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Maintenance - Instructions

for Plunger Packing Kit – BPS 17-0150
for High Pressure Pump – Model 25/41
from “Walter Geraetebau – Germany”

Instructions for Plunger Packing Kit for the High Pressure Pump - Model 25/41 from “Walter Geraetebau - Germany”

Kit # BPS 17-0150

Item#	Part#	Description	Qty.
21	07266	O-Ring	3
22	08059	O-Ring	3
23	12254	V- Sleeve	3
23B	12255	Weep Seal	3
24	08376	Pressure Ring	6

NOTE: O-ring #07266 is larger than o-ring #08059

Part 20A and 22 are used only in pumps with a two-piece seal case, manufactured between 02/2001 & 05/2005

NOTE: Always take time to lubricate all metal and nonmetal parts with a light film of oil before reassembly. This step will ensure proper fit, and at the same time protecting the pumps nonmetal parts (elastomers) from cutting and scoring.

Repair Instructions

- 1) Use a 8mm allen wrench to remove the 8 socket head cap screws (34). Carefully slide the valve casing (25) out over the plungers.
- 2) Remove seal adapter (20A), seal case (20) and weep return rings (25) from the crankcase (1) valve casing (26). Replace o-rings (21 & 22).

3) Remove the pressure rings (24) and v-sleeves (23) from the valve casing (26).

4) Remove the grooved weep seals (23B) together with the pressure ring out of the seal case (20). Replace pressure ring and weep seal.

Important! The new grooved seal (23) on the high pressure side is to be fitted carefully into the valve casing (26), using a screw driver. Under no circumstances must the seal surface in the valve casing or the seal lip be damaged.

5) After installation of high pressure seals (23) place the seal adapter (20A) and seal case (20) with weep seals & pressure ring over plunger assembly (16) and seat firmly. Next place the weep return ring (25) and high pressure weep return ring (24) over plungers. Slide valve casing over plungers and seat firmly. Replace the 8 socket head cap screws (34) and tighten to 30 lb-ft (40 Nm) in a crossing pattern.

