



(D) Technische Anleitung
Schmiersystem

(GB) Technical Instructions
(USA) Lubricating system

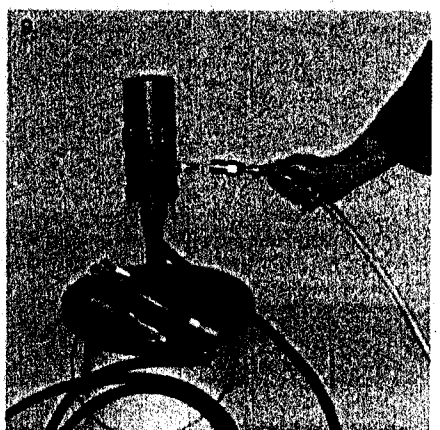
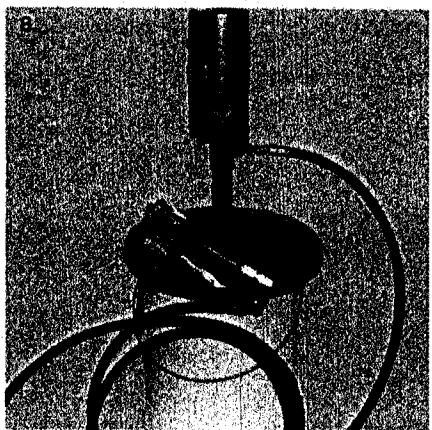
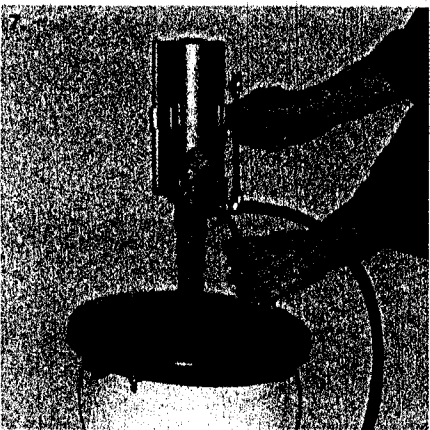
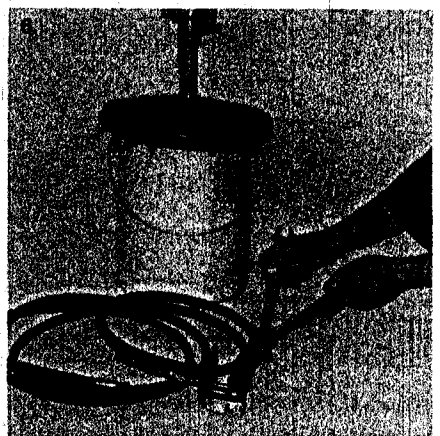
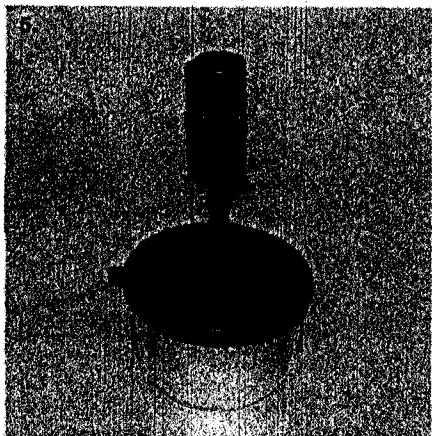
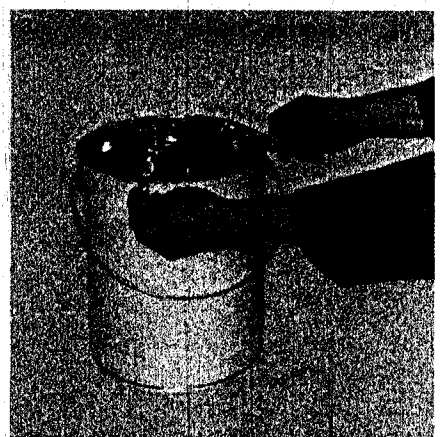
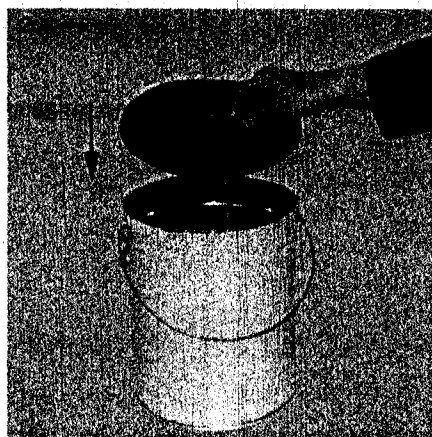
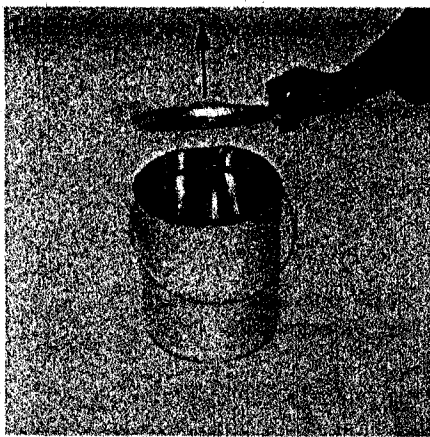
(F) Notice technique d'utilisation
Ensemble de graissage
pneumatique

