PRECAUTIONS

1. **Before working on the fuel system, disconnect the cable from the negative (–) battery terminal.**
2. **When working on the fuel system, keep away from possible fire hazards and do not smoke.**
3. **Keep gasoline off rubber or leather parts.**
4. **Work only one component group at a time to help avoid confusion between similar looking parts.**
5. **Keep work area clean to avoid contamination of the carburetor and components.**
6. **Be careful not to mix up or lose clips and springs.**

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
Engine will not start/hard to start (cranks ok)	Carburetor problems ● Flooding ● Choke operation ● Needle valve sticking or clogged ● Vacuum hose disconnected or damaged ● Fuel cut solenoid valve not open ● Outer vent control valve (OVCV) operation	 Check Choke system Check float and needle valve Check fuel cut solenoid valve Check OVCV system	 FU-20 FU-20 FU-21
Rough idle or stalls	Carburetor problems ● Idle speed incorrect ● Slow jet clogged ● Idle mixture incorrect ● Fuel cut solenoid valve not open ● Fast idle speed setting incorrect (cold engine) ● Choke valve open (cold engine) ● Secondary throttle valve not close	 Adjust idle speed Adjust idle mixture Check fuel cut solenoid valve Adjust fast idle speed Check choke system	 EM-26 EM-26 FU-20 EM-29
Engine hesitates/ poor acceleration	Carburetor problems ● Float level too low ● Accelerator pump faulty ● Power valve faulty ● Choke valve closed (hot engine) ● Choke valve stuck open (cold engine) Fuel line clogged Manifold thermostat clogged	 Adjust float level Check power piston and valve Check choke system Check choke system Check fuel line Check manifold thermostat	 FU-27 FU-20 EM-54
Engine dieseling (runs after ignition switch is turned off)	Carburetor problems ● Linkage sticking ● Idle speed or fast idle speed out of adjustment ● Fuel cut solenoid faulty ● Choke valve closed (hot engine)	 Adjust idle speed or fast idle speed Check fuel cut solenoid valve Check choke system	 EM-26, 29 FU-20
Poor gasoline mileage	Carburetor problems ● Choke faulty ● Idle speed too high ● Deceleration fuel cut system faulty ● Power valve always open ● Throttle valve not close ● AAP system always operate Fuel leak	Check manifold thermostat Check choke system Adjust idle speed Check deceleration system Check AAP system Repair as necessary	EM-54 EM-26
Insufficient fuel supply to carburetor	Fuel filter clogged Fuel pump faulty Fuel line clogged Fuel line bent or kinked	Replace fuel filter Replace fuel pump Check fuel line Replace fuel line	FU-38