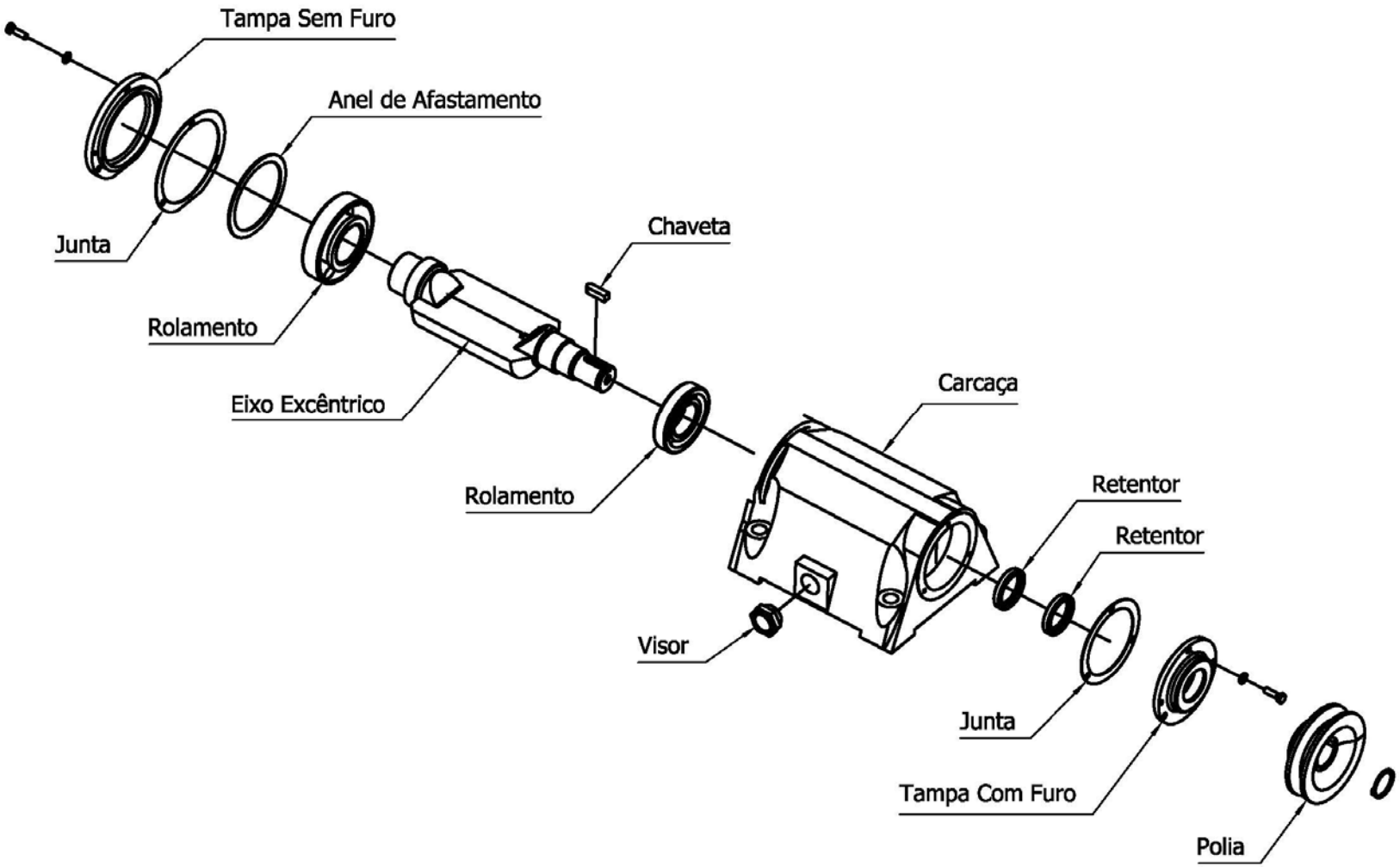
Manutenção de Equipamentos

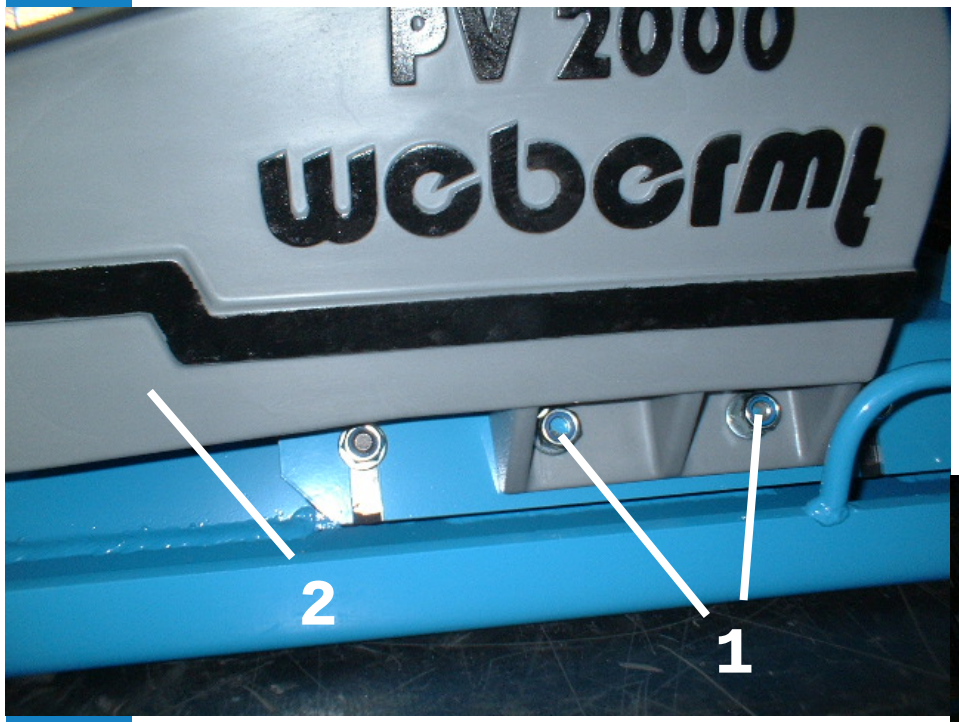
PV 2000

Excêntrico

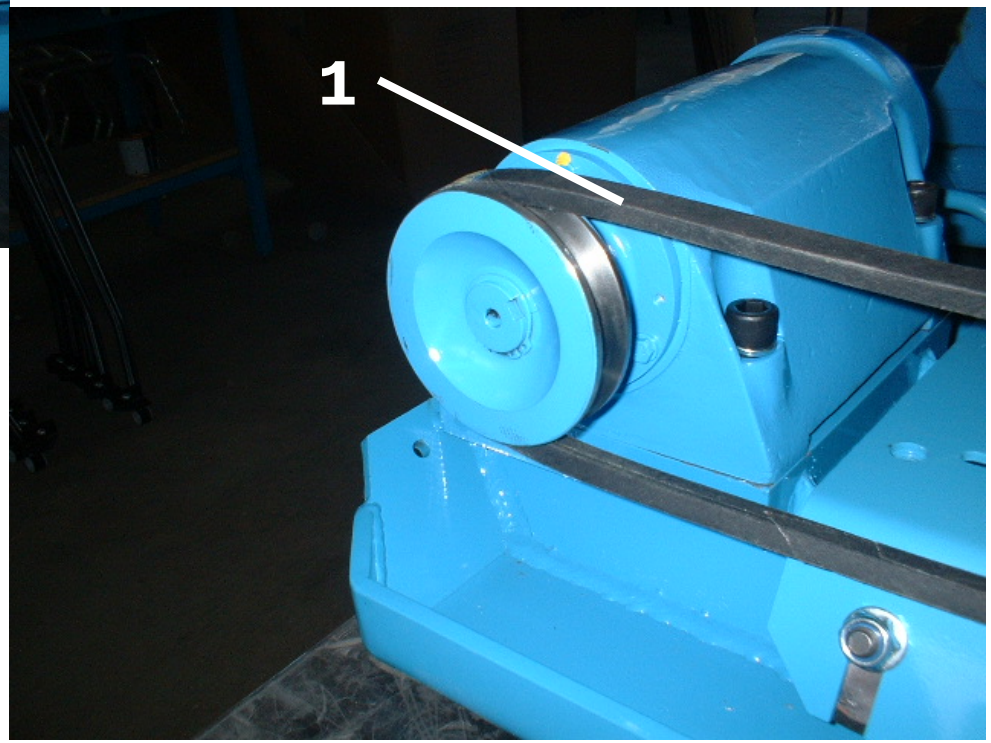
PV 2000


Tampa Sem Furo
Anel de Afastamento
Junta
Chaveta
Rolamento
Eixo Excêntrico
Carcaça
Rolamento
Retentor
Retentor
Visor
Junta
Tampa Com Furo
Polia

PV 2000 - Desmontagem

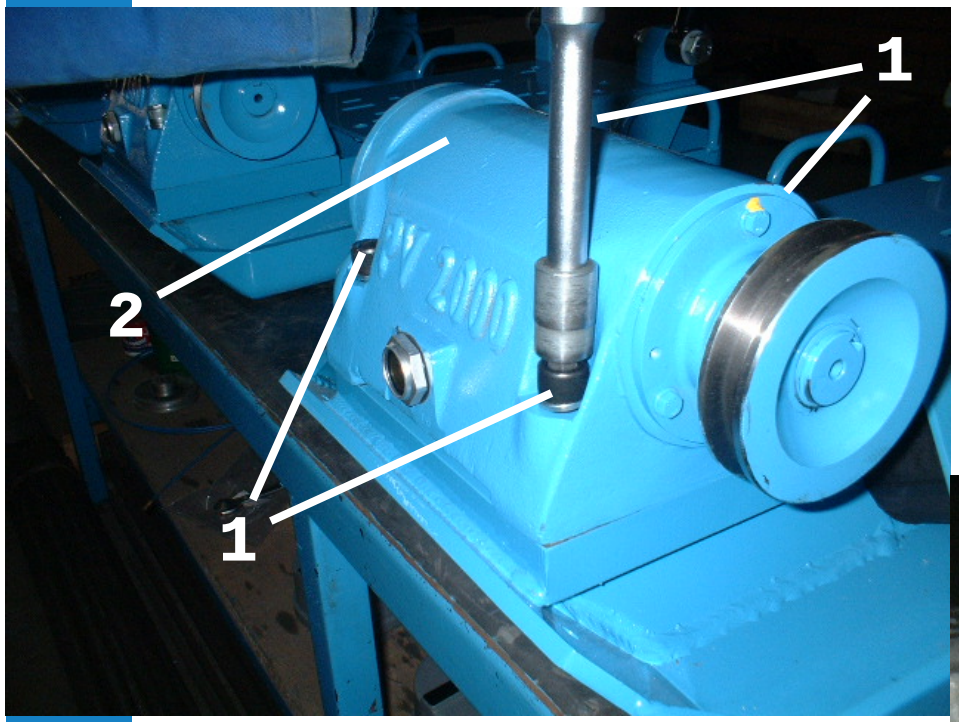


Soltar as Porcas (1) e desmontar a Proteção da Polia (2).

