		0367532	
39	◆★	6	O-ring		9974089	
40	◆★	1	Wave spring (small)		9998669	
41	◆★	1	Wave spring (large)		9998670	
42	◆★	1	Ball (large)		9941513	
43	◆★	1	Ball (small)		9941518	
44	◆★	1	O-ring		9974094	
45	◆★	1	O-ring		9974093	
46	◆★	1	O-ring		9974106	
50		3	Hexagon screw		9907124	
51		6	Washer		9920106	
52		3	Hexagon screw		9900225	
53		3	Connecting pipe		0367306	
		1	Service set PE/TG	0367990		
		1	Service set PE/T			0367994

◆ = Wearing parts

★ = Included in service set

● = Special accessory

8.4.2 MATERIAL PUMPS 70 CCM

	 WARNING
	Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

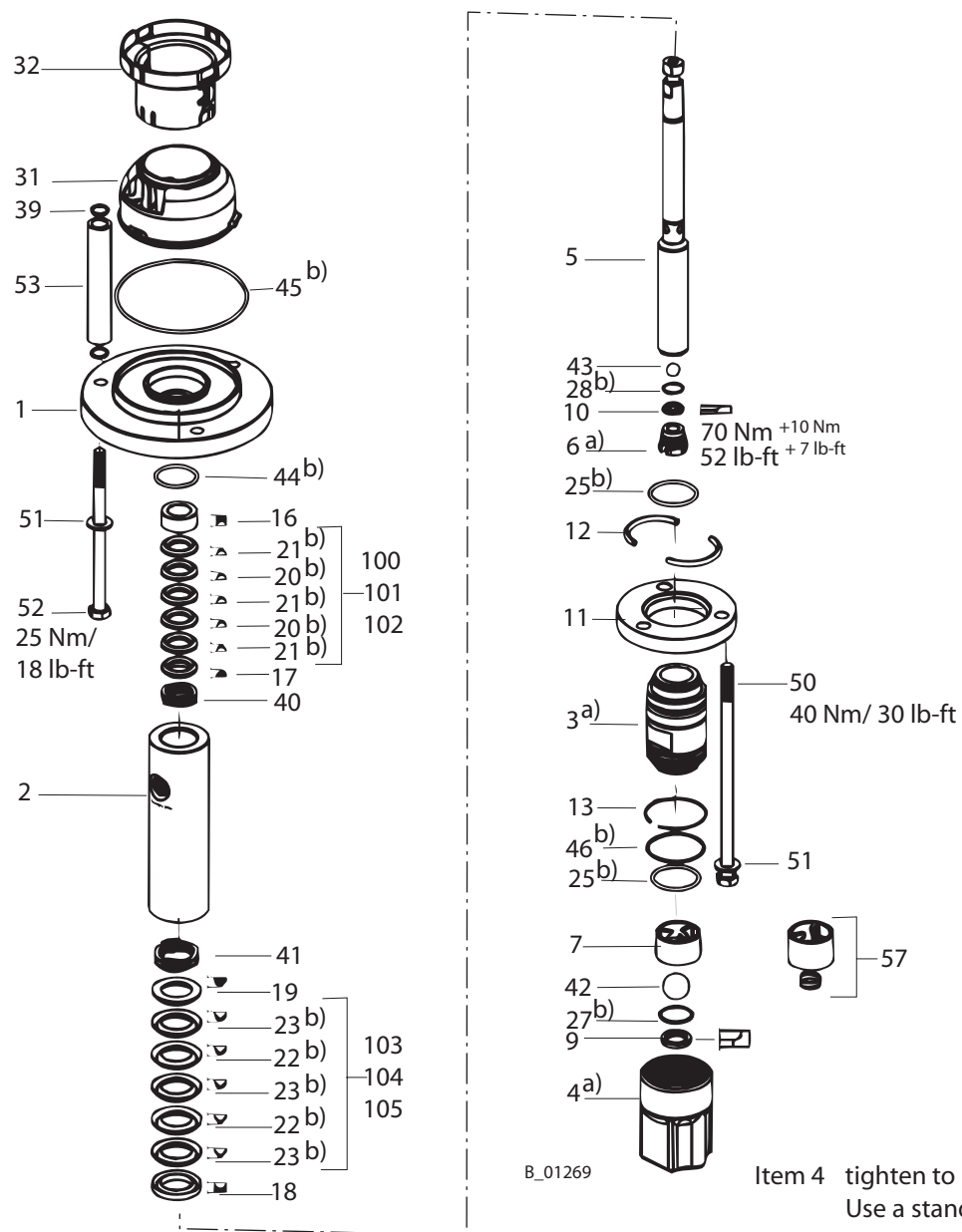
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Spare parts list Material pump				70 cm ³ PE/TG	70 cm ³ PE/L	70 cm ³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
			Material pump	0368070	-	0368019
1		1	Connection flange		0368501	
2		1	Tube		0368502	
3		1	Cylinder		0368503	
4		1	Inlet housing		0368504	
5	◆	1	Piston		0368505	
6		1	Valve screw		0368506	
7	◆★	1	Ball guide, inlet		0368507	
9	◆	1	Valve seat, inlet		0368509	
10	◆	1	Valve seat, outlet		0368510	
11		1	Snap ring flange		0368511	
12		2	Snap ring half		0368512	
13		1	Securing ring		0368513	
16		1	Support ring		0368516	
17		1	Compression ring		0367519	
18		1	Support ring		0368518	
19		1	Compression ring		0368519	
100	◆		Packing PE/TG cpl. (small)	0367991		
101	◆		Packing PE/T cpl. (small)			0367992
102	◆		Packing PE/L cpl. (small)		0367993	
20	◆★	2	Packing TG (small)	0367522		.

