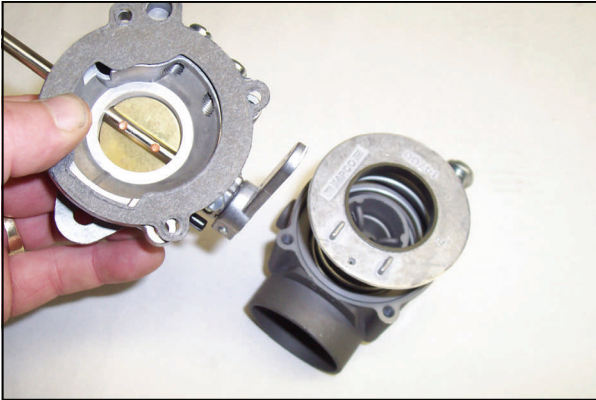


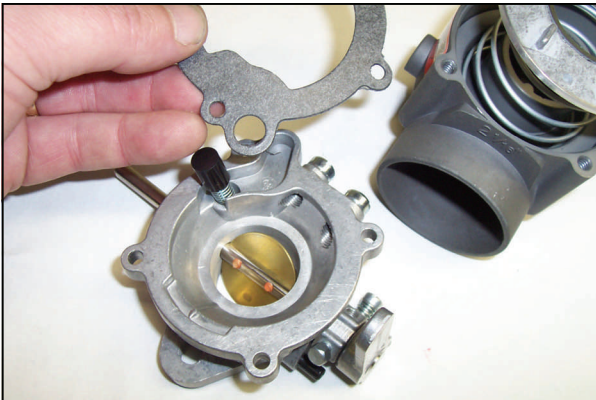
MODEL 50 SERIES REPAIR KIT INSTALLATION INSTRUCTIONS



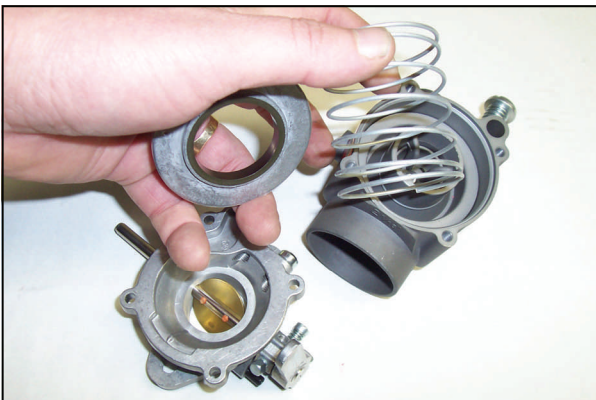
- 1 With carburetor removed from engine, remove 4 screws (G-S1-3) holding throttle body to mixer bowl.



- 2 With throttle body removed, note that gasket retains idle cutoff piston in place (under finger tip).



- 3 Remove gasket. Idle cutoff piston and spring are released. Do not lose either one.



- 4 Remove check valve plate and air valve spring. Lift air/gas valve from mixer bowl.

MODEL 50 SERIES REPAIR KIT INSTALLATION INSTRUCTIONS



- 5 Clean mixer bowl assembly in kerosene or equivalent petroleum solvent. Do not use carburetor cleaner as it will attack synthetic rubber seals.



- 6 G-RKCA50/55 KIT INCLUDES:
1 G-AV1-18 Air-Gas Valve Assy.
1 G-R1-23 Ring, Sealing
1 G-AP2-32 Plate, Check Valve
1 G-G1-92 Gasket, TB to Mixer
4 G-S1-3 Screw, 10-24 x 5/8"
1 G-P4-1 Piston, Idle cutoff
1 G-S2-44 Spring, Idle cutoff
1 G-PPI-6 Instruction



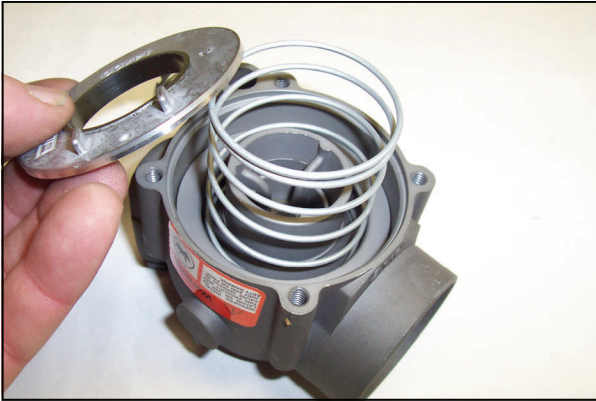
- 7 Install sealing ring in piston groove. Install one end in groove and coax the ring in spirally to avoid breaking or creasing the ring.