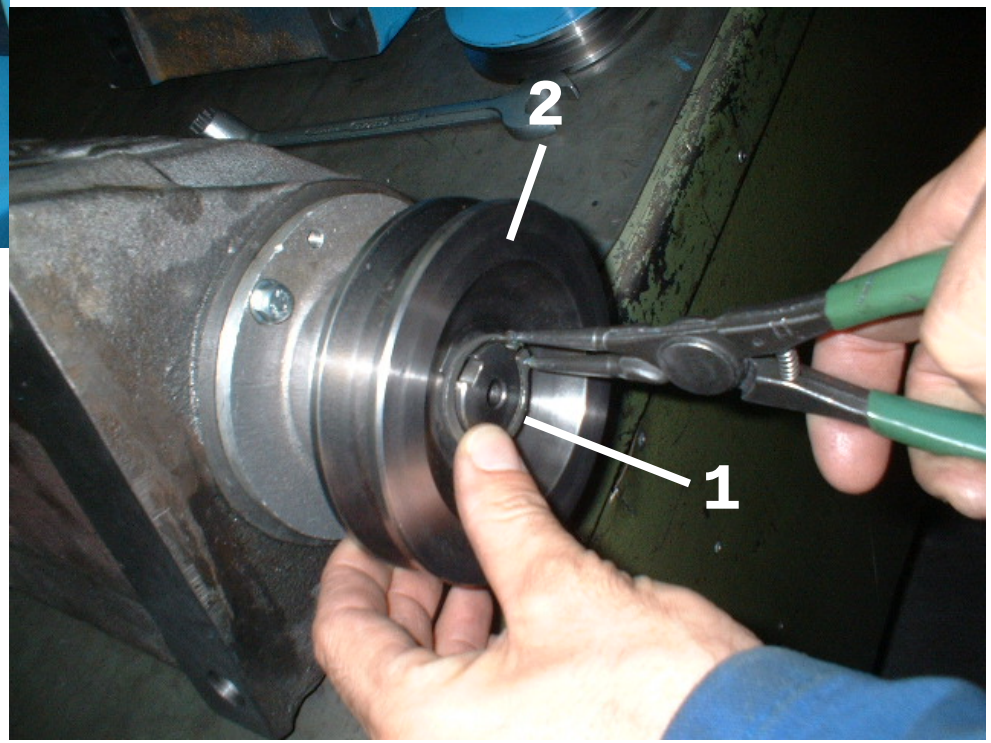


Desmontar a Correia (1).

PV 2000 - Desmontagem

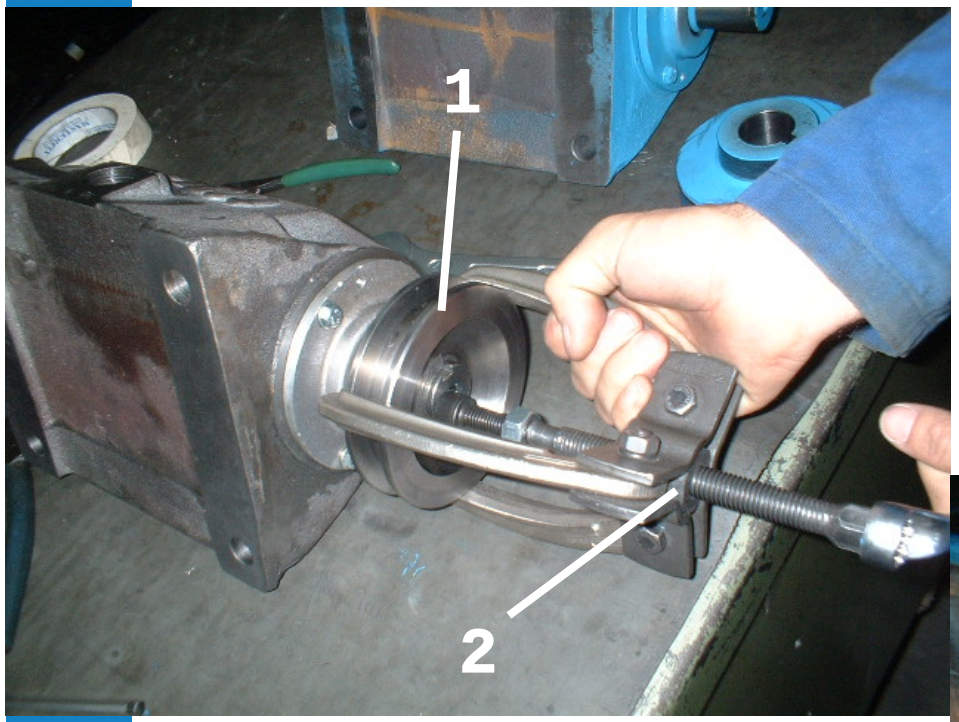


Soltar os 4 Parafusos (1) que prendem o Conjunto Excêntrico (2) na Base.

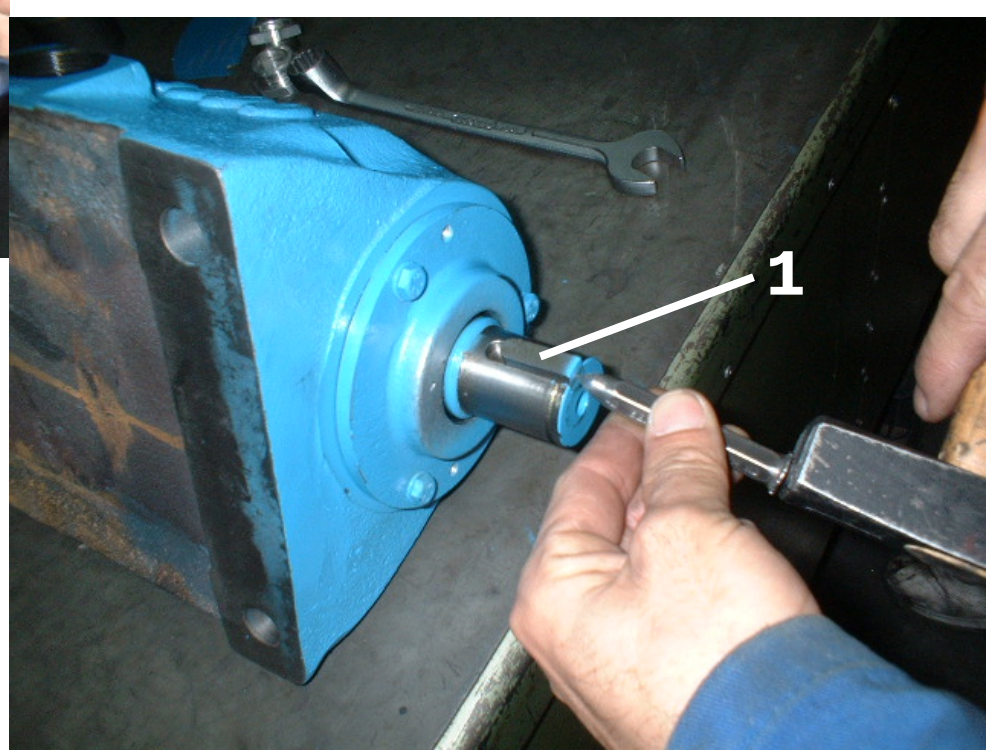


Utilizando uma ferramenta adequada, retirar o anel elástico (1) que prende a polia (2).

PV 2000 - Desmontagem

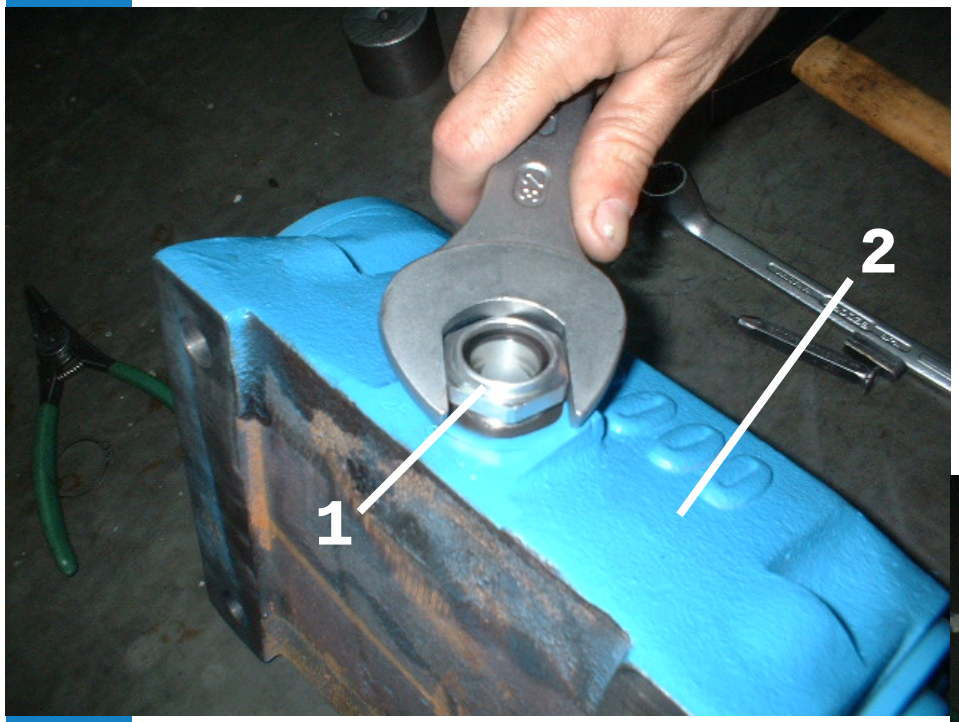


Desmontar a Polia do Excêntrico (1) utilizando um Sacador de Polias (2).

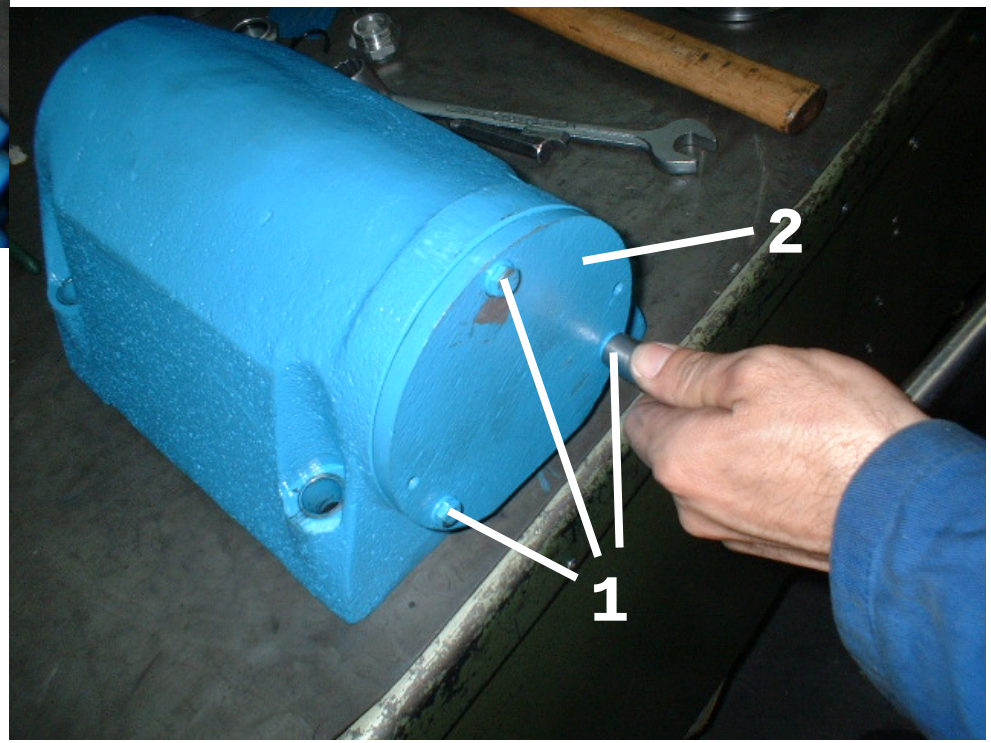


Retirar a Chaveta (1) do Eixo Excêntrico.