(I) Istruzioni tecniche
Sistema di grassaggio

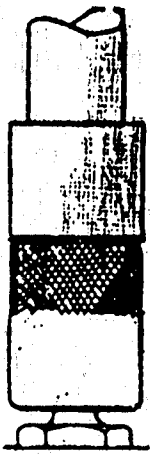
(E) Instrucciones técnicas
Sistema de lubricación

(NL) Technische Gebruiksaanwijzing
Smeersysteem

(S) Instruktion och teknisk data
Smörjutrustning



- D** Normalstellung
- GB**
USA Working position
- F** Position en cours de graissage
- I** Posizione normale
- E** Posicion normal
- NL** Gebruikspositie
- S** Arbetsposition



So wird das Mundstück vom Schmiernippel gelöst:

How to remove coupler from the grease nipple:

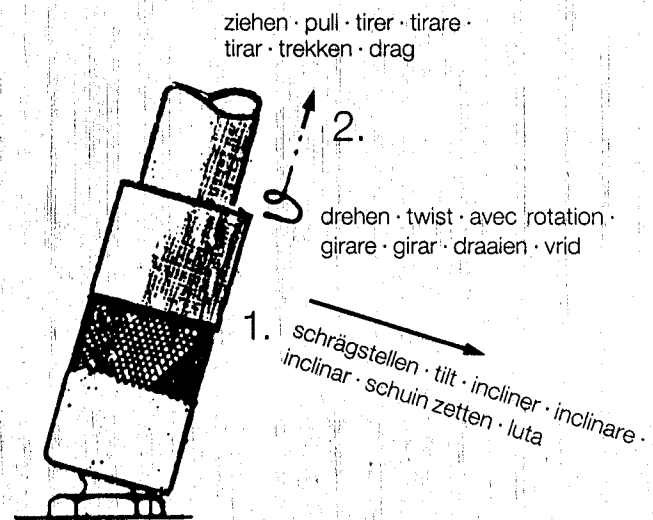
Pour retirer l'agrafe après graissage:

Per togliere la testina dal raccordo di grassaggio:

Como retirar la boquilla del engrasadore:

Zo verwijderd men het mondstuk van de smeernippel:

Borttagande av munstycket ifrån smörjnippeln:



PRESSOL

www.pressol.com

GB Technical instructions 50:1 Pneumatic grease pump

Description

The pump casing is manufactured from diecast zinc with a hardened stainless steel piston rod and high quality durable synthetic control components. The polyurethane or buna N o-rings and washers are designed to meet the operating requirements of the pump.

