

SELF-DIAGNOSIS FUNCTION

The self-diagnosis function is incorporated in the ECU. The function has two modes, "USER MODE" and "DEALER MODE". The user can only be notified by the LCD(DISPLAY) panel① and the "FI" check lamp "FI"②. To check the function of the individual FI system devices, the dealer mode is prepared. In this check, the special tool is necessary to read the code of the malfunction items.

⊙ USER MODE

MALFUNCTION	LCD (DISPLAY) INDICATION①	"FI" CHECK LAMP INDICATION②	INDICATION MODE
"NO"	Speedometer	—	—
"YES" Engine can start Engine can not start	Speedometer and "FI" letters *1	"FI" check lamp comes on.	Each 2 sec. Speedometer or "FI" is indicated.
	"FI" letters *2	"FI" check lamp comes on and blinks.	"FI" is indicated continuously.

*1

When one of the signals is not received by ECU, the fail-safe circuit works and injection is not stopped. In this case, "FI" and speedometer are indicated in the LCD panel and motorcycle can run.

*2

The injection signal is stopped, when the crankshaft position sensor signal, tip over sensor signal, #1/#2 ignition signals, #1/#2 injector signals, fuel pump relay signal or ignition switch signal is not sent to ECU. In this case, "FI" is indicated in the LCD panel. Motorcycle does not run.

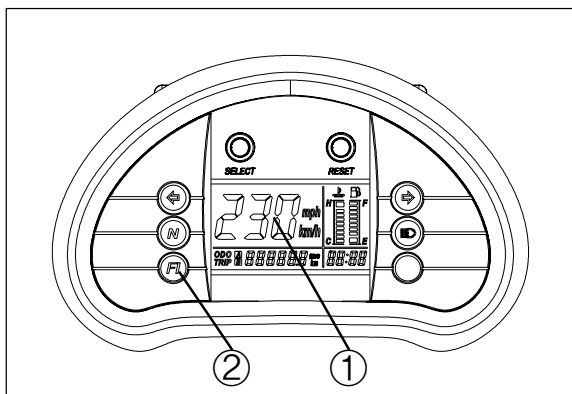
"CHEC" : The LCD panel indicates "CHE" when no communication signal from the ECU is received for 3 seconds.

For example, The ignition switch is turned "ON" position, and the engine stop switch is turned "OFF" position. In this case, the speedometer does not receive any signal from ECU, and the panel indicates "CHE".

If "CHE" is indicated, the LCD does not indicate the trouble code. It is necessary to check the wiring harness between ECU and speedometer couplers.

The possible cause of this indication is as follows, Engine stop switch is in "OFF" position. Ignition fuse is burnt.

Aquila 650 FI



Comet 650/S/R FI

