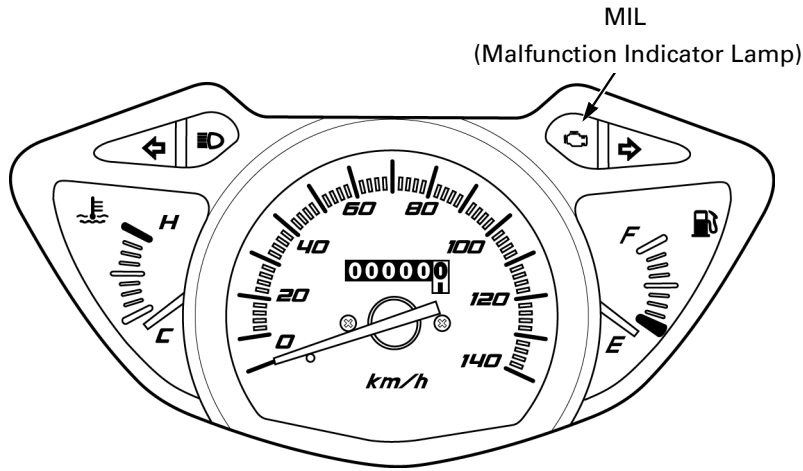


# TECHNICAL FEATURES

## SELF DIAGNOSIS FUNCTION

### MIL (Malfunction Indicator Lamp)



- When ignition switch is turned ON, PGM-FI malfunction indicator lamp (MIL) will stay on for a few seconds, then go off.
- When ECM detects an abnormal response from the electrical system, MIL blinks according to the self-diagnosis function of the system in order to remind the user of a problem.
- MIL blinks only when the ignition switch is ON with engine stopped, or the engine rev is below 2,200 min<sup>-1</sup>(rpm).
- The malfunction detected by self-diagnosis function is either open circuit or short circuit.
- ECM stores a failure code when problem is detected. Once recorded, the code remains in erasable memory until the clearing procedure is performed.
- PGM-FI system is provided with a fail-safe function that maintains a minimum running capability by using a programmed value in the simulated map even when there is problem in the system. When any abnormality is detected in injector and/or crankshaft position (CKP) sensor, the fail-safe function stops the engine to protect it from serious damage.
- The time of blinks represents each failure code (0 – 29). The MIL uses two kinds of blink duration, long blink lasts 1.3 second, whereas the short blink lasts 0.3 second.