- 8 Replace air/gas valve assembly in mixer bowl. Tilt valve slightly to insert one end of the split sealing ring into the cylinder of the bowl. Then, using pencil lead or similar point, slide around circumference of sealing ring pressing it in until ring and assembly drop into the bowl.

NOTE: When installing the air/gas valve assembly it is recommended that a lubricant such as WD-40 be sprayed onto the mixer body well. This eliminates the possibility of the air/gas valve assembly sticking to the body.

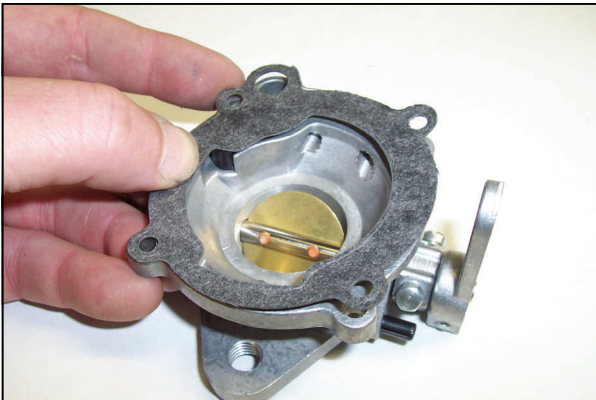
MODEL 50 SERIES REPAIR KIT INSTALLATION INSTRUCTIONS



- 9** Replace air/valve spring and check valve plate in the mixer bowl.



- 10** Shows mixer bowl assembled with check valve assembly centered towards air horn. The idle cutoff piston and spring are shown in place ready for assembly to the mixer bowl.

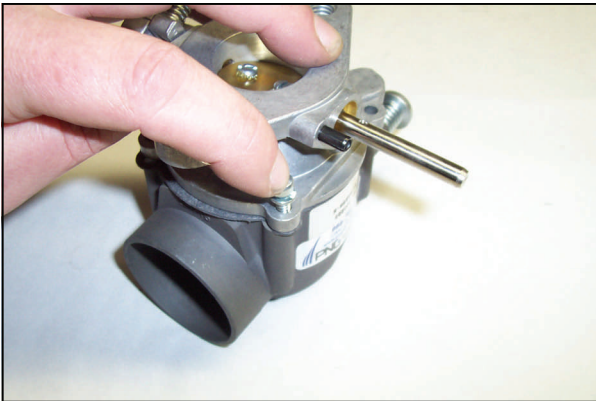


- 11** Gasket in place retaining idle cutoff piston in its recess (under thumb).



- 12** Invert throttle body, holding gasket and idle cut-off piston in place. Note cutout of gasket to clear check valve assembly on plate.

MODEL 50 SERIES REPAIR KIT INSTALLATION INSTRUCTIONS

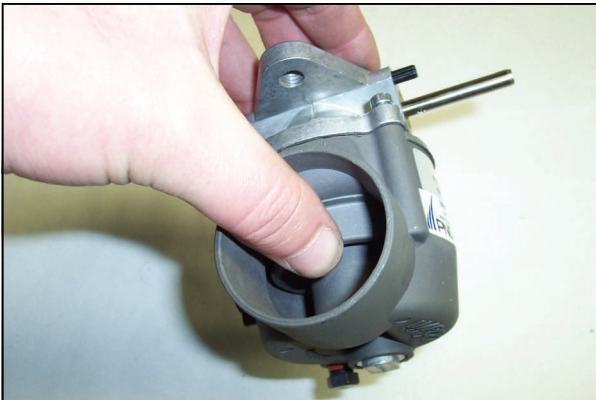


- 13** Lower throttle body gently onto mixer bowl making sure idle cutoff piston does not escape from its recess. With throttle body flush on the mixer bowl, align the holes and start the 4 screws.

NOTE: When installing the air/gas valve assembly it is recommended that a lubricant such as WD-40 be sprayed onto the mixer body well. This eliminates the possibility of the air/gas valve assembly sticking to the body.



- 14** Tighten 4 screws.



- 15** With assembly completed, reach a thumb into the carburetor air horn and lift air valve several times to check free movement. Air valve should lift easily and return slowly due to action of check valve.