



**SUZUKI**

**2-Stroke**

# **Service Bulletin**

Subject: AUTOMATIC PETCOCK MISUSE

Bulletin No: GENERAL-10

Date: May 1, 1975

Read and Initial

Manager \_\_\_\_\_

Parts \_\_\_\_\_

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### PROBLEM:

Motorcycle seems to be locked up after being parked overnight. When kickstarting or pushing is tried, the engine will not turn over.

Extreme Case: If engine is forced in this condition, a bent connecting rod, expelled crank seals, or broken piston skirt results.

### CAUSE:

The automatic petcock was left in the PRIME position when the motorcycle was parked. This allows fuel to flow into the carburetors when the engine is not running. If the float valve is not perfectly seated, the fuel will then flow into the engine crankcase. This liquid fuel fills the crank chamber. When the owner tries to start the motorcycle, the piston cannot compress this "solid" fluid. This is termed a hydraulostatic lock condition.

### CORRECTION:

1. Warn new owners to park the motorcycle in the MAIN (#1) or RESERVE (#2) positions.
2. If this condition is present, drain the excess gasoline using the crank chamber drain plugs.
3. Since this type of engine failure is caused by misuse, U. S. Suzuki will not honor any warranty claim for bent connecting rods on these models.