Technical Data

Transmission ratio	50:1
Maximum air pressure	10 bar
Minimum air pressure	2 bar
Recommended air pressure	8 bar
Stroke volume, motor	220 cm ³
Pump performance at 8 bar (free outlet)	1100 g/min
Pump pressure at 8 bar compressed air	400 bar
Air consumption at 8 bar compressed air	400 l/min
Compressed air supply connection	G 1/4" female
Grease supply connection from the pressure side	G 1/4" male
Noise level on no load, acc. to ISO 9614-2	78 db (A) (2 m distance)

Recommended Applications

Designed to provide a trouble-free performance with lubricants up to NLGI grade 2 and moderate length distribution lines. The delivery performance will vary dependent upon the viscosity and temperature of the lubricant. The pump will also operate in non-vertical installations.

Operating Requirements

To avoid unnecessary damage and to prolong the life expectancy of the pump we recommend that an air line combination filter, regulator and lubricator is utilised to ensure that the compressed air supply is not contaminated and is regulated at the recommended pressure.

New installation lines should be cleaned to avoid any residual metal filings damaging individual components within the pump. When exchanging containers protect the suction tube to avoid dirt particles adhering to the suction tube and contaminating the lubricant in a new container.

Maintenance

The muffler and air inlet filter should be cleaned regularly to maintain the trouble free performance of the pump. If an air line lubricator has not been installed frequently lubricate the pump by inserting 2 to 3 drops of quality oil through the air inlet connector at regular intervals.

Guarantee

Only approved PRESSOL maintenance personnel should open or repair pumps within the guarantee period.

Safety

WARNING! The compressed air line must be disconnected and the grease control gun actuated to ensure that the pump is depressurized before the pump unit is opened or inspected. For safety reasons the compressed air line should be disconnected when the pump is not in use otherwise the pump will remain pressurized.

Troubleshooting

Problem

The air motor runs slowly or not at all.

The air motor is running but the pump is operating too slow or not at all.

The air motor is running but no pressure is generated.

Air escapes from the muffler when the pump is not operating.

Possible cause

The air pressure is too low.

The muffler (pos. 20) or the filter (pos. 11) is obstructed or dirty.

Sleeve (pos. 41) is obstructed or dirty.

The grease container is dented.

Air pockets in the grease.

The viscosity of the grease is too stiff.

Friction loss in the delivery hose.

The o-rings, washers or valves of the pump are damaged or dirty.

The plunger (pos. 5) is damaged.

The o-rings or the distributor seal (pos. 19.6) are damaged.

Solution

Regulate the air supply at a minimum pressure of 3 bar.

Clean the muffler and filter.

Clean the sleeve.

Depress the follower plate past the dented section of the container.

Depress the follower plate compressing the remaining grease in the container. Actuate the grease control gun and reconnect the air supply.

Only use in conjunction with lubricants up to NLGI grade 2, the temperature should not be less than 15 °C.

The delivery hose should be of medium length and the suction tube of the pump inserted centrally in the container.

Clean or replace the relevant components.

Replace the plunger.

Replace the components utilizing the complete repair kit.

