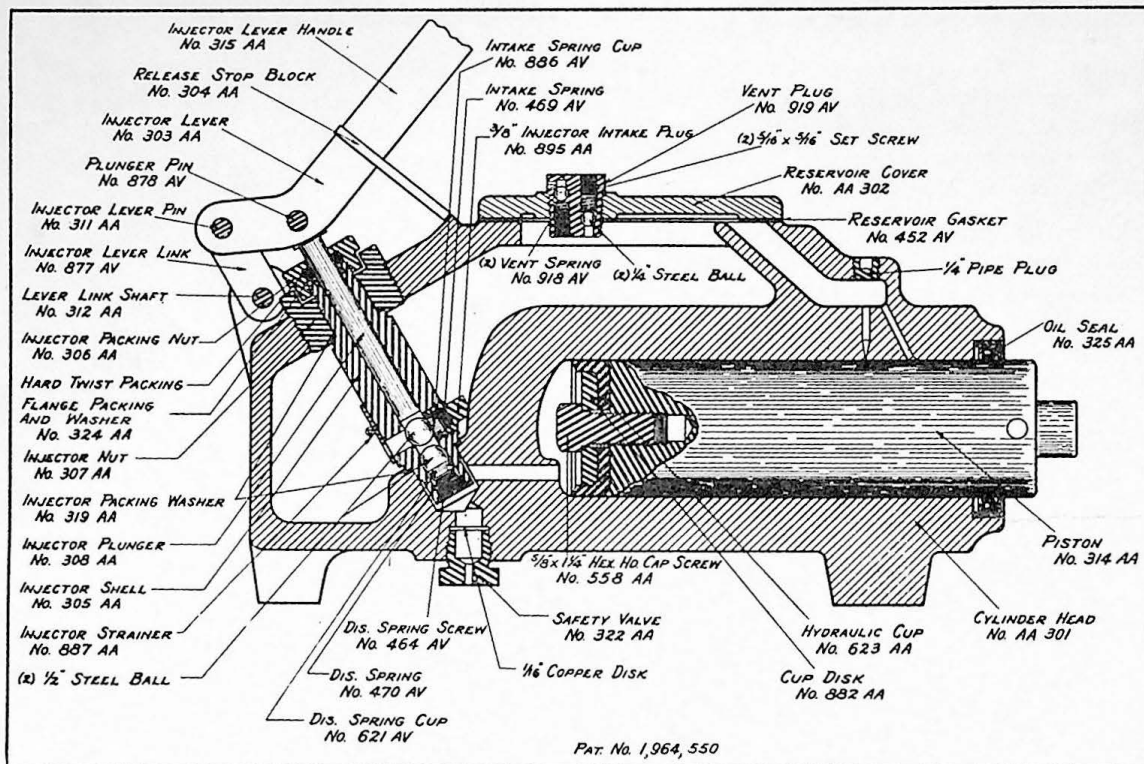
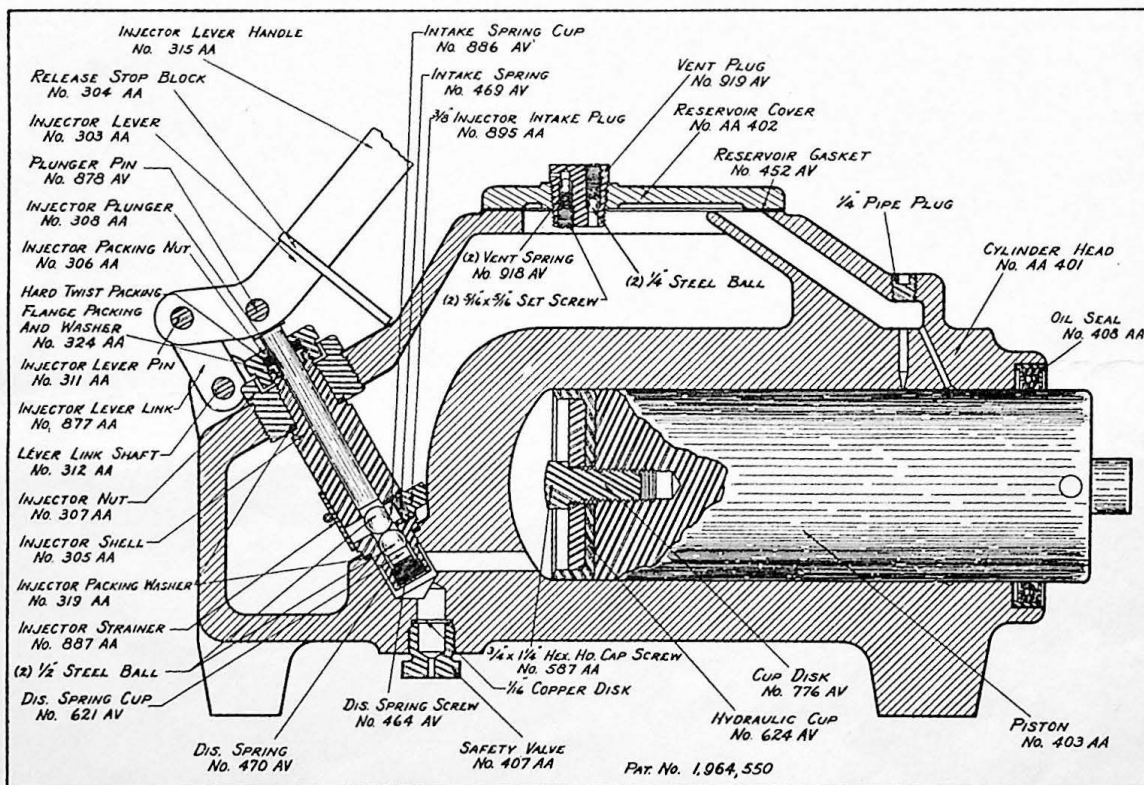




Cross section view of Power Unit for Model Nos. 770, 770-T and 771.