PV 2000 - Desmontagem

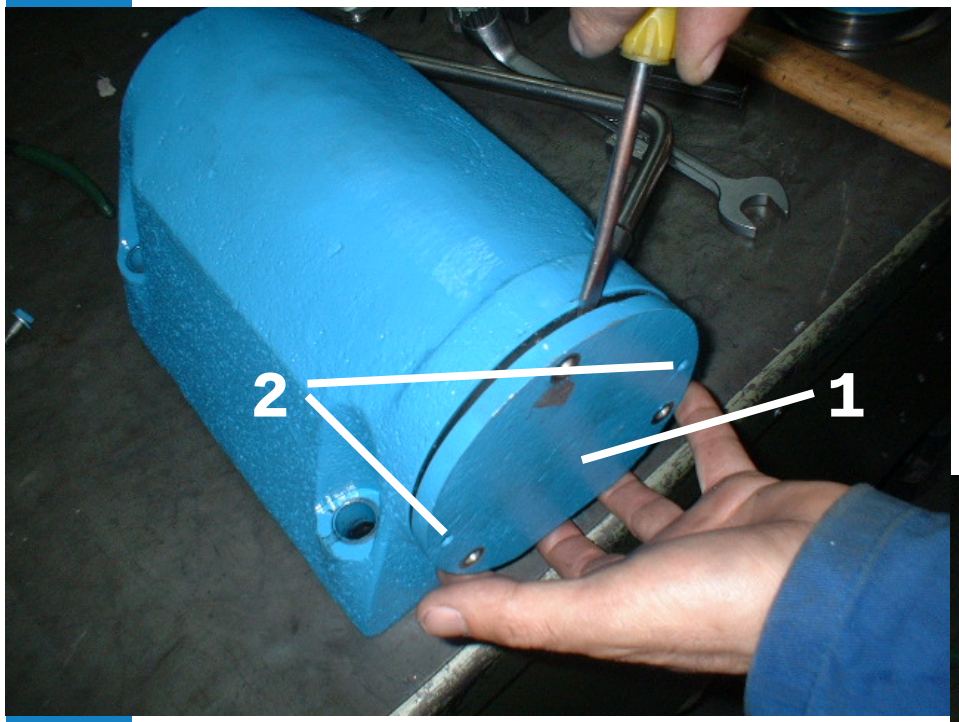


Retirar o Visor de Óleo (1) e deixe escorrer, em recipiente adequado, todo óleo do interior da Carcaça do Excêntrico (2).

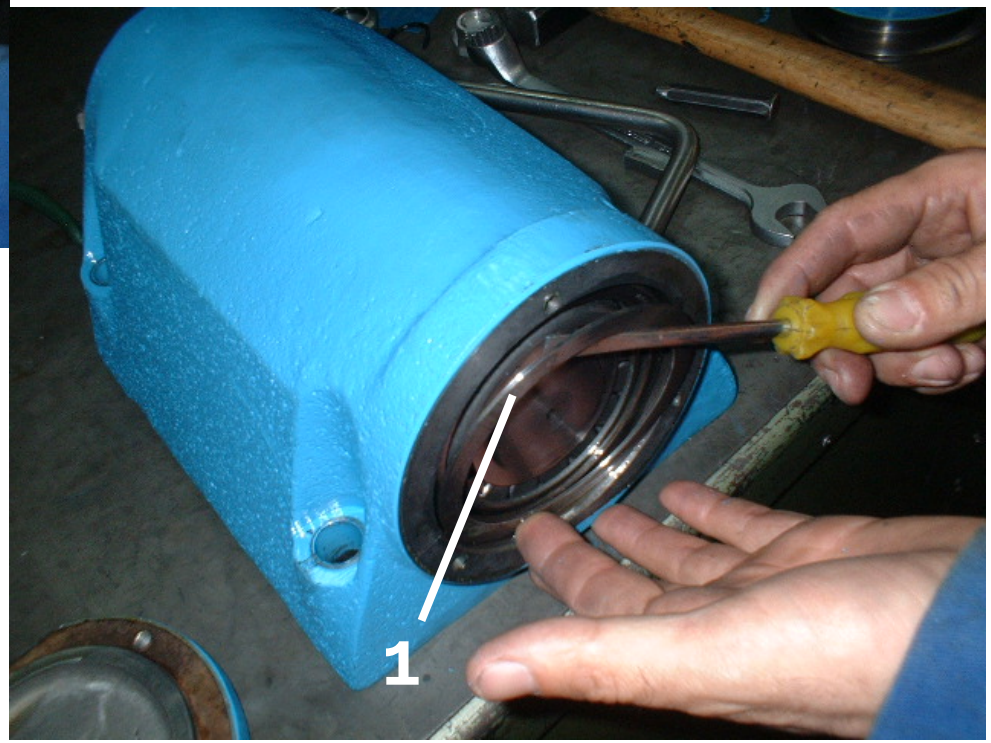


Retirar os 3 Parafusos (1) que prendem a Tampa Sem Furo (2).

PV 2000 - Desmontagem

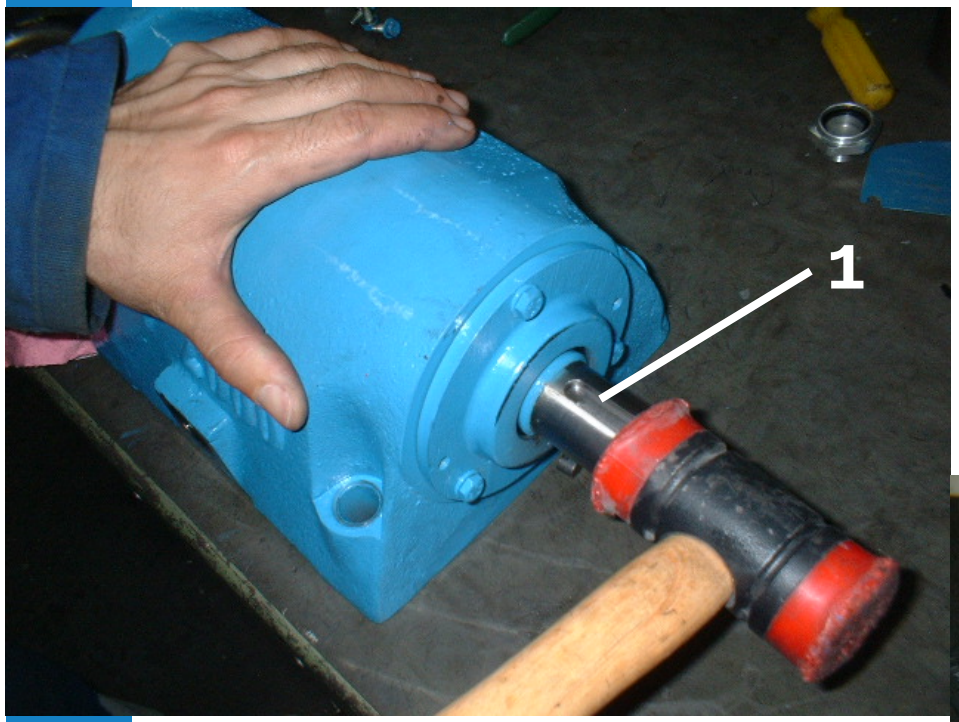


Desmontar a Tampa Com Furo (1) conforme demonstrado. Pode-se utilizar as roscas de extração (2) para facilitar a desmontagem.

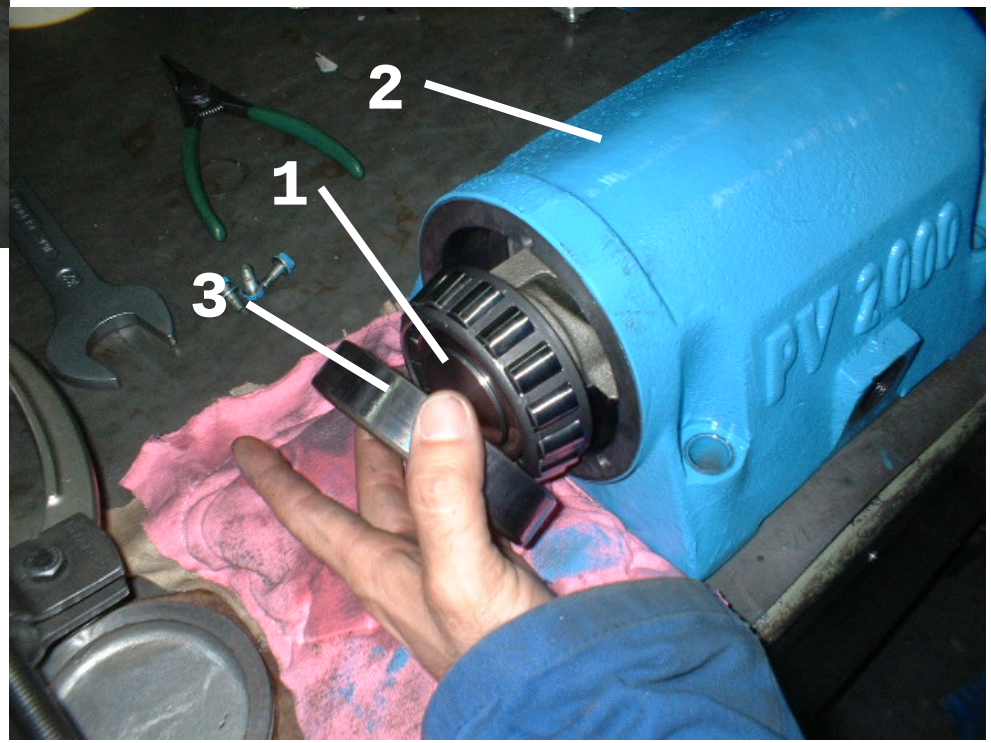


Retirar o Anel de Afastamento (1).