◆ = Wearing parts

★ = Included in service set

● = Special accessory



- a) Paint on with anti-sieze paste
 b) Paint on a small amount of grease

Spare parts list Material pump				70 cm³ PE/TG	70 cm³ PE/L	70 cm³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
20	◆	2	Packing T (small)			0367900
20	◆	2	Packing L (small)		0367922	
21	◆★	3	Packing PE (small)	0367523		
103	◆		Packing PE/TG cpl. (large)	0368991		
104	◆		Packing PE/T cpl. (large)			0368992
105	◆		Packing PE/L cpl. (large)		0368993	
22	◆★	2	Packing TG (large)	0368522		
22	◆	2	Packing T (large)			0368900
22	◆	2	Packing L (large)		0368922	
23	◆★	3	Packing PE (large)	0368523		
25	◆★	2	O-ring	0368525		
27	◆★	1	O-ring	0368527		
28	◆★	1	O-ring	0368528		
31	◆	1	Separating fluid cup	0367531		
32	◆	2	Coupling cover	0367532		
39	◆★	6	O-ring	9974089		
40	◆★	1	Wave spring (small)	9998670		
41	◆★	1	Wave spring (large)	9998671		
42	◆★	1	Ball (large)	9943082		
43	◆★	1	Ball (small)	9941512		
44	◆★	1	O-ring	9974092		
45	◆★	1	O-ring	9974093		
46	◆★	1	O-ring	9974107		
50		3	Hexagon screw	9907124		
51		6	Washer	9920106		
52		3	Hexagon screw	9900225		
53		3	Connecting pipe	0367306		
57	●	3	Ball guide for high viscosity materials	0369926		
		1	Service set PE/TG	0368990		
		1	Service set PE/T			0368994

◆ = Wearing parts

★ = Included in service set

● = Special accessory

8.4.3 MATERIAL PUMPS 150 CCM

	 WARNING
	Incorrect maintenance/repair! Risk of injury and damage to the equipment. → Repairs and part replacement may only be carried out by specially trained staff or a WAGNER service center. → Before all work on the unit and in the event of work interruptions: - Switch off the energy/compressed air supply. - Relieve the pressure from the spray gun and unit. - Secure the spray gun against actuation. → Observe the operating and service instructions when carrying out all work.

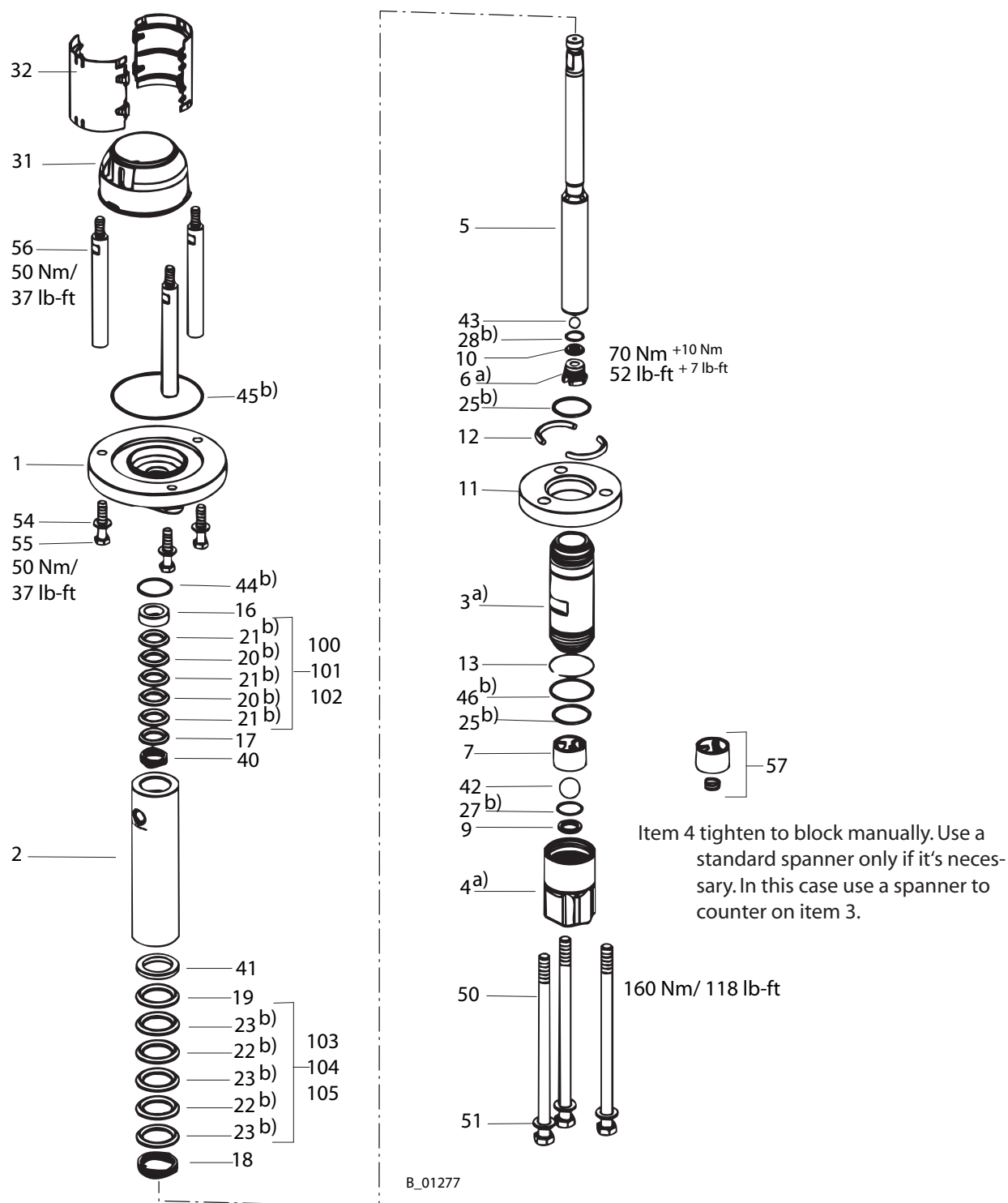
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Spare parts list Material pump				150 cm ³ PE/TG	150 cm ³ PE/L	150 cm ³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
			Material pump	0368071	0368072	0368073
1		1	Connection flange		0368551	
2		1	Tube		0368552	
3		1	Cylinder		0368553	
4		1	Inlet housing		0368554	
5	◆	1	Piston		0368555	
6		1	Valve screw		0368506	
7	◆★	1	Ball guide, inlet		0368507	
9	◆	1	Valve seat, inlet		0368509	
10	◆	1	Valve seat, outlet		0368510	
11		1	Snap ring flange		0368561	
12		2	Snap ring half		0368512	
13		1	Securing ring		0368513	
16		1	Support ring		0368516	
17		1	Compression ring		0367519	
18		1	Support ring		0368518	
19		1	Compression ring		0368519	
100	◆		Packing PE/TG cpl. (small)	0367991		
101	◆		Packing PE/T cpl. (small)	-		0367992