Cross section view of Power Unit for Model No. 775

GREENLEE TOOL CO., Rockford, Illinois, U. S. A.
(DIVISION OF GREENLEE BROS. & CO.)

Power Unit Servicing Instructions

Dirt or grit in the valves of the injector will prevent the proper operation of the bender. To remove the injector, take out the plunger pin (878AV), fold injector lever back, and unscrew injector nut (AA307) with spanner wrench. The injector can then be taken out of machine through opening in casting.

To clean the injector, take out the steel balls, springs and spring cups by unscrewing the exhaust spring stop screw (AV464) and the intake plug (AA895). Wash all parts and the inside of the shell thoroughly with gasoline. If seats of valves are worn do not reseat by drilling as this destroys their relative position. Reseating should be done by tapping the balls with a hammer, using a soft metal rod for reach.

When replacing the steel ball, exhaust spring cup (AV621), and exhaust spring (AV470), tighten the stop screw (AV464) enough to give the exhaust spring sufficient tension to hold the steel ball in its proper place. In replacing the intake spring (AV469), spring cup (AV886), and the steel ball, screw on intake plug (AA895) until it is tight.

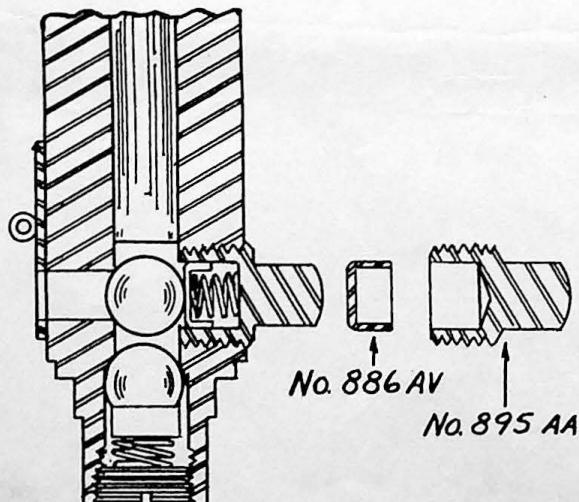
The reservoir of the machine should be thoroughly cleaned before injector is inserted, which can be easily done by removing cover. Before replacing injector, place packing washers (AA319) over the

upper and lower ends. Insert the injector in the socket of the cylinder head, the intake opening facing the lower end of the reservoir. Then screw on and tighten the injector nut (AA307) securely with spanner wrench.

It is advisable to repack the injector plunger (AA308) after the injector has been cleaned. To do this unscrew the injector packing nut (AA306), take out plunger and remove old packing. Place one flange leather packing and washer (AA324) and three single coils of $\frac{1}{8}$ " braided packing around plunger, insert plunger into injector and screw on injector packing nut as tightly as possible. Complete the assembly by inserting plunger pin (AV878). Refill reservoir with new clean oil as outlined on page 2.

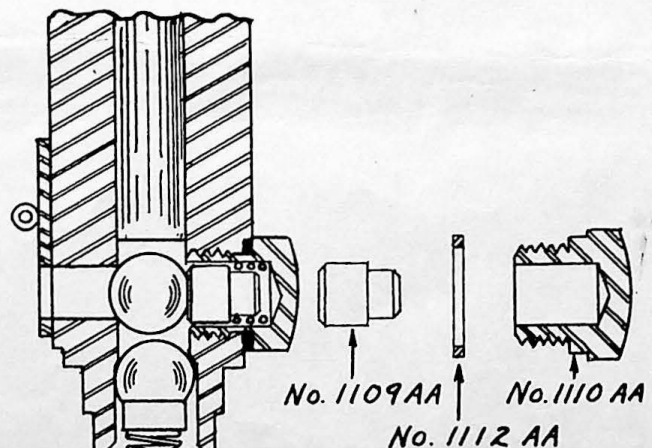
A worn Neoprene cup will cause loss of pressure. To replace it, the piston must be pulled out of the machine, and this can be done easily without disturbing the oil seal, after piston adjusting rod has been disconnected. Place the leather washer, which acts as a lubricator, between the Neoprene cup and the piston. Do not draw the holding screw too tight, as this will distort the neoprene cup. Merely tighten to keep the cup from being turned by hand. When replacing the piston, be sure that it is clean and that the wall of the cylinder is free from dirt.

INTAKE PLUG No. 895 AA, AND SPRING CUP No. 886 AV, ARE USED ON INJECTORS FOR MODEL No. 770 BENDERS WITH SERIAL No. 2814 AND SMALLER, AND FOR MODEL No. 775 BENDERS WITH SERIAL No. 6399 AND SMALLER.



OLD STYLE INJECTOR

INTAKE PLUG No. 1110 AA, SPRING PLUNGER No. 1109 AA, AND COPPER WASHER No. 1112 AA, ARE USED ON THE INJECTORS FOR MODEL No. 770 BENDERS WITH SERIAL No. 2815 AND LARGER, AND FOR MODEL No. 775 BENDERS WITH SERIAL No. 6400 AND LARGER.



NEW STYLE INJECTOR