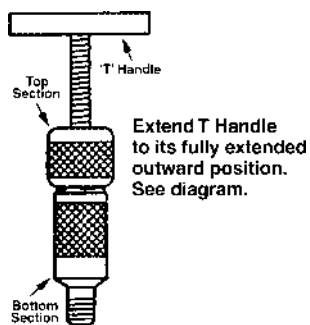
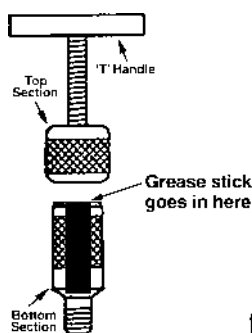


# Using "558" Re-lubrication Tool

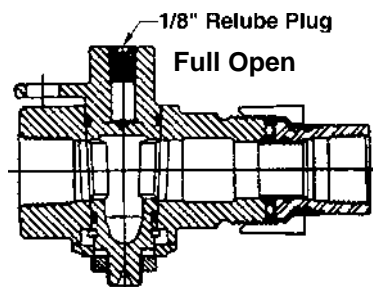
( For use on 175 PSIG Re-lube Valves and with A.Y. McDonald Grease only)



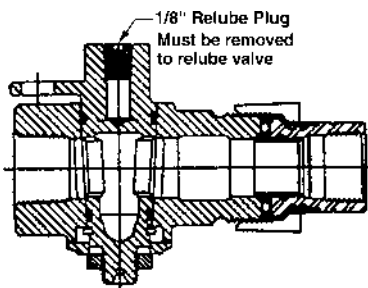
**1** Turn the "T" Handle counter-clockwise until the handle is fully extended outward (see picture), this will raise plunger & O-ring into the cap so grease may be added inside the body (bottom section) of the tool.



**2** Unscrew the top section (with the handle) from the "558" Re-Lubricating Tool, insert a stick of A.Y. McDonald Grease into the body (bottom section) of the tool, and screw the top section back onto the bottom section hand tight.



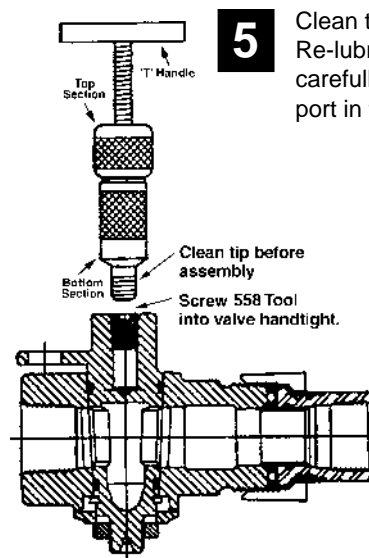
**3** A.Y. McDonald 175 PSIG Gas Valves may be re-lubricated in the full open or the full closed position when the valve is pressurized or un-pressurized.



**4** Remove the 1/8" NPT Allen Head Pipe Plug from the re-lubrication port in the head of the plug.

**NOTE:**

- A small amount of gas leakage may be observed from the re-lube port while performing this procedure, based on the amount of grease left in the valve prior to the valve being re-lubed.
- Other commercially available re-lube tools may be used, but you must check with the factory before using.
- 100 PSIG gas valves do not have re-lube ports in the plug and cannot be re-lubricated.
- The field Service Personnel, after a few trials, should be able to tell by the feel (resistance) of the handle, when the stop is filled has a adequate amount of grease in it.

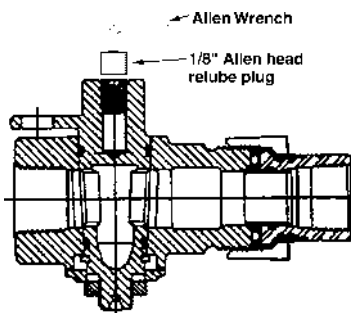


**5** Clean the nozzle tip of the "558" Re-lubrication Tool and very carefully thread it into the re-lube port in the head of the valve plug.

**6** Turn the "T" Handle clockwise to force the lubricant into the valve, if immediate resistance is felt, the "558" Re-lubrication Tool may have a hardened grease deposit in the barrel which must be removed before proceeding to re-lube the gas valve, (remove re-lube tool from the valve, unscrew the top

section from the bottom section of the re-lube tool, stick a piece of wire (smaller than opening on end of tube) through the bottom section of the re-lube tool until the wire comes out the opposite end) reassemble the top section to the bottom section, re-connect tool to valve plug re-lube port, and continue to turn the "T" Handle clockwise to force the A.Y. McDonald Lubricant into the valve. Caution: Re-lube valve carefully to insure the valve is not overlubricated.

**7** Unscrew "558" Re-lubrication Tool by turning counter-clockwise until there is only a couple threads left engaged. Turn "T" Handle clockwise to add a little more grease to fill void left in head of plug from backing off



the tool, then remove tool completely from valve (put tool back into container to avoid dirt or foreign material from contaminating grease on tool).

**8** After re-lubrication of the valve is complete, the 1/8" Allen Head Re-lube Plug must be securely replaced

in the re-lube port in the head of the valve plug and tightened with an Allen Wrench to 30 in. lbs. of torque.