PV 2000 - Desmontagem

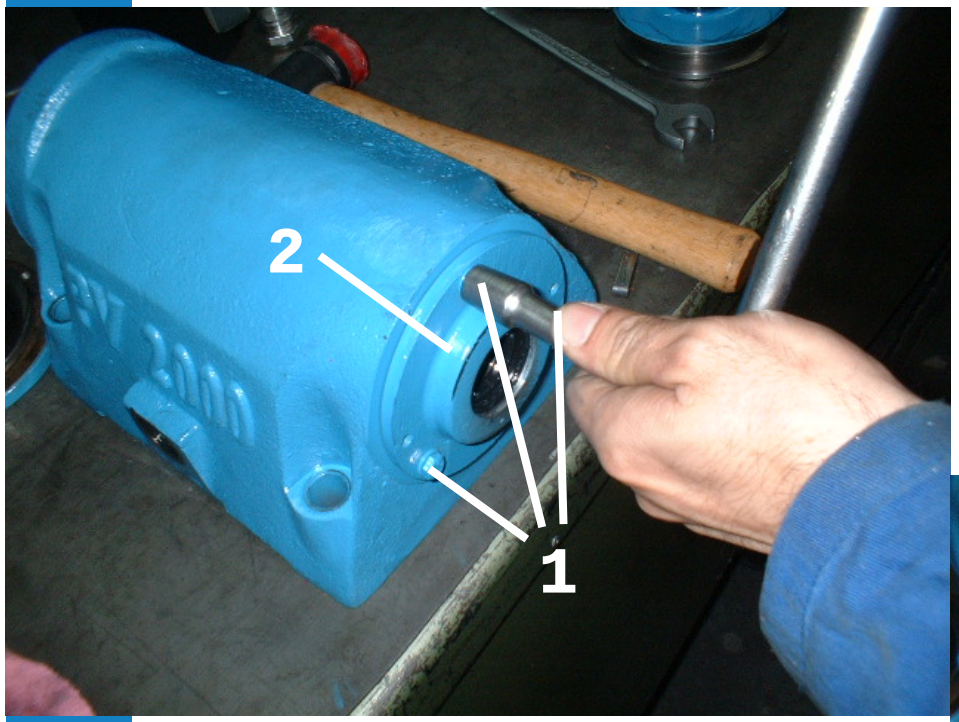


Com cuidado, empurrar o Eixo Excêntrico (1) para desmontá-lo.

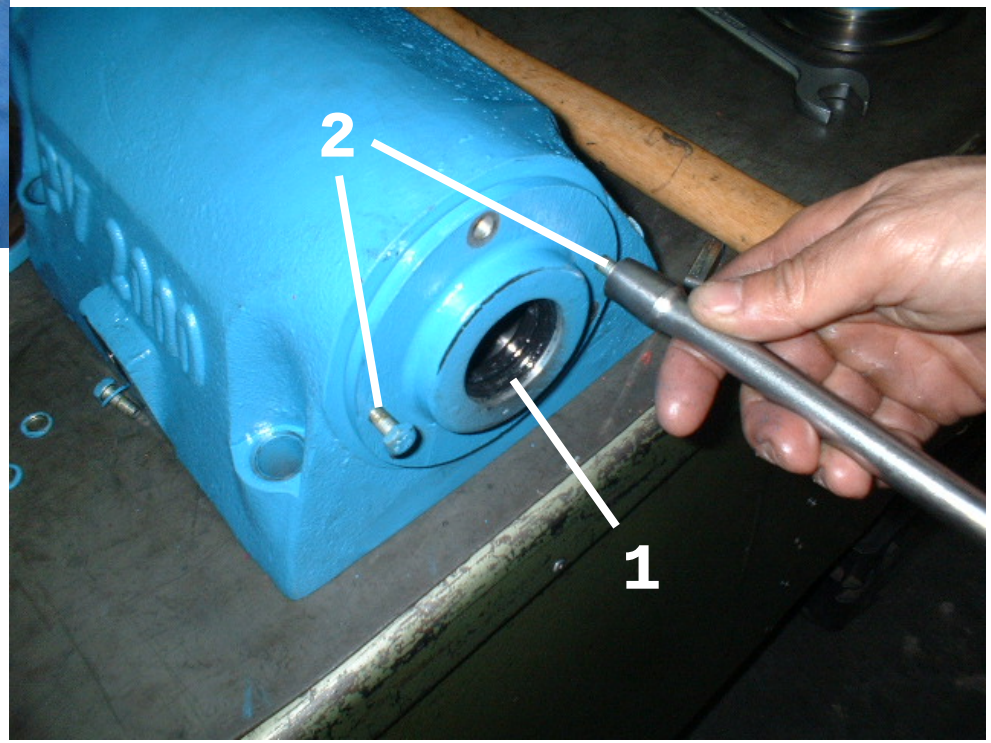


O Eixo Excêntrico (1) deve ser retirado pela parte posterior da Carcaça (2) juntamente com o Rolamento (3).

PV 2000 - Desmontagem

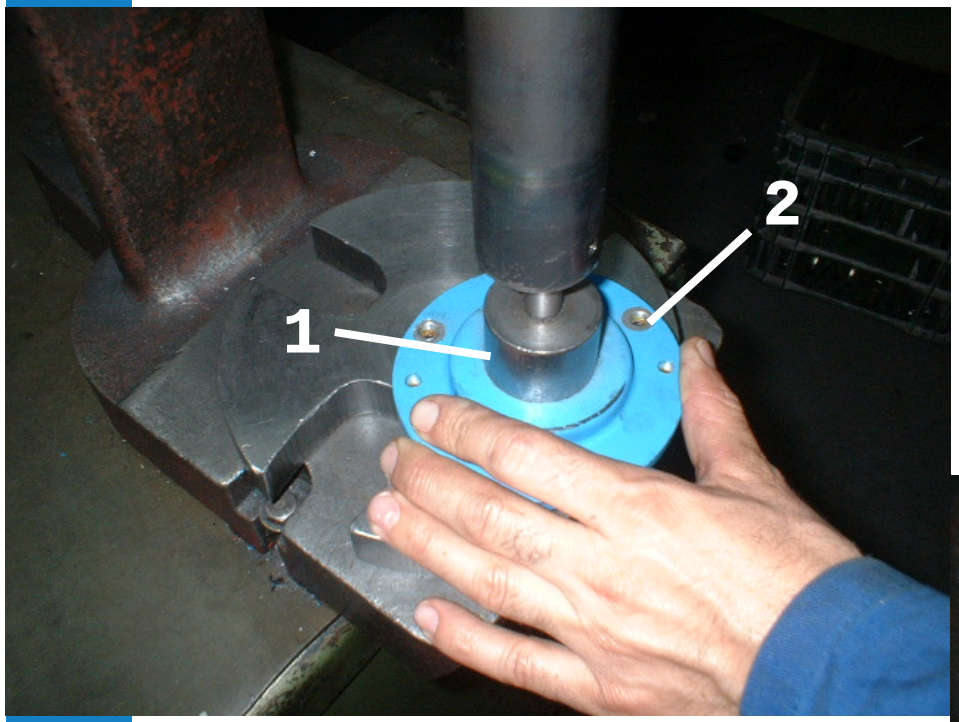


Retirar os 3 Parafusos (1) que prendem a Tampa Com Furo (2).

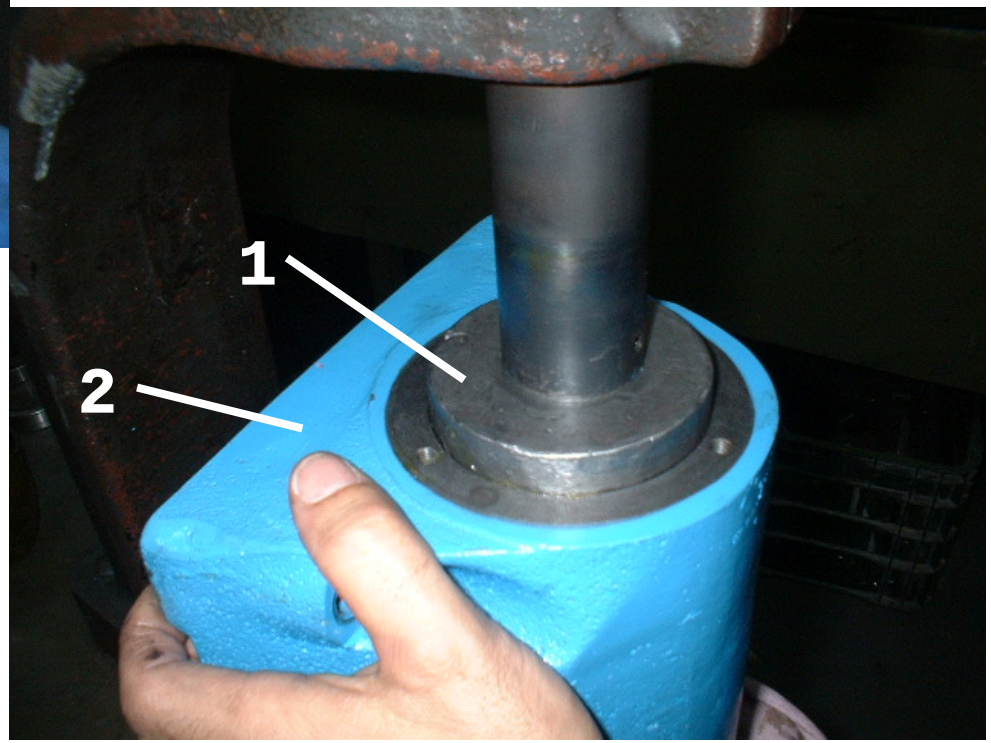


A Tampa Com Furo (1) deve ser desmontada utilizando-se os Parafusos extratores (2).

PV 2000 - Desmontagem

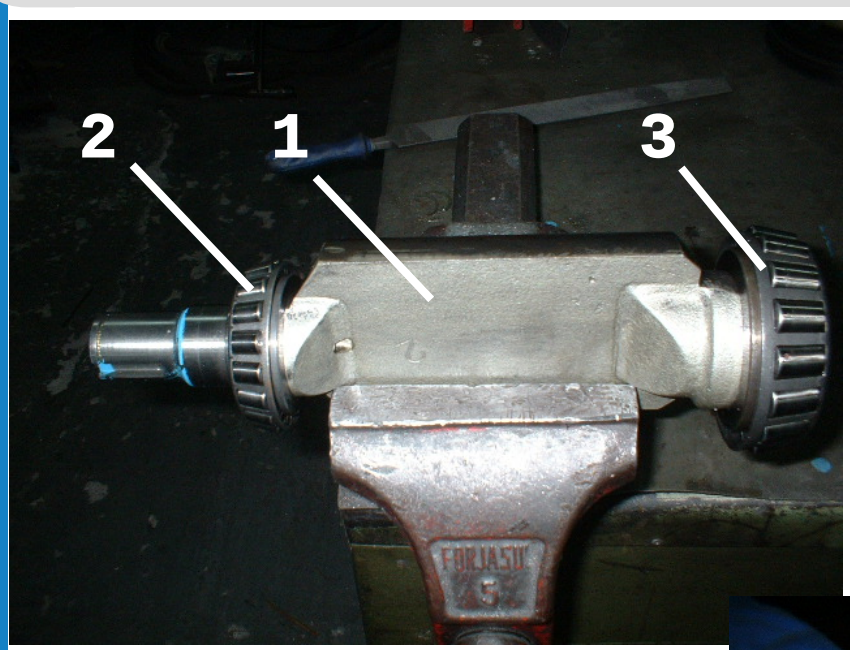


Desmontar os Retentores (1) da Tampa Com Furo (2).



