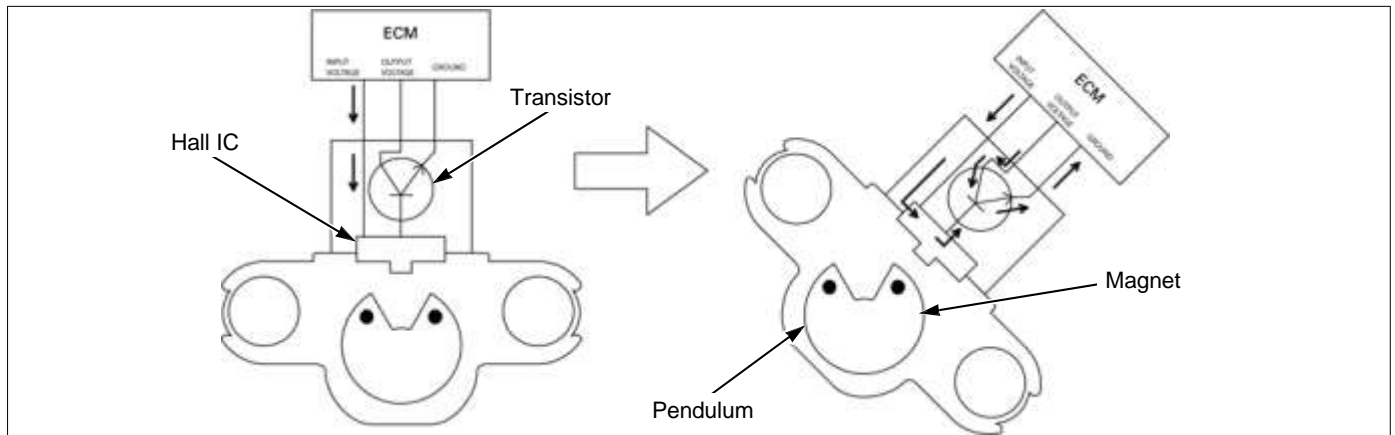




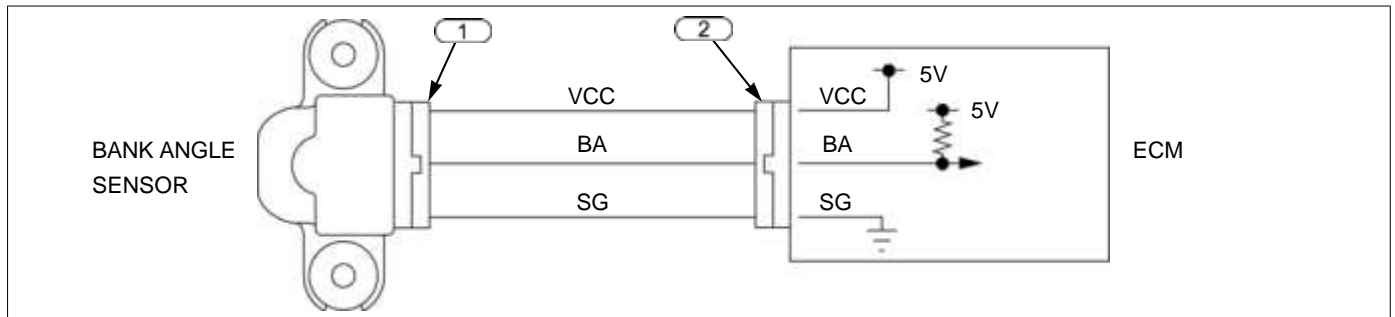
BANK ANGLE SENSOR

- On carburetor model, when vehicle is overturned, engine stops automatically because changes in float chamber occur and fuel is not supplied. On PGM-FI model, fuel will continue to discharge.
- To stop the engine with PGM-FI system when the vehicle is overturned, bank angle sensor is equipped to detect the vehicle angle. When the vehicle is inclined more than $55 \pm 5^\circ$, the ECM cuts off the power supply to the fuel pump and PGM-FI system.
- The center line of pendulum inside the bank angle sensor is kept straight with the center line of the vehicle, when the pendulum is affected by centrifugal force during turning. It is offset, when the vehicle is overturned as the centrifugal force does not work.
- When the center lines of pendulum and the vehicle is offset more than specified, the ECM stops the engine by shutting off the power supply.

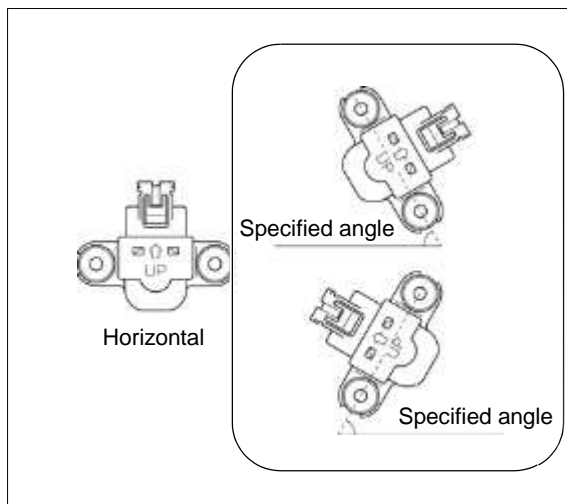


SYSTEM DIAGRAM

- ① Bank angle sensor connector (Wire side) ② ECM connector (Wire side)



SYSTEM INSPECTION



- Bank angle sensor



- Bank angle sensor connector (temporarily connecting)

- Place the bank angle sensor horizontal as shown.



- Incline the bank angle sensor angle to the left or right with keeping with the engine running.
- The bank angle sensor is normal if the engine stops after a few seconds when the bank angle sensor Inclined.

NOTE:

- If you repeat this test, first turn the ignition switch OFF, then turn the ignition switch ON.