◆ = Wearing parts

★ = Included in service set

● = Special accessory



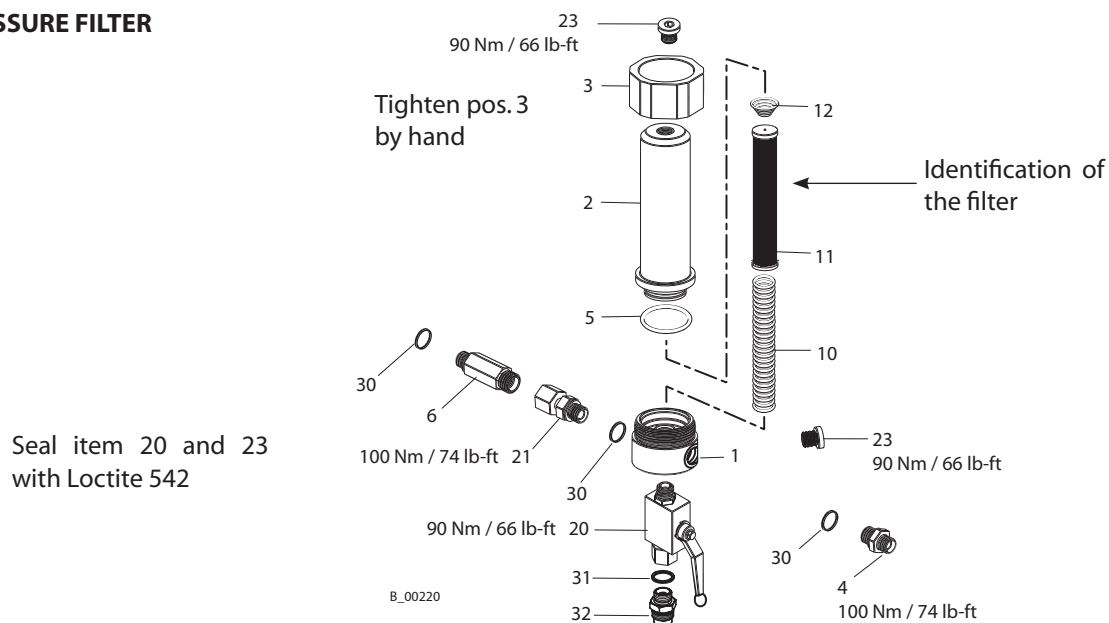
- a) Paint on with anti-sieze paste
b) Paint on a small amount of grease

Spare parts list Material pump				150 cm³ PE/TG	150 cm³ PE/L	150 cm³ PE/T
Pos	K	Qty.	Description	No.	No.	No.
102	◆		Packing PE/L cpl. (small)		0367993	
20	◆★	2	Packing TG (small)	0367522		
20	◆	2	Packing T (small)			0367900
20	◆	2	Packing L (small)		0367922	
21	◆★	3	Packing PE (small)	0367523		
103	◆		Packing PE/TG cpl. (large)	0368991		
104	◆		Packing PE/T cpl. (large)			0368992
105	◆		Packing PE/L cpl. (large)		0368993	
22	◆★	2	Packing TG (large)	0368522		
22	◆	2	Packing T (large)			0368900
22	◆	2	Packing L (large)		0368922	
23	◆★	3	Packing PE (large)	0368523		
25	◆★	2	O-ring	0368525		
27	◆★	1	O-ring	0368527		
28	◆★	1	O-ring	0368528		
31	◆	1	Separating fluid cup	0368531		
32	◆	2	Coupling cover	0368532		
40	◆★	1	Wave spring (small)	9998670		
41	◆★	1	Wave spring (large)	9998671		
42	◆★	1	Ball (large)	9943082		
43	◆★	1	Ball (small)	9941512		
44	◆★	1	O-ring	9974092		
45	◆★	1	O-ring	9974116		
46	◆★	1	O-ring	9974107		
50		3	Hexagon screw	9907142		
51		3	Washer	9925011		
54		3	Washer	9920107		
55		3	Hexagon screw	9900157		
56		3	Threaded bolt	0368533		
57	●	3	Ball guide for high viscosity materials	0369926		
		1	Service set PE/TG	0368990		
		1	Service set PE/T			0368994

◆ = Wearing parts

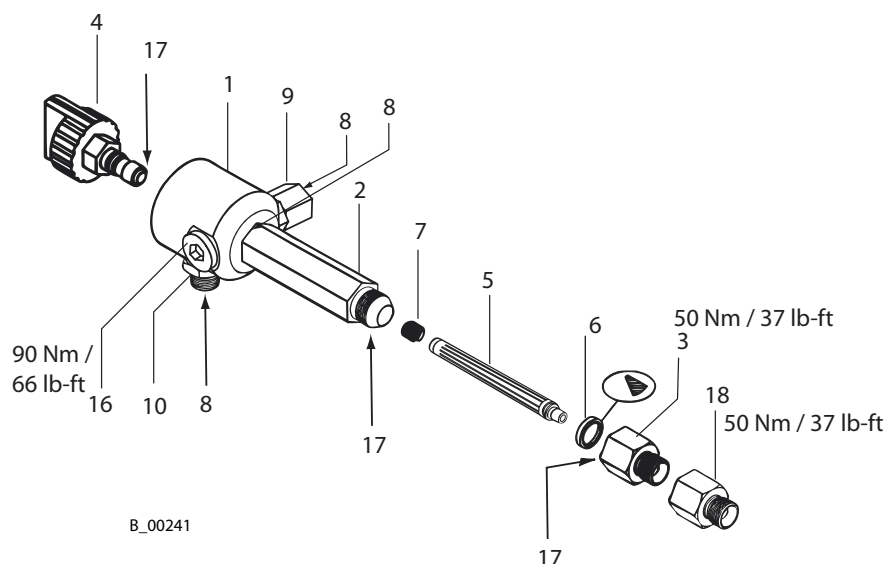
★ = Included in service set

● = Special accessory

8.5 HIGH-PRESSURE FILTER

Pos	K	Qty.	No.	Description
			0367010	High-pressure filter (metric)
			0367111	High-pressure filter (NPSM)
1		1	0367910	Distribution housing
2		1	0367911	Filter housing
3		1	0367912	Outer nut
4		1	0367913	Double socket (metric)
4		1	0367555	Double socket (NPSM)
5	◆	1	0367914	O-ring
6		1	0367916	Threaded fitting
10		1	9894245	Filter support
11	◆	1	–	Filter cartridges *
			0295721	* Filter cartridge 200
			3514068	* Filter cartridge 100
			3514069	* Filter cartridge 50
			0291564	* Filter cartridge 20
12	◆	1	3514058	Cone spring
20	◆	1	9998679	Ball valve, galvanized Steel
20a	◆	1	9999159	Ball valve, Stainless steel
21		1	9998680	Screwed connecting piece
23		2	9907127	Sealing screw
30	◆	3	9925024	Seal ring
31	◆	1	9974111	Seal ring
32		1	0367962	Double nipple G 3/8"-M20x2

