18. Troubleshooting

Engine Does Not Start or is Hard

To start

Engine Lacks Power

Poor Perrormance at High Speed 18-3

Hydraulic Tappet

18-4

Poor Performance At Low and

Idle Speeds

Poor Perrormance at High Speed 18-3

Hydraulic Tappet

18-4

Engine Does Not Start Or Is Hard To Start

Possible Cause Clogged fuel tube or fuel strainer 1. Check fuel flow to carburetor-Not Reaching Carburetor- Sticking float valve Reaching Carburetor Clogged fuel tank breather tube · Disconnected or faulty auto fuel valve vacuum tube Faulty spark plugs —Weak Or No Spark— Perform a spark test— Fouled spark plugs Good Spark · Faulty spark unit Broken or shorted spark plug wires · Broken or shorted ignition coil · Faulty ignition switch Faulty pulse generator Faulty engine stop switch Loose or disconnected ignition system wires 3. Test cylinder compression————Low Compression— Valve stuck open Worn cylinder and piston rings · Damaged cylinder head gasket Compression Normal Seized valve Improper valve timing 4. Start by following normal procedure-Engine Starts But Stops- Improper choke operation Carburetor incorrectly adjusted **Engine Does Not Fire** · Intake pipe leaking Improper ignition timing (Faulty spark unit or pulse generator) Fuel contaminated Carburetor flooded 5. Remove and inspect spark plug------Wet Plug- Choke closed Throttle valve open Air cleaner dirty

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