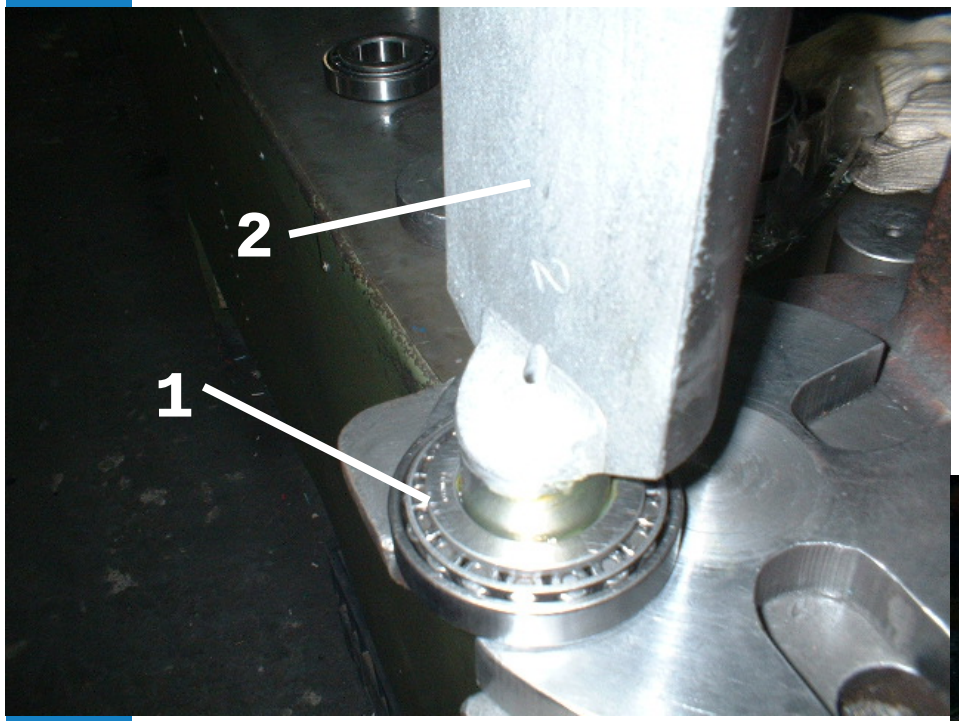
Com uma ferramenta apropriada (1) desmontar a Pista Externa do Rolamento da Carcaça (2).

PV 2000 - Desmontagem

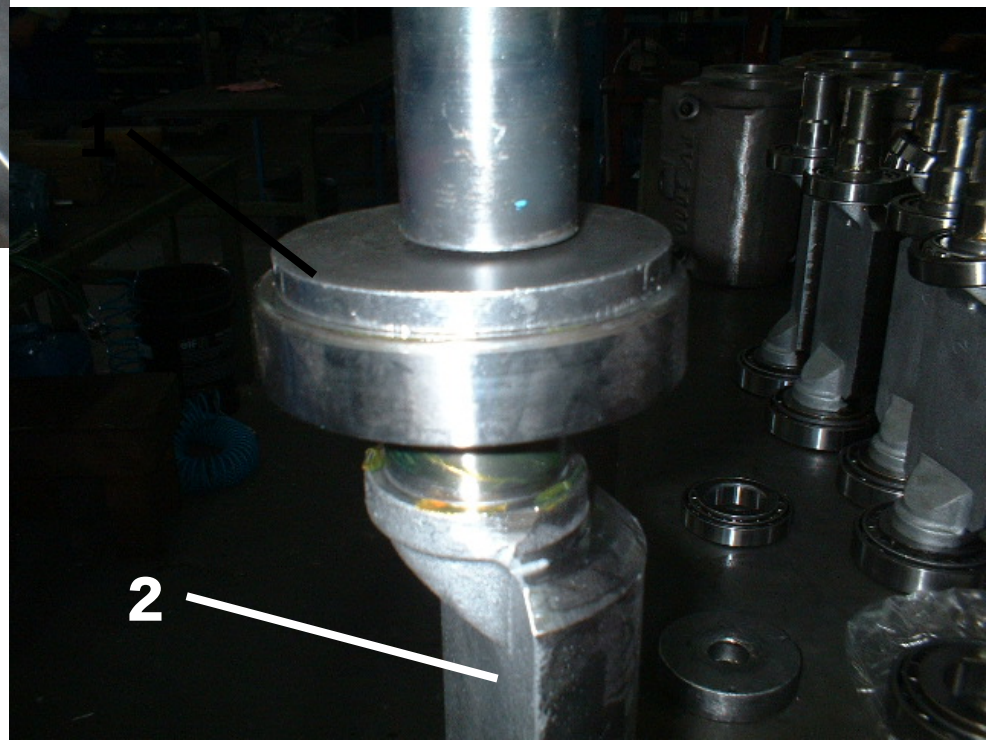


Fixar o Eixo Excêntrico (1) em um torno de bancada. Utilizar ferramenta apropriada e desmontar os Rolamentos (2 e 3).

PV 2000 - Montagem

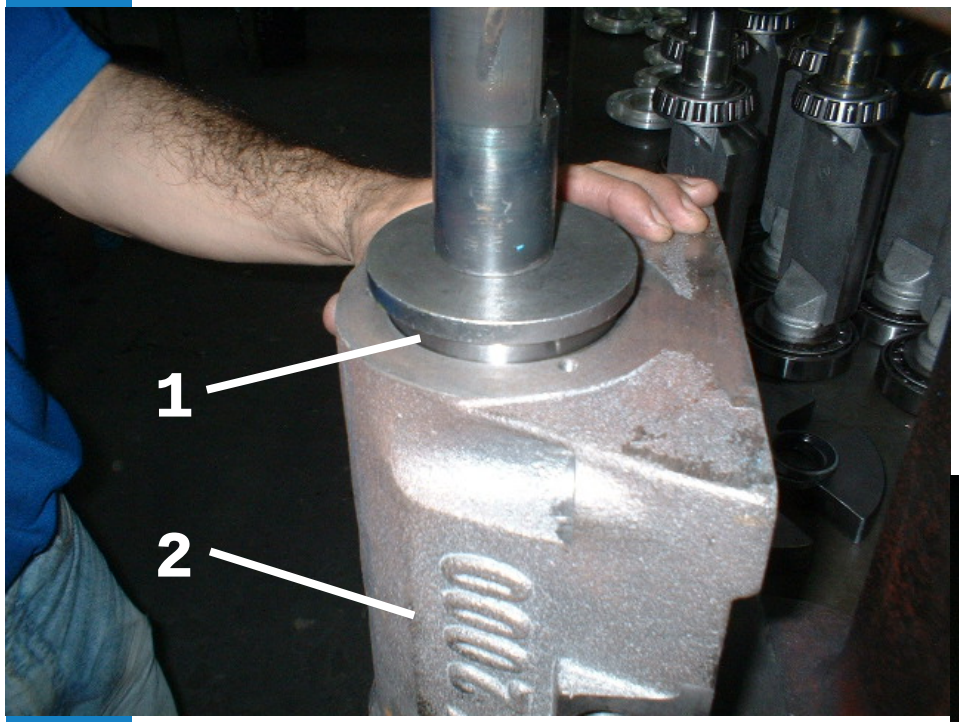


Montar o Rolamento Menor (1) no Eixo Excêntrico (2).

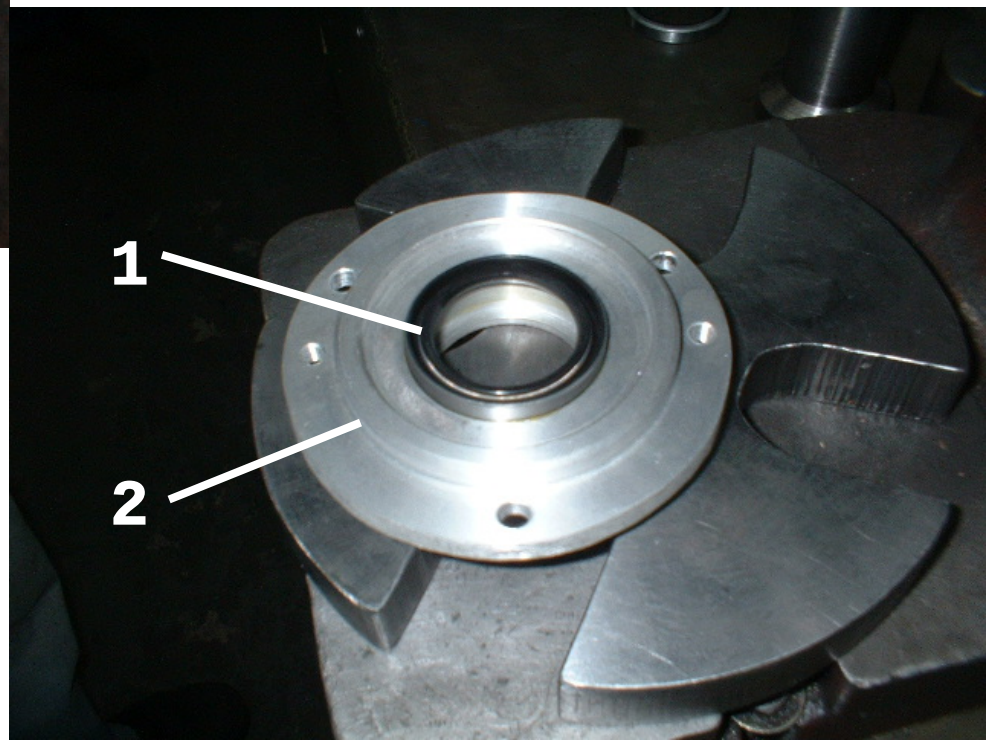


Montar o Rolamento Maior (1) no Eixo Excêntrico (2).

PV 2000 - Montagem

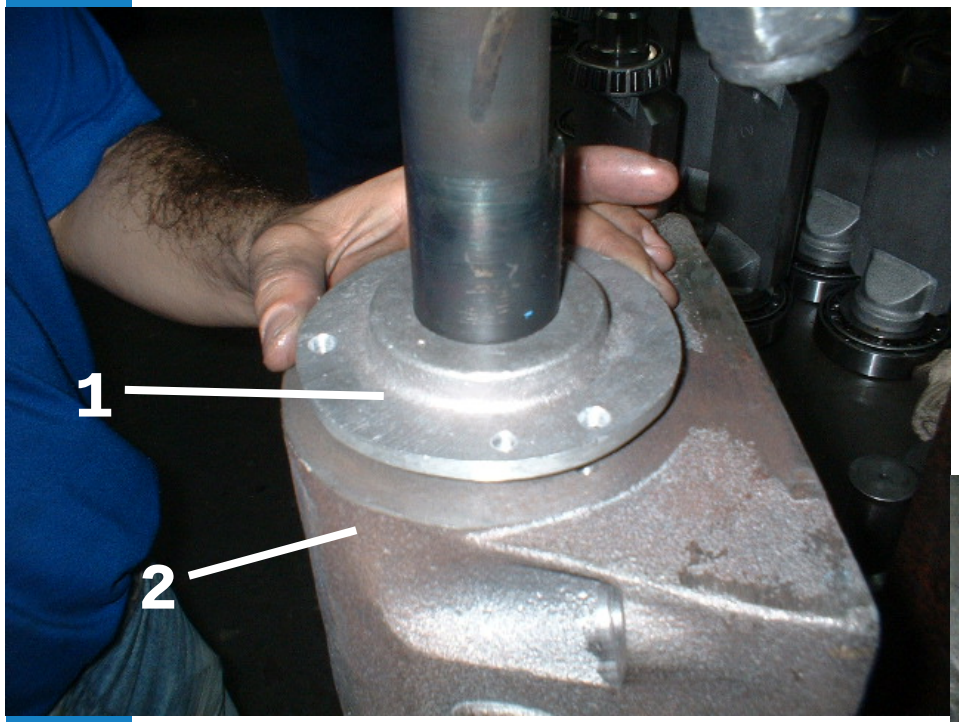


Montar a Pista Externa do Rolamento Menor (1) na Carcaça (2).

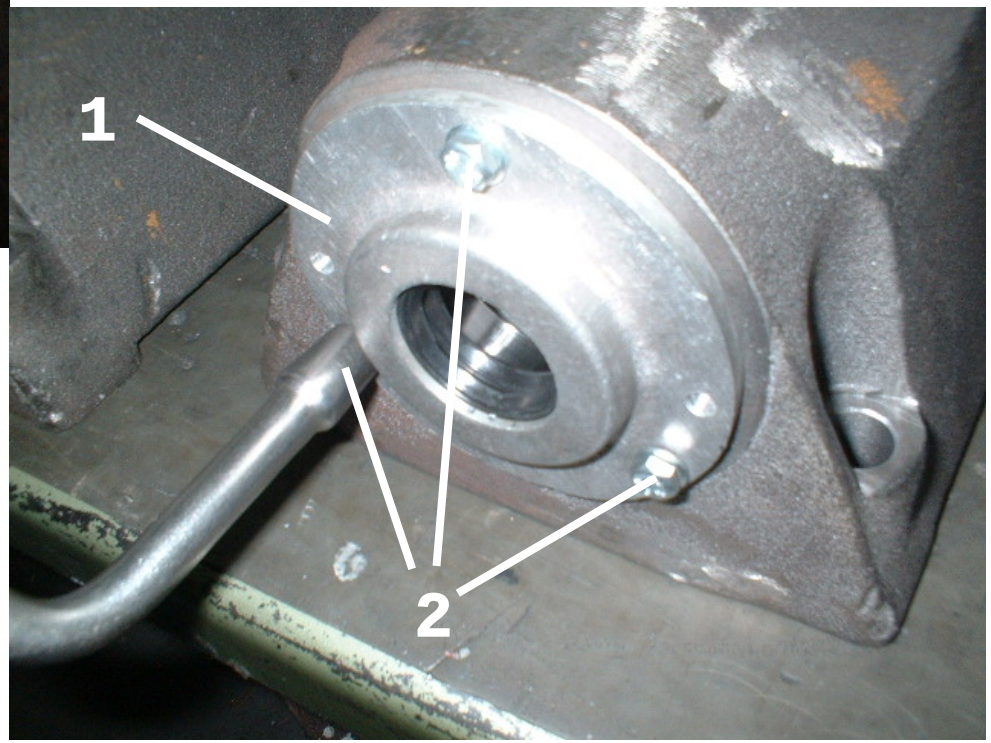


Montar os 2 Retentores (1) na Tampa Com Furo (2).

PV 2000 - Montagem

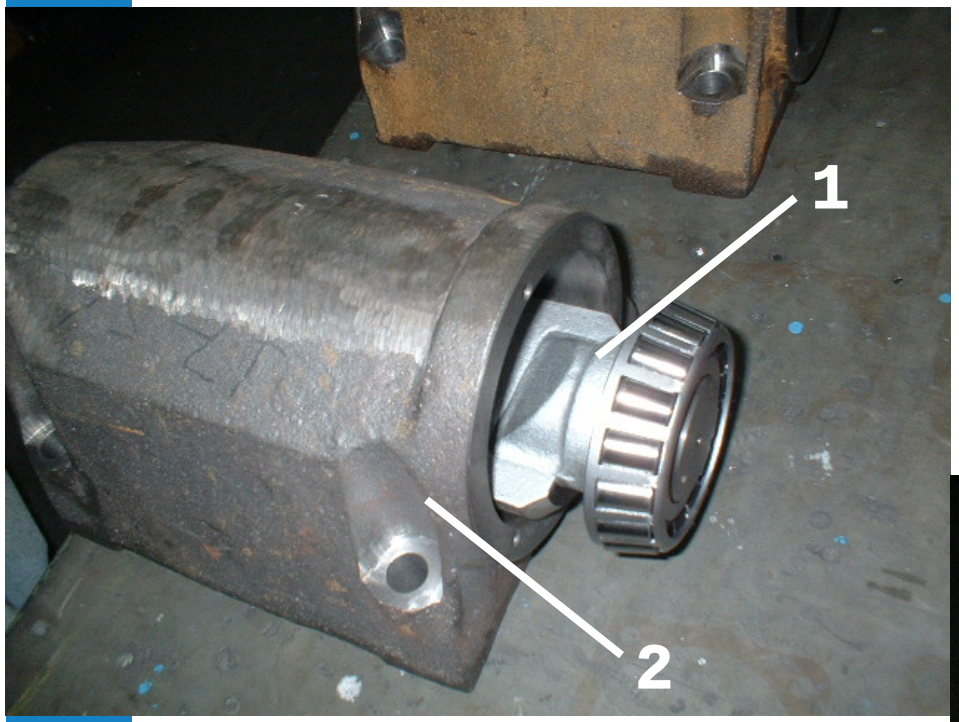


Montar a Tampa Com Furo (1) na Carcaça (2).

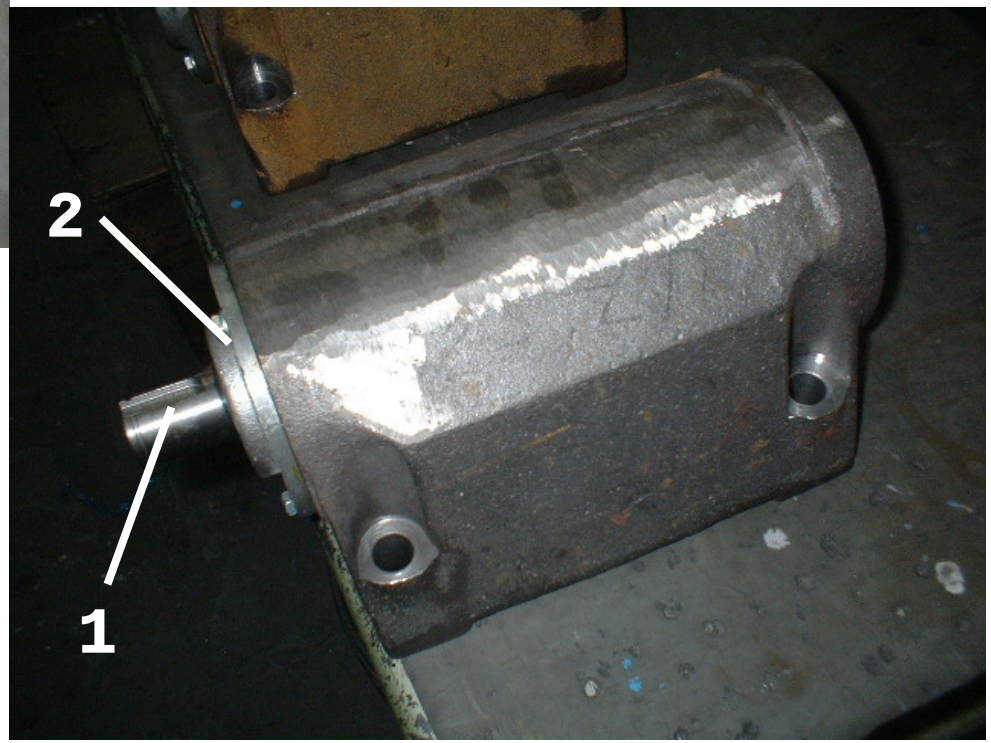


Fixar a Tampa Com Furo (1) com os 3 Parafusos (2).

PV 2000 - Montagem

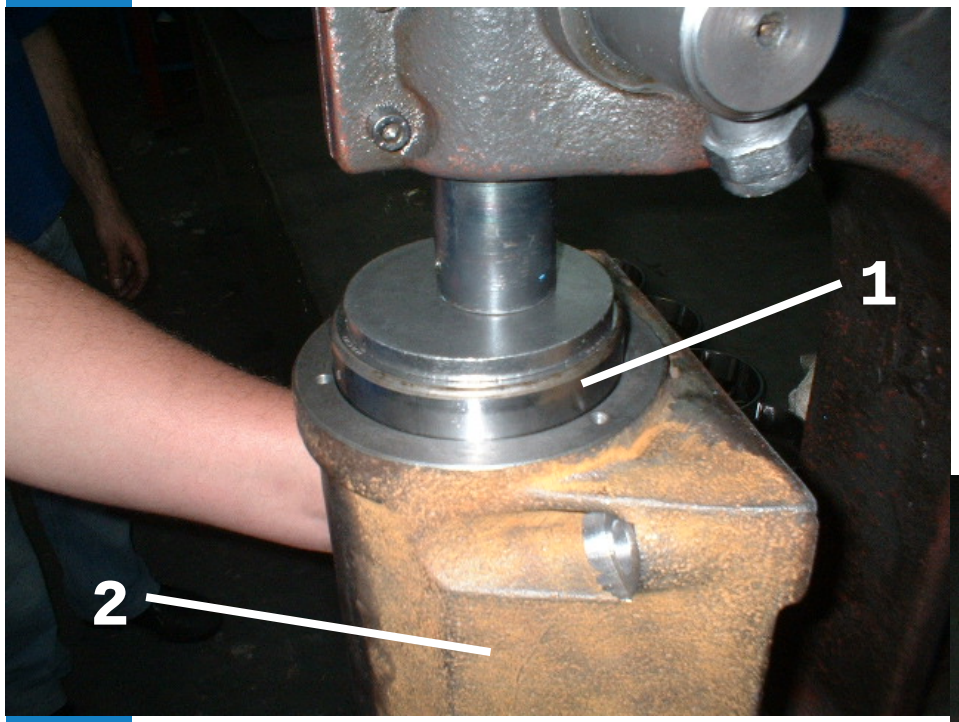


Montar o Eixo Excêntrico (1) pela parte posterior da Carcaça (2).