◆ = Wearing parts

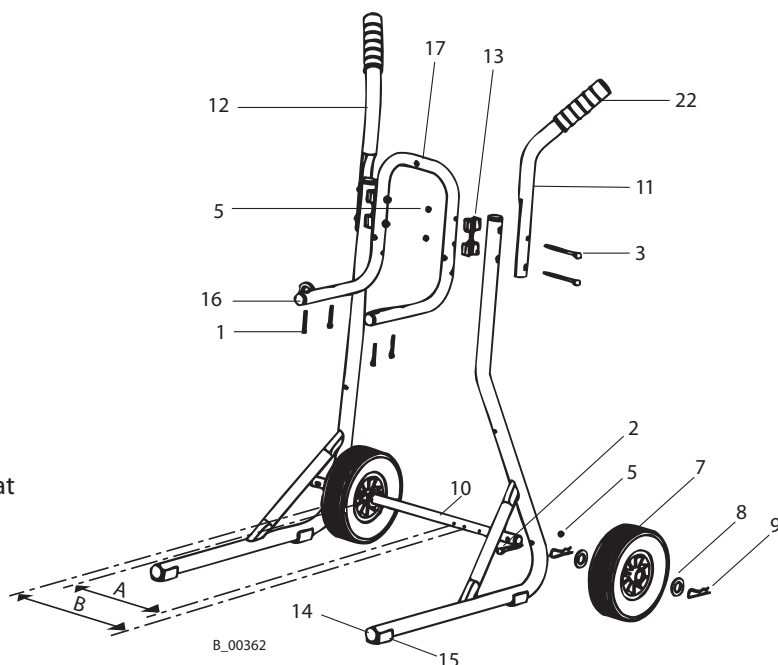
8.6 FILTER-RELIEF COMBINATION

Pos	K	Qty.	No.	Description
			0367025	Combination (metric)
			0367125	Combination (NPSM)
1		1	0115199	Release housing
2		1	0123469	Filter housing
3		1	0123470	Filter location
4 ♦		1	0169248	Relief valve
5 ♦		1	–	Filter cartridge*
			0034383	* 200 mesh (red)
			0043235	* 100 mesh (yellow) (standard)
			0034377	* 50 mesh (white)
			0089323	* 30 mesh (green)
6 ♦		1	0043303	Handle sealing washer
7 ♦		1	0043590	Pressure spring
8 ♦		3	9971525	U-Seal
9		1	0117206	Swivel, assy.
10		1	0123510	Double socket
16		1	9904312	Sealing screw
17			9992609	Anti-seize paste
18			0384555	Connector (NPSM)