Customer Service

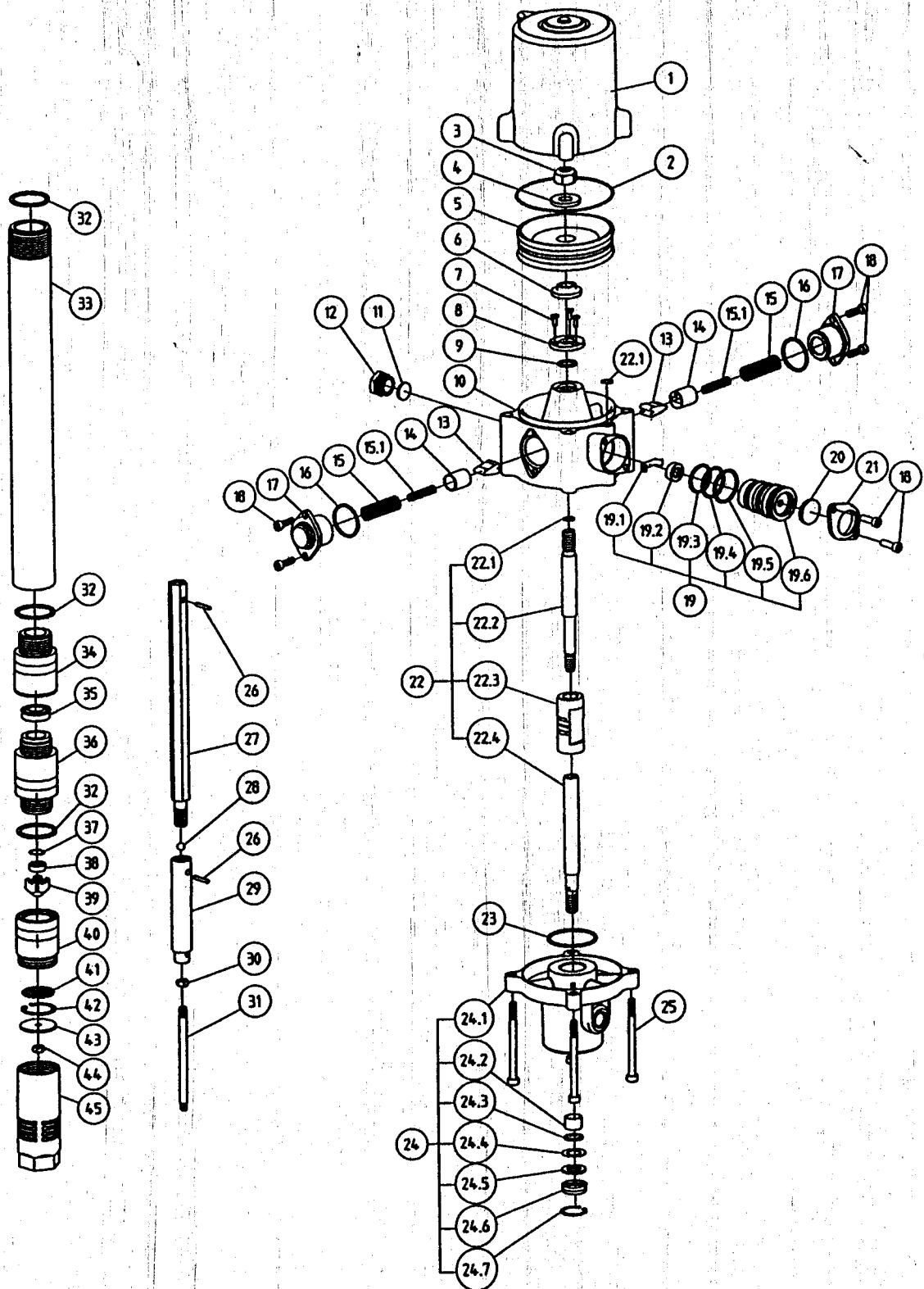
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Ersatzteilliste · Replacement parts list · Liste pièces détachées