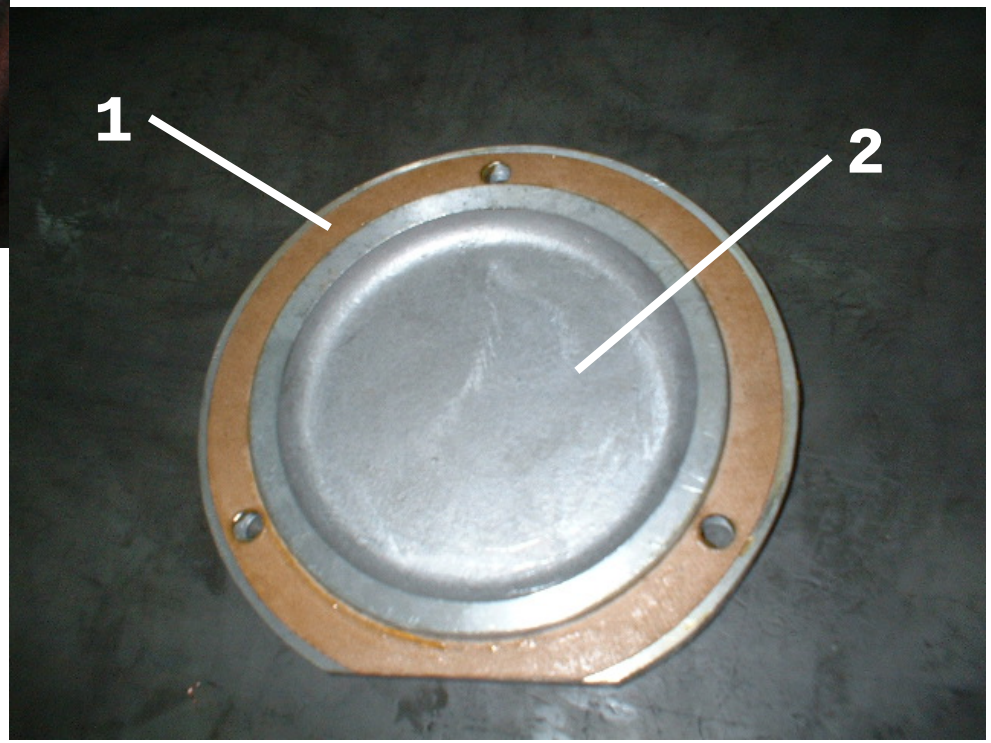


Encaixar o Eixo Excêntrico (1) na Tampa Com Furo (2).

PV 2000 - Montagem



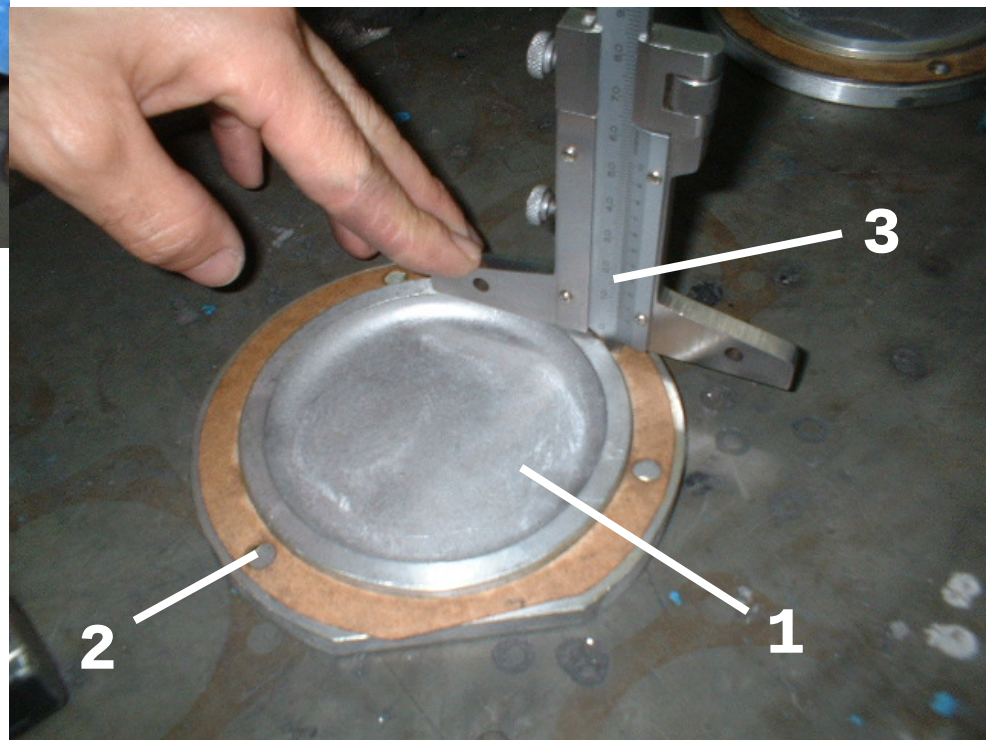
Montar a Pista Externa do Rolamento (1) na Carcaça (2).



Colocar a Junta de Papel (1) na Tampa Sem Furo (2).

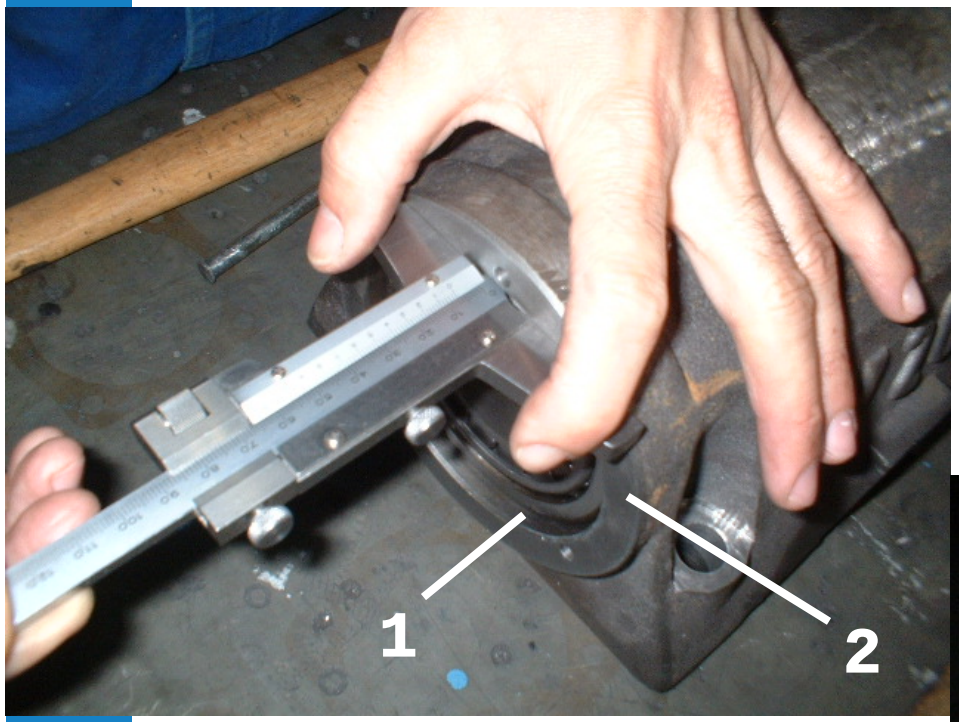
PV 2000 - Montagem

Eliminar a folga axial do Conjunto Excêntrico utilizando um batente apropriado.



Medir a altura da Tampa Sem Furo (1) já com a Junta de Vedação (2) utilizando um Paquímetro de Profundidade (3) assim como mostrado na foto.

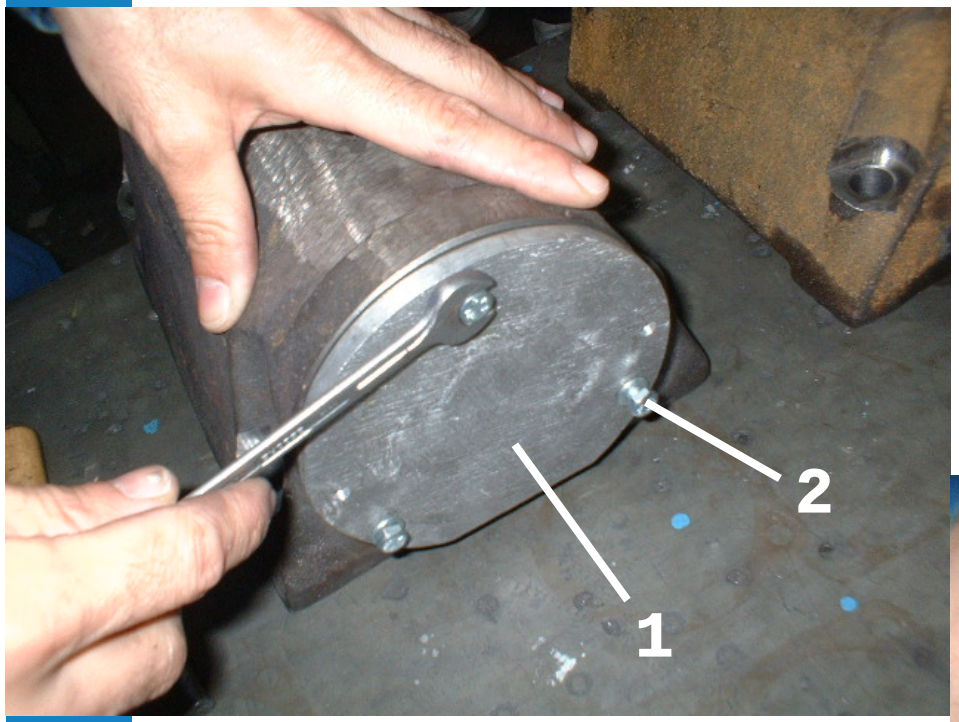
PV 2000 - Montagem



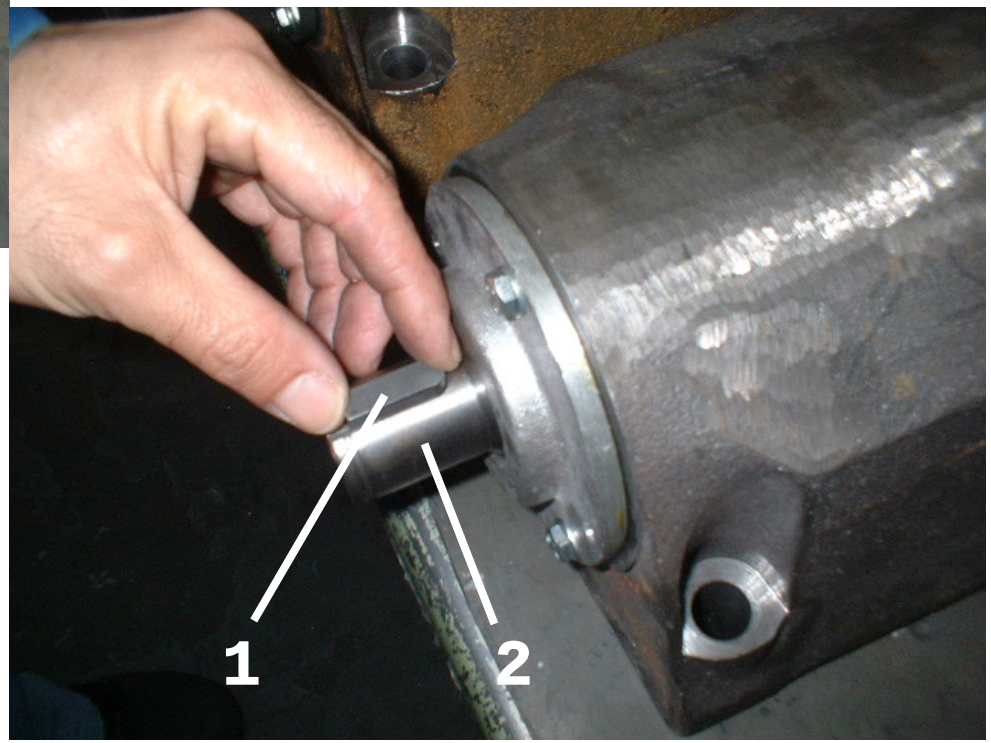
Medir a altura entre a Carcaça do Excêntrico (2) e a Pista Externa do Rolamento (1).