♦ = Wearing parts

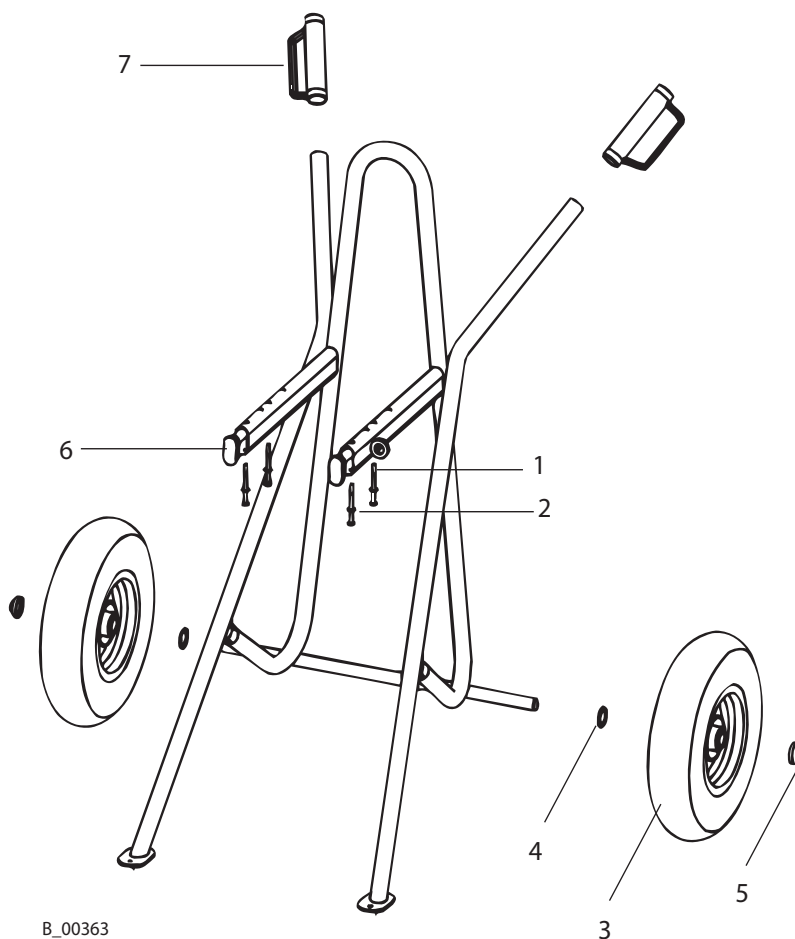
8.7 CARRIAGE

Distance
A = Puma/Wildcat
B = Leopard



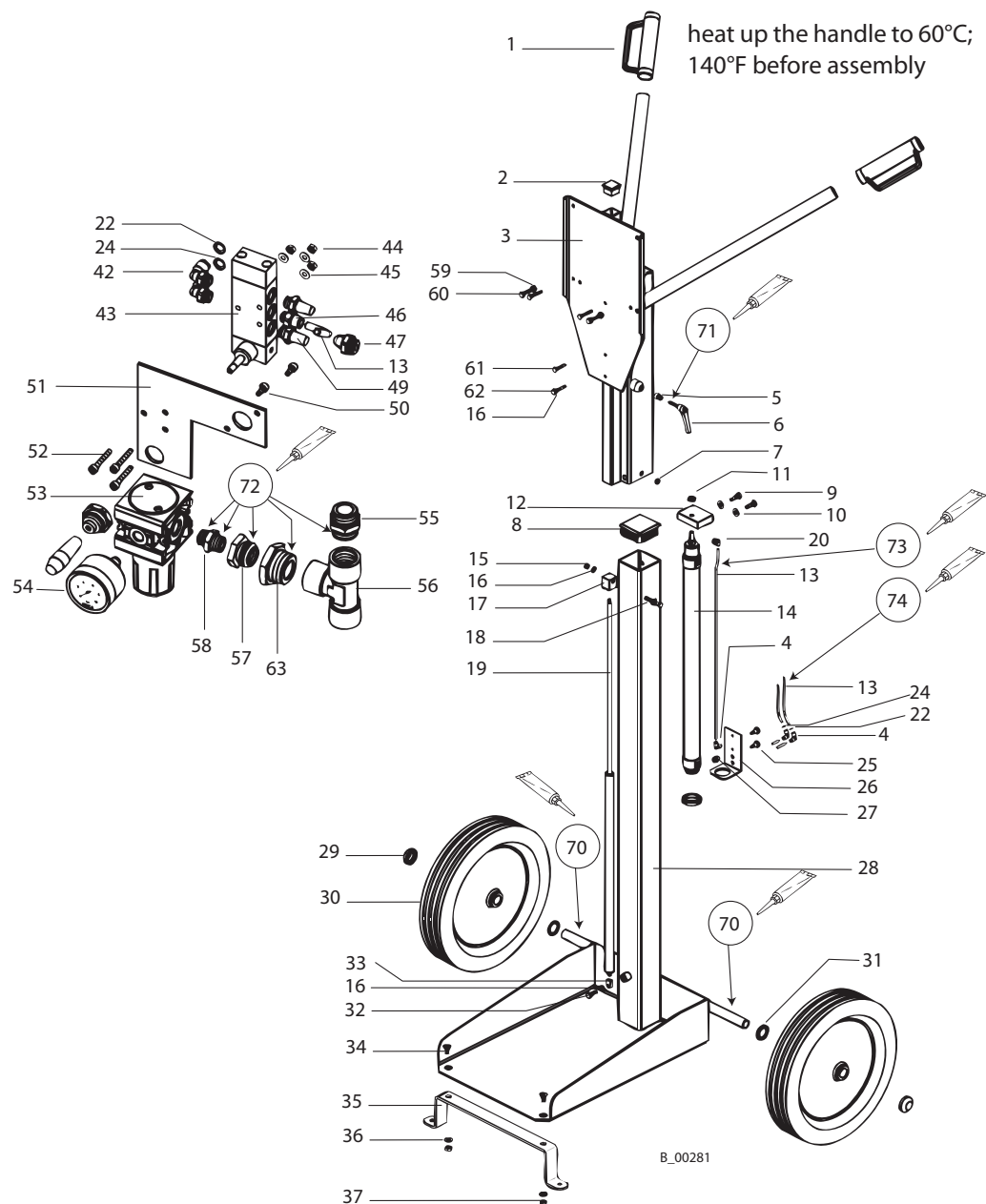
Pos	K	Qty.	Description	No. (Wildcat)	No. (Puma)	No. (Leopard)
1		4	Hexagon screw DIN931 M6x..	9900218	9900218	9900126
2		2	Hexagon screw DIN933 M6x55	9907045	9907045	9907045
3		4	Hexagon screw DIN931 M6x..	9907140	9907140	9907134
5		6	Hexagon nut with clamp M6	9910204	9910204	9910204
7	◆	2	Wheel	9994957	9994957	9994957
8		4	Washer	0340372	0340372	0340372
9		4	Spring pin	9995302	9995302	9995302
10	◆	1	Wheel axle	0367945	0367945	0367945
11		1	Handle left	0367946	0367946	0367946
12		1	Handle right	0367947	0367947	0367947
13	◆	2	Connection part	0367943	0367943	0367943
14	◆	2	Tube plug ribbed	9990812	9990812	9990812
15	◆	2	Saddle feet for round tubes	9998685	9998685	9998685
16		2	Plug	9998687	9998687	9990861
17		1	Mounting for wall	0367940	0367940	0368940
22	◆	2	Handle	9998747	9998747	9998747

◆ = Wearing parts

8.8 „HEAVY DUTY“ CARRIAGE

Pos	K	Part-No.	Description	Leopard Qty.	Jaguar Qty.
1		9900151	Hexagon screw M8x80 DIN931	-	4
2		9920102	Washer A8.4 DIN125	-	4
1		9907140	Hexagon screw M6x75 DIN931	4	-
2		9920103	Washer A6.4 DIN125	4	-
3	◆	9998892	Wheel	2	2
4		9998894	Fixed washer	2	2
5		9998895	Washer with plastic house	2	2
6		9998891	Plug black	2	2
7	◆	9998893	Handle with handprotection	2	2

◆ = Wearing parts

8.9 LIFTING TROLLEY PNEUMATIC**Mounting materials**

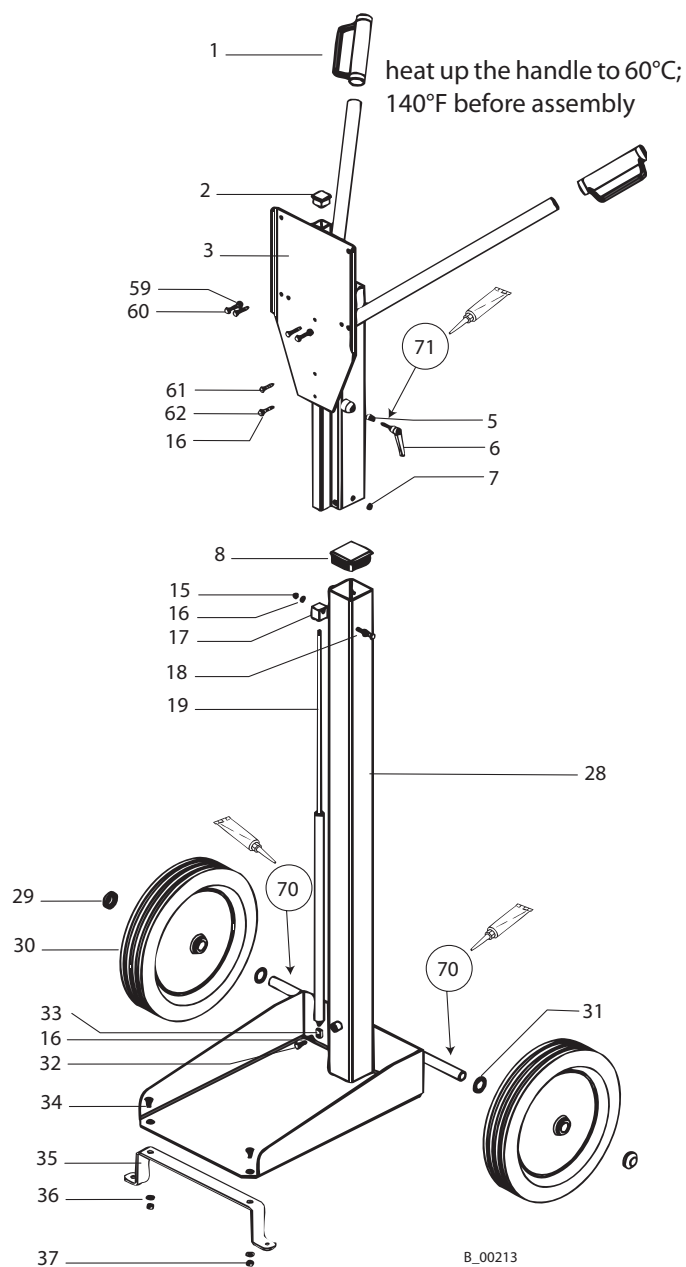
Pos	Qty.	Part-No.	Description
70	1	9998808	Grease Beacon EP2
71	1	9992528	Loctite 270
72	1	9992831	Loctite 542
73	2	9992610	Cable tie
74	3	9950615	Cable tie

Spare parts list Lifting trolley pneumatic				WILDCAT PUMA LEOPARD	JAGUAR 500N	JAGUAR 700N
Pos	K	Qty.	Description	Part-No.	Part-No.	Part-No.
			Lifting trolley pneumatic assy.	0367032	0369032	0369033
1		2	Handle with handprotection black	9998893	9998893	9998893
2		1	Crosshead block	9999007	9999007	9999007
3		1	Lifting gear pneumatic	0369237	0369237	0369237
4		3	Elbow hose connection	9999125	9999125	9999125
5		1	Joint thrust piece	9999008	9999008	9999008
6		1	Clamping lever	9998230	9998230	9998230
7	◆	14	Sliding plug	0369706	0369706	0369706
8		1	Crosshead block	9998232	9998232	9998232
9		2	Hexagon screw	9900107	9900107	9900107
10		2	Washer	9920106	9920106	9920106
11		1	Hexagon nut	9911016	9911016	9911016
12		1	Mounting-part	0369732	0369732	0369732
13		1	Hose black 3.4 m; 11.15 ft	9982079	9982079	9982079
14	◆	1	Cylinder	9999388	9999388	9999388
15		1	Hexagon nut with clamp	9910208	9910208	9910208
16		8	Washer	9920102	9920102	9920102
17		1	Block	0369702	0369702	0369702
18		1	Hexagon screw	9900125	9900125	9900125
19	◆	1	Gas pressure spring	9999010	9999010	9994288
20		1	Screwed elbow	9998250	9998250	9998250
22		2	Coding ring red	9998995	9998995	9998995
24		2	Coding ring green	9998994	9998994	9998994
25		2	Bolt	0369724	0369724	0369724
26		1	Angle	0369723	0369723	0369723
27		1	Screwed connecting piece, straight	9998255	9998255	9998255
28		1	Trolley rack pneumatic	0369236	0369236	0369236
29		2	Washer with plastic house	9998895	9998895	9998895
30		2	Wheel cpl.	9994922	9994922	9994922
31		2	Fixed washer	9998894	9998894	9998894
32		1	Hexagon screw	9900109	9900109	9900109
33		1	Joint eye on pipe	9999009	9999009	9999009
34		2	Countersunk screw	9907183	9907183	9907183
35		1	Stand base	0369713	0369713	0369713

◆ = Wearing part

Spare parts list Lifting trolley pneumatic				WILDCAT PUMA LEOPARD	JAGUAR 500N	JAGUAR 700N
Pos	K	Qty.	Description	Part-No.	Part-No.	Part-No.
36		2	Washer	9920106	9920106	9920106
37		2	Hexagon nut	9910105	9910105	9910105
42		2	Screwed elbow	9998110	9998110	9998110
43	◆	1	Way valve	9943120	9943120	9943120
44		3	Hexagon nut	9910108	9910108	9910108
45		3	Washer	9920104	9920104	9920104
46		1	Screwed connecting piece, straight	9998090	9998090	9998090
47		1	Screwed elbow	9998250	9998250	9998250
49		2	Sound absorber	9991761	9991761	9991761
50		2	Cap head screw	9900334	9900334	9900334
51		1	Mounting sheet	0369721	0369721	0369721
52		3	Cap head screw	9900365	9900365	9900365
53	◆	1	Pressure regulator	9998676	9998676	9998676
54	◆	1	Pressure gauge	9998677	9998677	9998677
55		1	Double nipple	9985684	9999128	9999128
56		1	Connection T	9999109	9999126	9999126
57		1	Reducing nipple	9985685	9985685	9985685
58		1	Double nipple	9985720	9985720	9985720
59		2	Hexagon nut	9910107	9910107	9910107
60		2	Hexagon screw	9900123	9900123	9900123
61		1	Hexagon screw	9907195	-	-
62		3	Hexagon screw	9907196	9900130	9900130
63		1	Reducing nipple	-	9999127	9999127

