

4. Rest the lower assembly of pump on the diaphragm supporting disc, push spring retainer down with pliers, remove lock ring, spring retainer and spring.

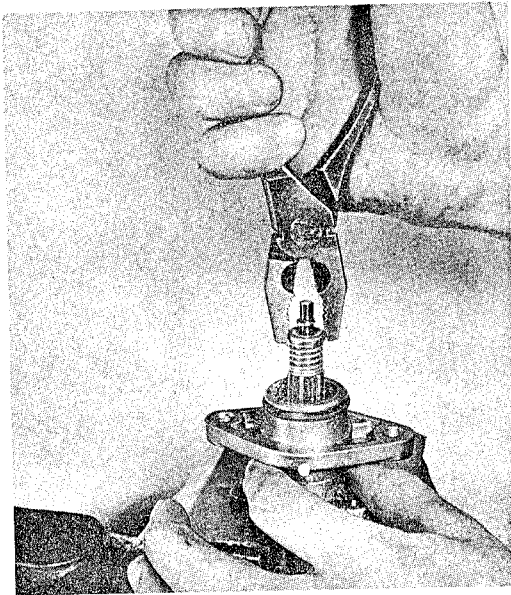


Fig. 10

5. Withdraw the diaphragm-plunger-spring assembly from lower pump casting; ascertain that there is no grit around the lock ring groove in plunger to prevent damaging the oil scraper.

6. Remove coupling pin from actuating plunger with a punch, detach diaphragm from plunger.

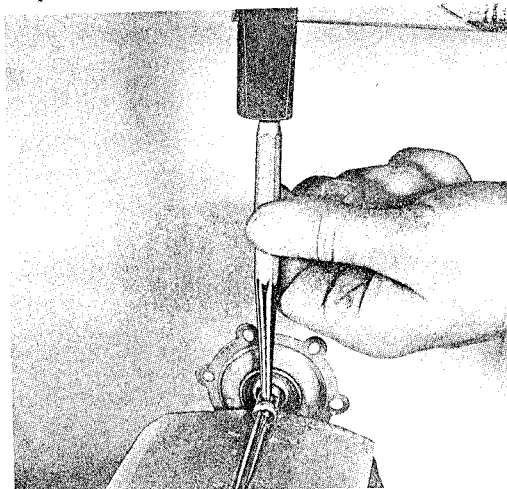


Fig. 11

7. Remove self-threading cheese-head screw at inlet valve and remove leaf spring and spring stop (outlet valve cannot be dismounted).

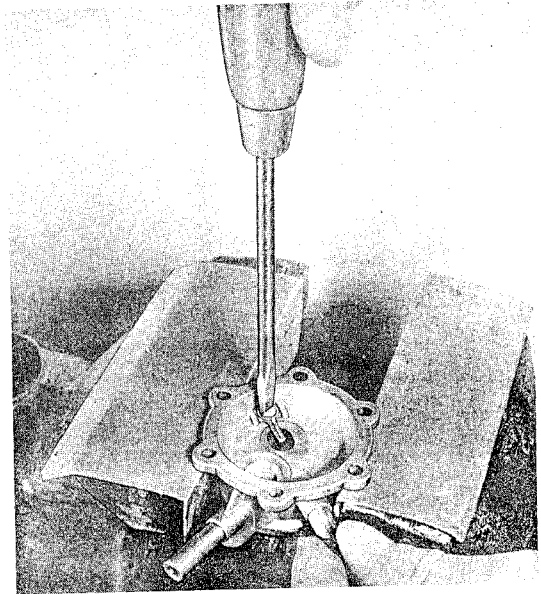


Fig. 12

8. Clean pump components with gasoline.

Reassembly

Reassembly is accomplished in reversed order of the above, noting the following points:

1. Check proper functioning of outlet valve in upper assembly.
2. Check sealing surfaces of inlet valve.
3. Install leaf spring and spring stop, check for proper operation.
4. Reconnect diaphragm and plunger with pin, check free movement of plunger in diaphragm coupling. Center coupling pin in plunger.
5. When mounting pump upper assembly, make certain that diaphragm is not creased. Evenly tighten screws in cross-sequence.
6. Check gasket at pump cover, replace if necessary.