Pos. Pos. No.	Art.-Nr. Part No. Réf.	Bezeichnung	Description	Désignation
1	03268	Druckzylinder	Upper casing	Corps de pompe supérieur
2	03316	O-Ring	O-ring	Joint torique
3	03311	Mutter	Locking nut	Ecrou
4	87116	Scheibe	Washer	Rondelle
5	03324	Komplettkolben	Plunger	Piston
6	03250	Ausgleichsscheibe	Compensating washer	Rondelle d'ajustement
7	87221	Schraube	Screw	Vis
8	87212	Scheibe	Washer	Rondelle
9	02380	O-Ring	O-Ring	Joint torique
10	87211	Steuergehäuse	Intermediate casing	Corps distributeur
11	87228	Filterelement	Filter	Filtre
12	03319	Reduzierung	Reducing connector	Réducteur
13	87210	Schalthebel	Control lever	Levier de positionnement
14	87209	Hülse	Sleeve	Cosse
15	87215	Druckfeder	Compression spring	Ressort de poussée
15.1	87804	Druckfeder	Compression spring	Ressort de poussée
16	87223	O-Ring	O-ring	Joint torique
17	87206	Einsatz	Insert	Obturateur
18	87220	Schraube	Screw	Vis
19	87351	Reparatursatz Verteiler	Distributor repair kit	Kit de réparation - Distributeur
19.1	87214	Klammer	Clamp	Agrafe
19.2	87213	Schieberplatte	Sliding disc	Curseur
19.3	87225	O-Ring	O-ring	Joint torique
19.4	87224	O-Ring	O-ring	Joint torique
19.5	87223	O-Ring	O-ring	Joint torique
19.6	87204	Verteiler	Distributor	Distributeur
20	87227	Schalldämpfer	Muffler	Silencieux
21	87207	Käfig	Retainer	Butée
22	87352	Reparatursatz Kolbenstange	Piston rod repair kit	Kit de réparation - Piston
22.1	03262	O-Ring	O-ring	Joint torique
22.2	87205	Kolbenstange	Piston rod	Tige de piston
22.3	87208	Schieber	Slider	Axe mobile
22.4	02840	Kolbenstange	Piston rod	Tige de piston
23	87226	O-Ring	O-ring	Joint torique
24	87355	Reparatursatz Anschlussflansch	Connecting flange repair kit	Kit de réparation - Embase
24.1	87216	Anschlussflansch	Connecting flange	Embase sortie produit
24.2	03307	Gleitlager	Bearing	Bague de guidage
24.3	02380	O-Ring	O-ring	Joint torique
24.4	87262	Scheibe	Washer	Rondelle
24.5	03292	Stützscheibe	Support washer	Rondelle de butée
24.6	03387	Lippenring	Lip washer	Joint à lèvres
24.7	03264	Seeger-Ring	Circlip	Circlip
25	87222	Schraube	Screw	Vis
26	03260	Spannhülse	Locking pin	Goupille
27		Druckstange	Compression rod	Axe hexagonal
	87515	Länge 176 mm	176 mm length	Longueur 176 mm
	87516	Länge 238 mm	238 mm length	Longueur 238 mm
	87517	Länge 376 mm	376 mm length	Longueur 376 mm
	87518	Länge 476 mm	467 mm length	Longueur 476 mm
	87519	Länge 776 mm	776 mm length	Longueur 776 mm
28	03304	Kugel	Ball bearing	Bille
29	87508	Druckkolben	Pressure piston	Piston
30	00808	Mutter	Locking nut	Ecrou
31	87509	Gewindestange	Threaded rod	Tige de liaison - filetée
32	87521	O-Ring	O-ring	Joint torique
33		Hochdruckrohr	Suction tube	Tube plongeur
	87510	Länge 229 mm	229 mm length	Longueur 229 mm
	87511	Länge 291 mm	291 mm length	Longueur 291 mm
	87512	Länge 429 mm	429 mm length	Longueur 429 mm
	87513	Länge 529 mm	529 mm length	Longueur 529 mm
	87514	Länge 829 mm	829 mm length	Longueur 829 mm
34	87507	Adapter	Adapter	Adapteur
35	87522	Lippenring	Lip washer	Joint à lèvres
36	87506	Druckzylinder	Pressure cylinder	Piston
37	03501	Seeger-Ring	Circlip	Circlip
38	00152	Lippenring	Lip washer	Joint à lèvres
39	03477	Ventilkegel	Valve cone	Tête de soupape
40	87505	Ventilkörper	Valve body	Corps de soupape
41	03503	Sieb	Filter	Filtre
42	03328	Seeger-Ring	Circlip	Circlip
43	87528	Schöpfkelle	Washer	Puisoir
44	01085	Mutter	Locking nut	Ecrou
45	87504	Ansaugstutzen	Suction sleeve	Embout d'aspiration





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