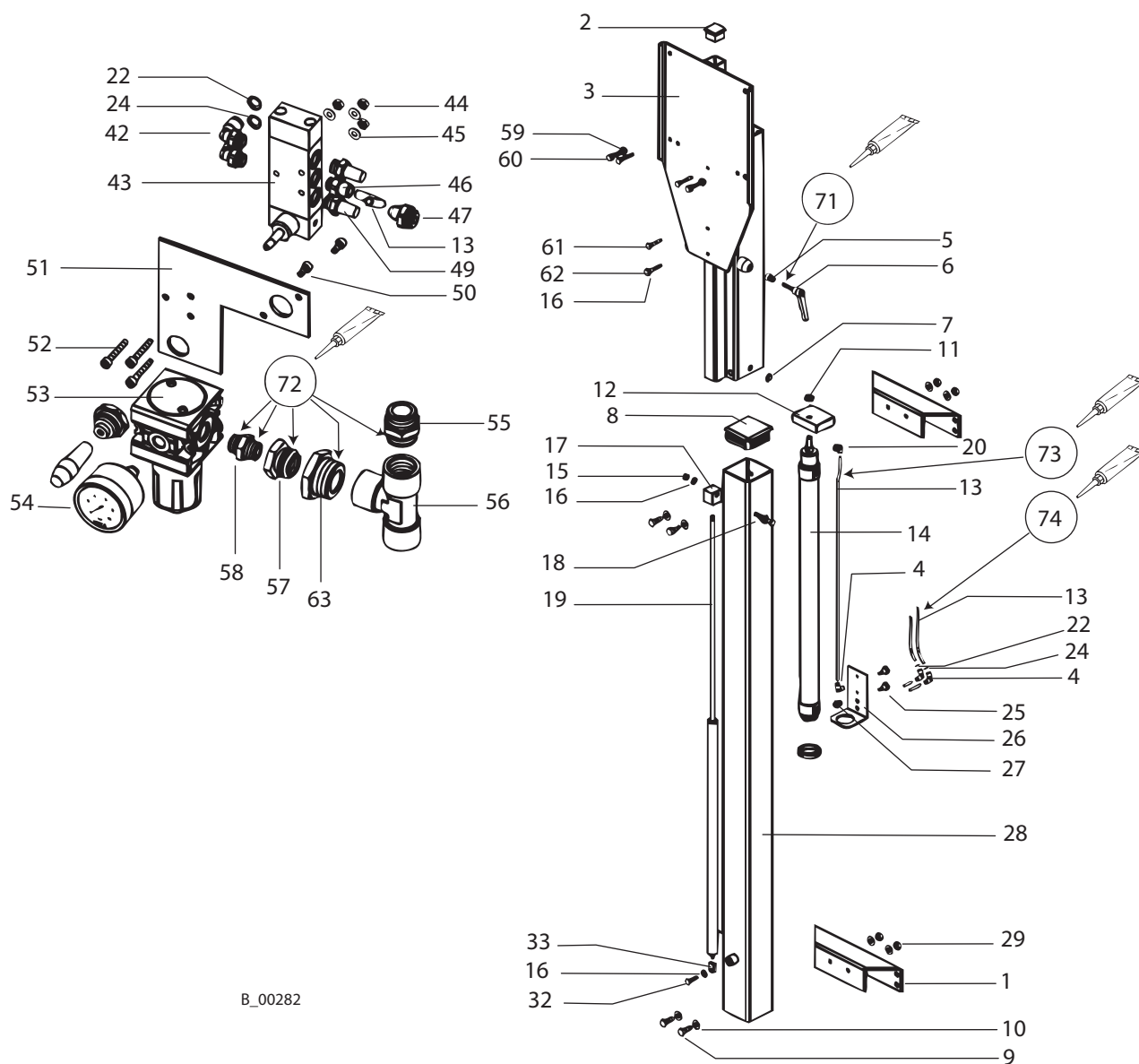
◆ = Wearing part

8.10 LIFTING TROLLEY**Mounting materials**

Pos	Qty.	Part-No.	Description
70	1	9998808	Grease Beacon EP2
71	1	9992528	Loctite 270

Spare parts Lifting trolley				WILDCAT PUMA LEOPARD 35-70 400N	LEOPARD 35-150 500N	JAGUAR 700N
Pos	K	Qty.	Description	Part-No.	Part-No.	Part-No.
			Lifting trolley assy.	0367031	0368032	0369031
1		2	Handle with handprotection black	9998893	9998893	9998893
2		1	Crosshead block	9999007	9999007	9999007
3		1	Lifting gear, welded	0369262	0369262	0369262
5		1	Joint thrust piece	9999008	9999008	9999008
6		1	Clamping lever	9998230	9998230	9998230
7	◆	14	Sliding plug	0369706	0369706	0369706
8		1	Crosshead block	9998232	9998232	9998232
15		1	Hexagon nut with clamp	9910208	9910208	9910208
16		8	Washer	9920102	9920102	9920102
17		1	Block	0369702	0369702	0369702
18		1	Hexagon screw	9900125	9900125	9900125
19	◆	1	Gas pressure spring	9994303	9999010	9994288
28		1	Trolley rack	0369261	0369261	0369261
29		2	Washer with plastic house	9998895	9998895	9998895
30		2	Wheel cpl.	9994922	9994922	9994922
31		2	Fixed washer	9998894	9998894	9998894
32		1	Hexagon screw	9900109	9900109	9900109
33		1	Joint eye on pipe	9999009	9999009	9999009
34		2	Countersunk screw	9907183	9907183	9907183
35		1	Stand base	0369713	0369713	0369713
36		2	Washer	9920106	9920106	9920106
37		2	Hexagon nut M10	9910105	9910105	9910105
59		2	Hexagon nut M8	9910107	9910107	9910107
60		2	Hexagon screw M8x45	9900123	9900123	-
60		1	Hexagon screw M8x45	-	-	9900123
61		1	Hexagon screw M8x35	9907195	-	-
62		3	Hexagon screw M8x40	9907196	-	-
62		1	Hexagon screw M8x40	-	9907196	-
62		2	Hexagon screw M8x55	-	-	9900130

◆ = Wearing part

8.11 WALL LIFTING GEAR PNEUMATIC

B_00282

Mounting materials

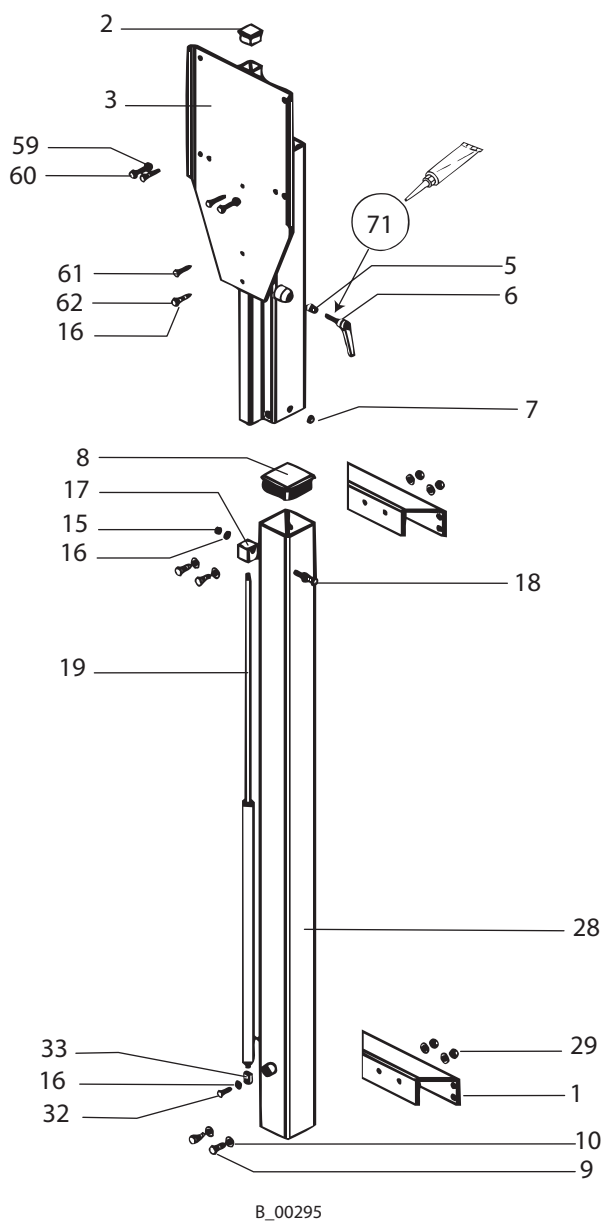
Pos	Qty.	Part-No.	Description
71	1	9992528	Loctite 270
72	1	9992831	Loctite 542
73	2	9992610	Cable tie
74	3	9950615	Cable tie

