

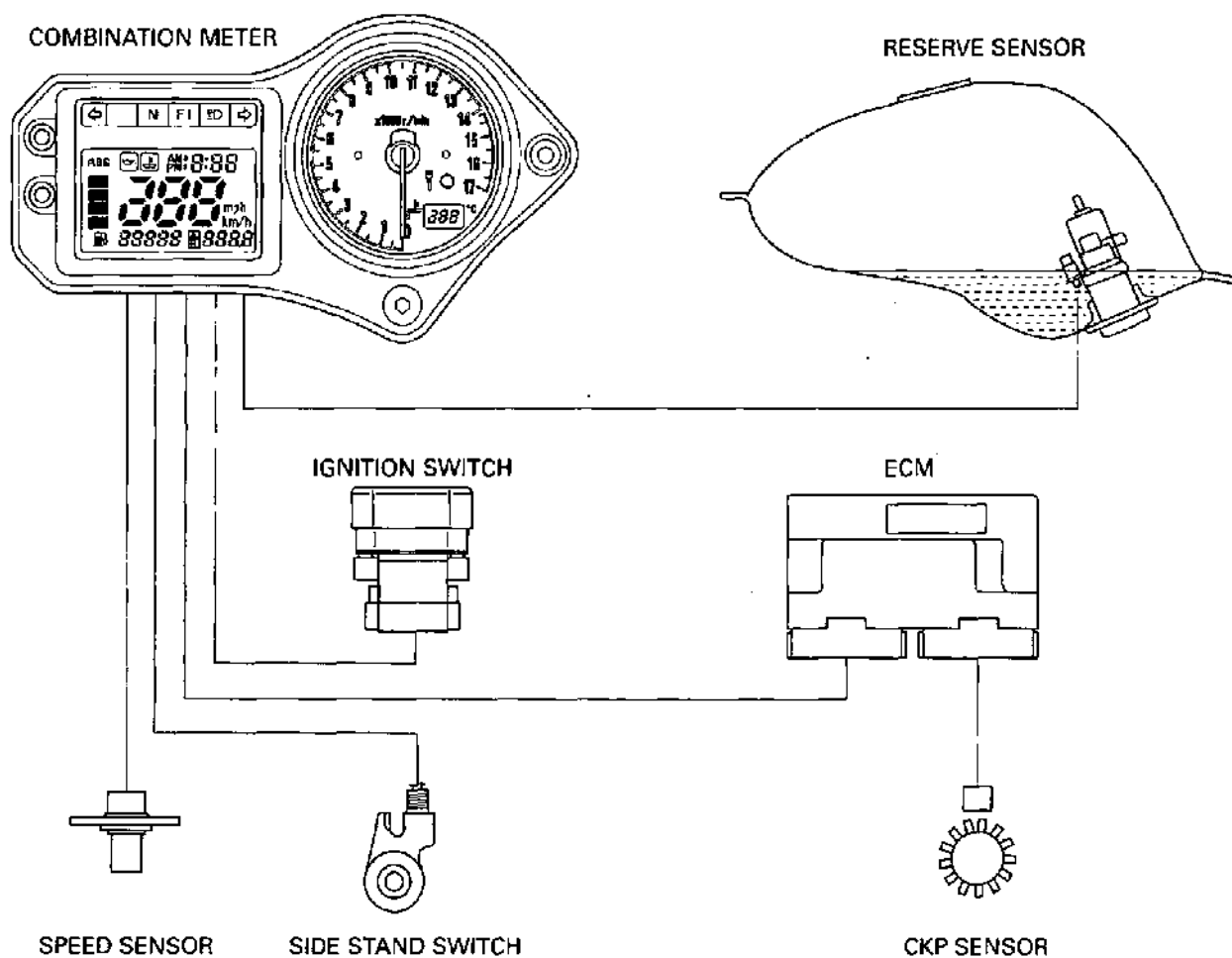
21. TECHNICAL FEATURE

FUEL RESERVE TRIP INDICATOR

This motorcycle is equipped with a fuel residual quantity indicator that indicate a residual fuel quantity according to the mileage incrementally.

The fuel reserve trip indicator is controlled by a fuel reserve sensor (thermister), ECM (engine revolution), vehicle speed sensor, side stand switch and ignition switch.

SYSTEM DIAGRAM



TECHNICAL FEATURE

Function

First the fuel reserve sensor detects a low fuel condition, the combination meter reserve indicator and four segments of the fuel reserve trip indicators all light up (Fig. 1).

As the mileage increases, the segments begin blinking from the top down (Fig. 2 – 4), until all the segments are blinking (Fig. 5).

When refueling, the fuel reserve indicator is reset when the following conditions are met:

- More than 90 seconds have elapsed after the ignition switch is turned to "ON".
- The engine is running.
- The side stand is raised.

If the ignition switch is turned to "OFF" during the 90 seconds, the fuel reserve indicator will not reset until the next 90 seconds after the ignition switch is turned to "ON".

More than 90 seconds have elapsed after the ignition switch is turned to "ON" and the engine is running, but the side stand is lowered, the indicator will still blink until the side stand is raised.

The refueling amount is less than 3.5 liter (0.92 US gal, 0.77 Imp gal), the fuel reserve indicator does not reset.

If the fuel reserve trip indicator does not operate properly, check each part individually.

If there are no problems, replace the combination meter as an assembly.

Fig. 1:

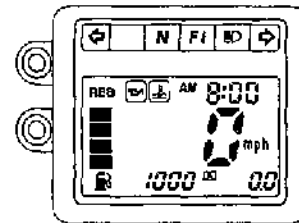


Fig. 2:

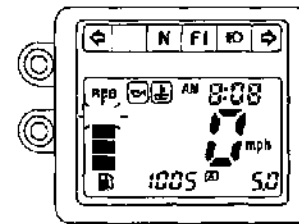


Fig. 3:

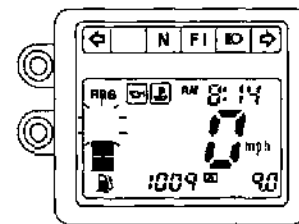


Fig. 4:

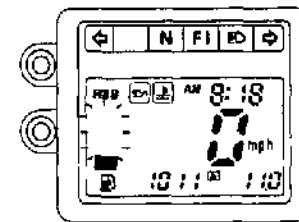


Fig. 5:

