

4. Press down diaphragm and disconnect it from the pump rocker arm link. Remove diaphragm with spring.
5. Force out rocker arm link pin. Remove rocker arm link, rocker arm and spring.

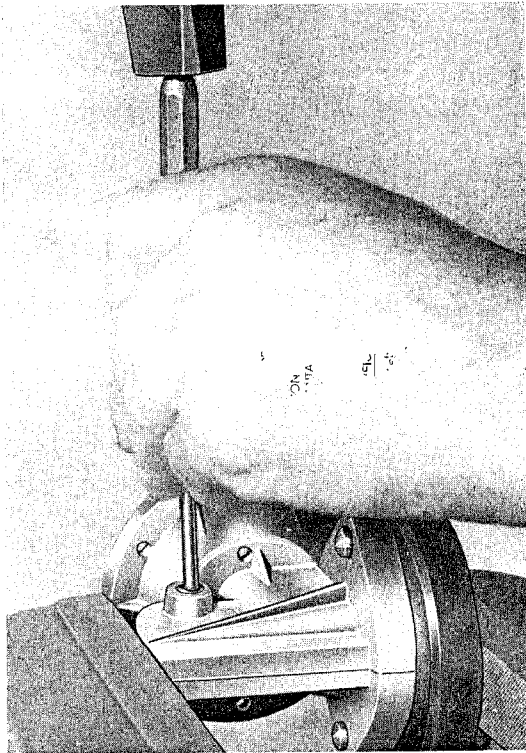


Fig. 36

6. Unscrew valve retainer plate from pump cover by pressing down valve retainer plate until the three screws have been screwed out. Carefully take off the plate to avoid the components jumping off.

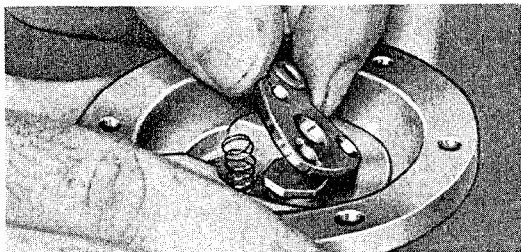


Fig. 37

7. Thoroughly clean all pump components in fuel.

Assembly

1. Check valve seat in pump cover for perfect condition.
2. Check valve seat at valve retainer plate.
3. Replace valve plates, valve springs and valve retainer plate gasket. Place valve plates in position taking care that their sides with red coated face contact with the valve seat.
4. Place and hold valve retainer plate in position until the screws are tightened uniformly.
5. After installation of the valves check to see whether opening and closing is perfect.
6. Install rocker arm link, rocker arm and spring in pump housing. Check rocker arm pin for wear. Install pin and secure.
7. Place spring and diaphragm in position. Engage the diaphragm actuating rod in the rocker arm link. Replace diaphragm if it shows traces of hardening or wear.
8. Place fuel pump housing in a vice with the gauge VW 328 b inserted. Thus the rocker arm is pressed 1.4" (35 mm) inwards (measured from flange joining face), bringing the diaphragm to the required assembling position.
9. Fit pump cover, taking care that the diaphragm is perfectly even. Securely tighten cover screws diagonally and uniformly.
10. Check pump cover gasket, if necessary replace.
11. Place fuel filter in position and tighten cover screws.