Spare parts list Wall lifting gear pneumatic				WILDCAT PUMA LEOPARD	JAGUAR 500N	JAGUAR 700N
Pos	K	Qty.	Description	Part-No.	Part-No.	Part-No.
			Wall lifting gear pneumatic assy	0367036	0369036	0369037
1		2	Mounting bracket	0369712	0369712	0369712
2		1	Crosshead block	9999007	9999007	9999007
3		1	Wall lifting gear pneumatic welded	0369241	0369241	0369241
4		3	Elbow hose connection	9999125	9999125	9999125
5		1	Joint thrust piece	9999008	9999008	9999008
6		1	Clamping lever	9998230	9998230	9998230
7	◆	14	Sliding plug	0369706	0369706	0369706
8		1	Crosshead block	9998232	9998232	9998232
9		4	Hexagon screw	9900107	9900107	9900107
10		8	Washer	9920106	9920106	9920106
11		1	Hexagon nut	9911016	9911016	9911016
12		1	Mounting-part	0369732	0369732	0369732
13		1	Hose black 3.4m; 11.15ft	9982079	9982079	9982079
14	◆	1	Cylinder	9999388	9999388	9999388
15		1	Hexagon nut with clamp	9910208	9910208	9910208
16		8	Washer	9920102	9920102	9920102
17		1	Block	0369702	0369702	0369702
18		1	Hexagon screw	9900125	9900125	9900125
19	◆	1	Gas pressure spring	9999010	9999010	9994288
20		1	Screwed elbow	9998250	9998250	9998250
22		2	Coding ring red	9998995	9998995	9998995
24		2	Coding ring green	9998994	9998994	9998994
25		2	Bolt	0369724	0369724	0369724
26		1	Angle	0369723	0369723	0369723
27		1	Screwed connecting piece, straight	9998255	9998255	9998255
28		1	Profile1 Wall pneumatic cpl.	0369240	0369240	0369240
29		4	Hexagon nut	9910105	9910105	9910105
32		1	Hexagon screw	9900109	9900109	9900109
33		1	Joint eye on pipe	9999009	9999009	9999009
42		2	Screwed elbow L	9998110	9998110	9998110
43	◆	1	Way valve	9943120	9943120	9943120
44		3	Hexagon nut	9910108	9910108	9910108
45		3	Washer	9920104	9920104	9920104

◆ = Wearing part

Spare parts list Wall lifting gear pneumatic				WILDCAT PUMA LEOPARD	JAGUAR 500N	JAGUAR 700N
Pos	K	Qty.	Description	Part-No.	Part-No.	Part-No.
46		1	Screwed connecting piece, straight	9998090	9998090	9998090
47		1	Screwed elbow	9998250	9998250	9998250
49		2	Sound absorber	9991761	9991761	9991761
50		2	Cap head screw	9900334	9900334	9900334
51		1	Mounting sheet	0369721	0369721	0369721
52		3	Cap head screw	9900365	9900365	9900365
53	◆	1	Pressure regulator	9998676	9998676	9998676
54	◆	1	Pressure gauge	9998677	9998677	9998677
55		1	Double nipple	9985684	9999128	9999128
56		1	Connection	9999109	9999126	9999126
57		1	Reducing nipple	9985685	9985685	9985685
58		1	Double nipple	9985720	9985720	9985720
59		2	Hexagon nut	9910107	9910107	9910107
60		2	Hexagon screw M8x45	9900123	9900123	9900123
61		1	Hexagon screw M8x35	9907195	-	-
62		3	Hexagon screw	9907196	9900130	9900130
63		1	Reducing nipple	-	9999127	9999127

◆ = Wearing part

8.12 WALL LIFTING GEAR**Mounting materials**

Pos	Qty.	Part-No.	Description
71	1	9992528	Loctite 270

Spare parts list Wall lifting gear				WILDCAT PUMA LEOPARD 35-70 400N	LEOPARD 35-150 500N	JAGUAR 75-150 700N
Pos.	K	Qty.	Description	Part-No.	Part-No.	Part-No.
			Wall lifting gear assy.	0367035	0368036	0369035
1		2	mounting bracket	0369712	0369712	0369712
2		1	Crosshead block	9999007	9999007	9999007
3		1	Lifting gear welded	0369265	0369265	0369265
5		1	Joint thrust piece	9999008	9999008	9999008
6		1	Clamping lever	9998230	9998230	9998230
7	◆	14	Sliding plug	0369706	0369706	0369706
8		1	Crosshead block	9998232	9998232	9998232
9		4	Hexagon screw M10x25	9900107	9900107	9900107
10		8	Washer A10.5	9920106	9920106	9920106
15		1	Hexagon nut with clamp	9910208	9910208	9910208
16		8	Washer	9920102	9920102	9920102
17		1	Block	0369702	0369702	0369702
18		1	Hexagon screw	9900125	9900125	9900125
19	◆	1	Gas pressure spring	9994303	9999010	9994288
28		1	Profile 1 Wall cpl.	0369268	0369268	0369268
29		4	Hexagon nut M10	9910105	9910105	9910105
32		1	Hexagon screw M8x25	9900109	9900109	9900109
33		1	Joint eye on pipe	9999009	9999009	9999009
59		2	Hexagon nut M8	9910107	9910107	9910107
60		2	Hexagon screw M8x45	9900123	9900123	-
60		1	Hexagon screw M8x45	-	-	9900123
61		1	Hexagon screw M8x35	9907195	-	-
62		3	Hexagon screw M8x40	9907196	-	-
62		1	Hexagon screw M8x40	-	9907196	-
62		2	Hexagon screw M8x55	-	-	9900130

◆ = Wearing part

OPERATING MANUAL

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