Ajustar a Folga Axial utilizando os Anéis de Afastamento (1). A Folga Axial deve ser de 0,45mm.

PV 2000 - Montagem

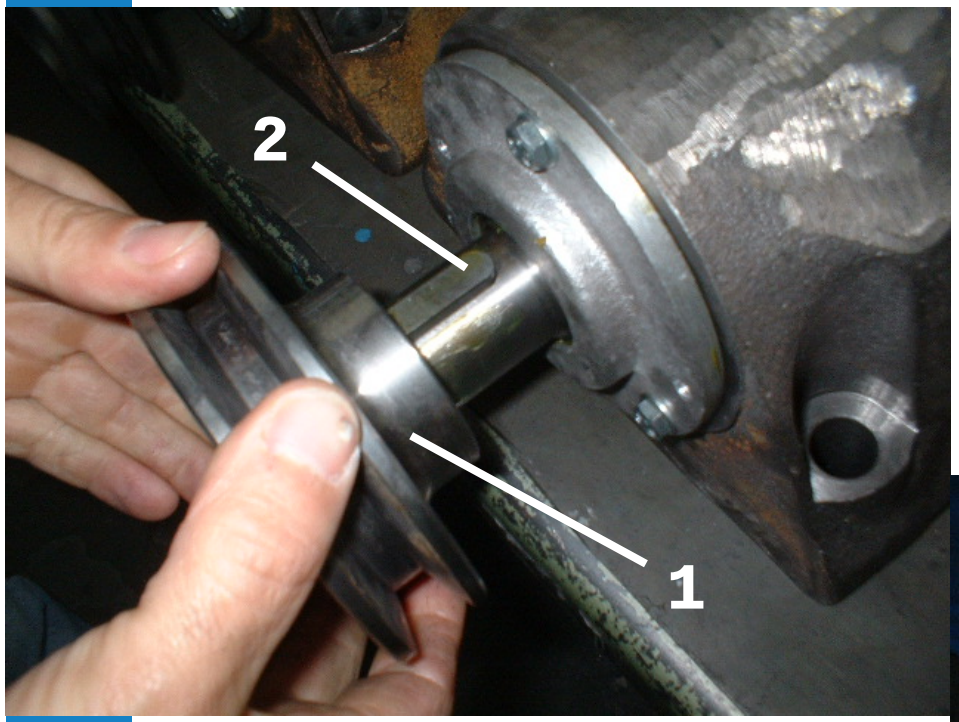


Montar a Tampa Sem Furo (1)
e Fixar os Parafusos (2).

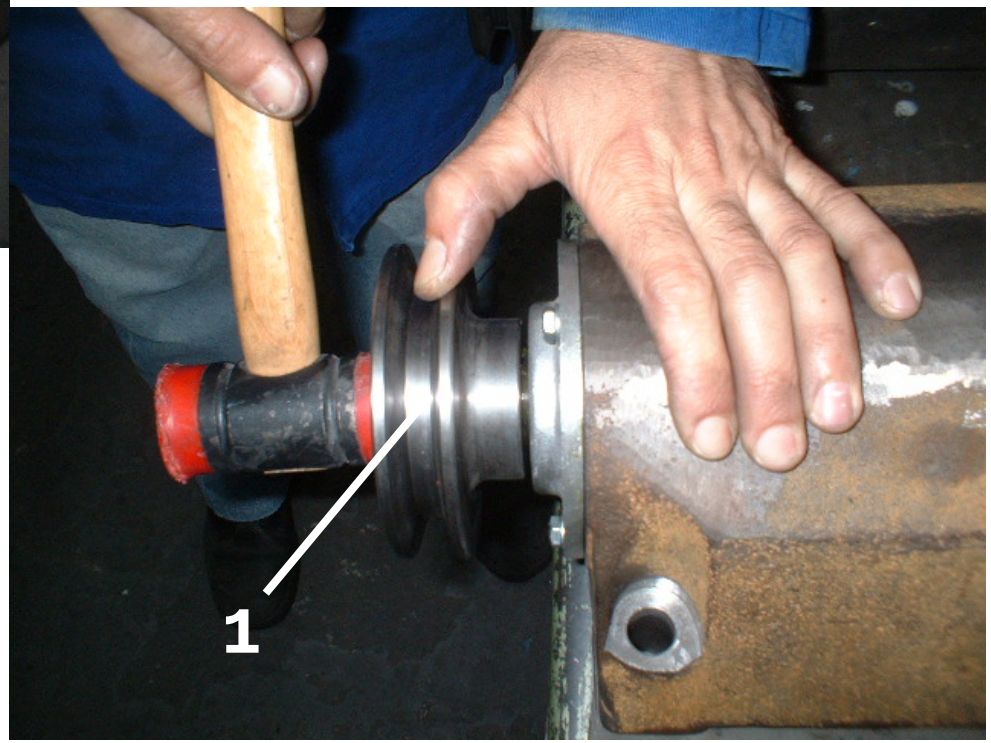


Montar a Chaveta (1)
no Eixo Excêntrico (2).

PV 2000 - Montagem



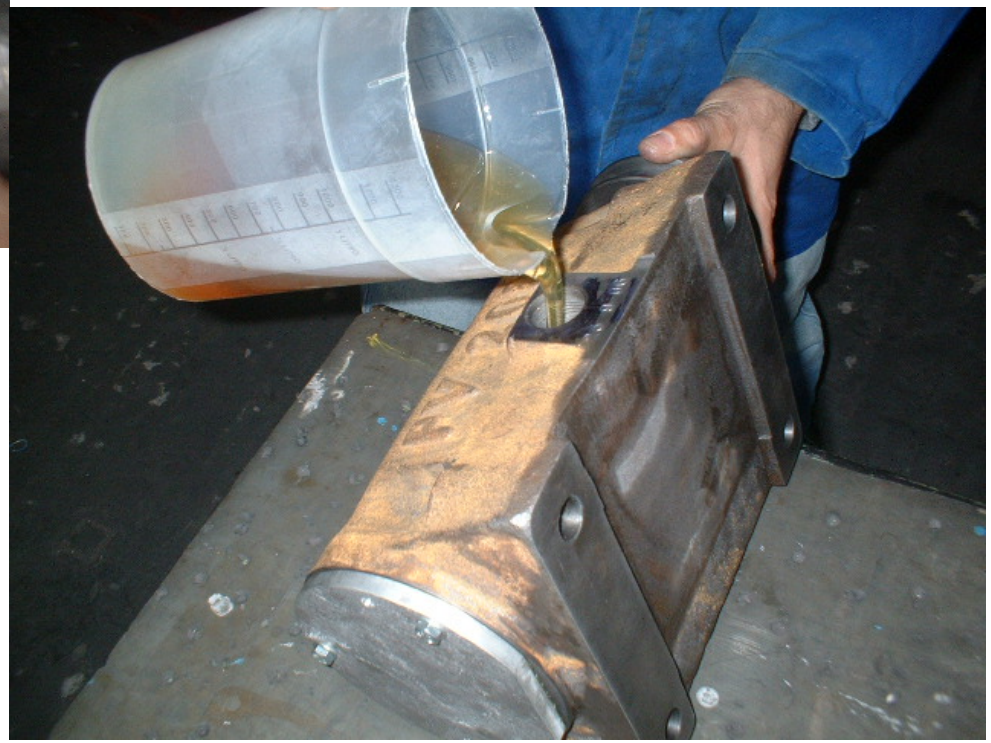
Montar a Polia (1) no Eixo Excêntrico (2). Após a montagem, fixar a Polia com o Anel Elástico.



Com leves batidas na Polia (1) empurrar o Eixo Excêntrico para atrás.

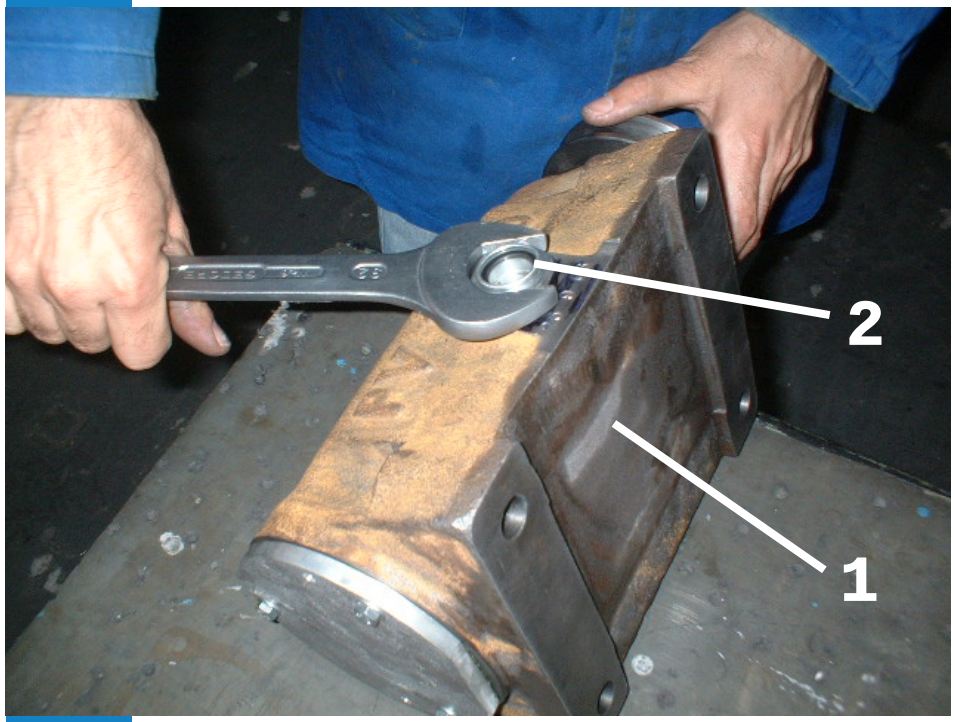
PV 2000 - Montagem

Verificar novamente a folga axial do Eixo Excêntrico.



Colocar o óleo assim como especificado no Manual de Operação e Manutenção.

PV 2000 - Montagem



Fechar a Carcaça do Excêntrico (1) com o Visor de Óleo (2). Substituir o Anel O´Ring do Visor.

SRX 60
RV 70