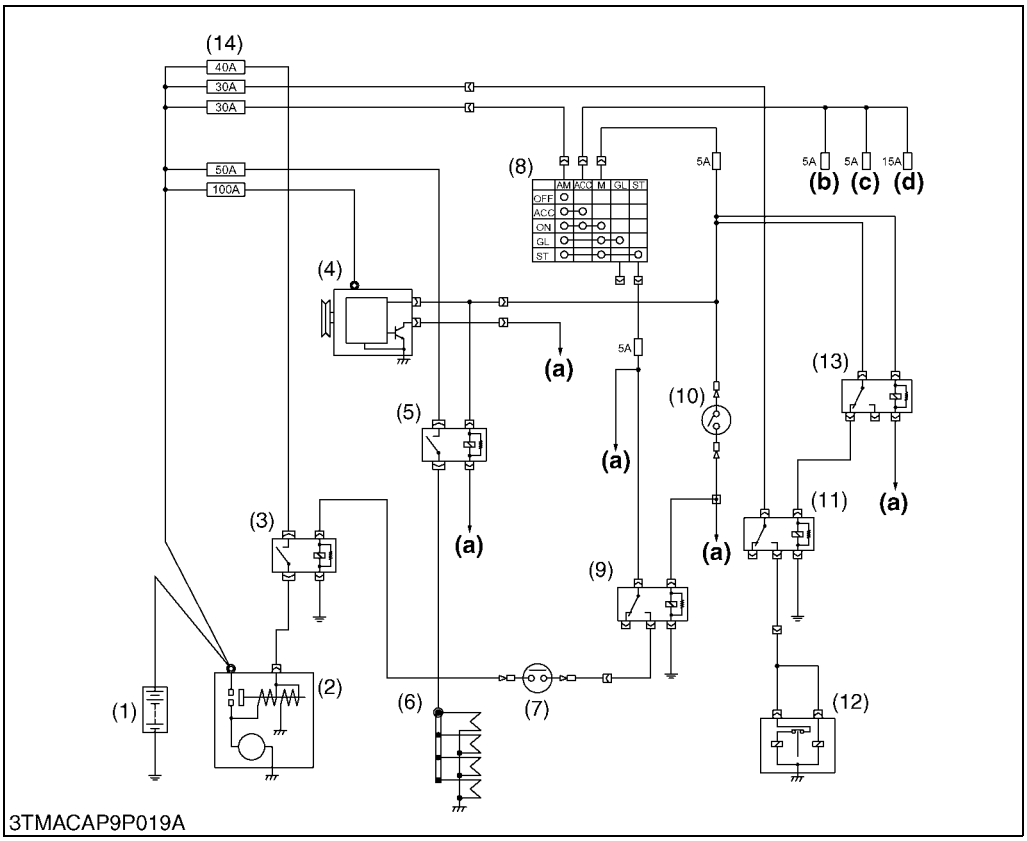
(2) CABIN Model



(1) Battery
(2) Starter Motor
(3) Starter Relay
(4) Alternator
(5) Glow Relay
(6) Glow Plug
(7) Neutral Safety Switch (Shuttle)
(8) Main Switch
(9) PTO Safety Relay
(10) PTO Switch
(11) Key Stop Relay
(12) Key Stop Solenoid
(13) Engine Stop Relay
(14) Slow Blow Fuse

(a) To Meter Panel
(b) To Radio
(c) To Air Conditioner Controller
(d) To Wind Shield Wiper

W1013253

There are four key positions, **"OFF"**, **"ACC"**, **"ON"** and **"START"** on the main switch as shown above.

When the main switch is set to **"ACC"** (accessory), the radio, windshields wiper, work lights (front and rear), cigar lighter and blower fan can be used.

When the main switch is set **"ON"**, terminal **AM** of the main switch is connected to terminal **ACC** and terminal **M**.

As a result, the battery current flows to the key stop relay (11) and the contact points of relay turned on **"ON"** position, and the key stop solenoid (12) is actuating for governor linkage, and linkage are connecting to the stop lever of injection pump, and stop lever move into **"START"** position.

When the main switch is set to **"START"** under the condition that the shuttle shift lever is neutral position and the safety switch (7) is turned on the PTO lever is in **"OFF"** position (PTO switch (10) is pushed to **"ON"**). Terminal **AM** of the main switch is connected to terminal **M** and terminal **ST**. Consequently, battery current flows to safety switches (7), (10), coil of starter relay (3), PTO safety relay (9). (When the PTO switches is set to **"OFF"**, battery current flows PTO switch (10) and coil of PTO safety relay (9).

This actuates starter (2).

When the main switch is released after starting the engine, the main switch returns to **"ON"** automatically. This stops the starter. Fuel supply and fuel stop to and from the injection pump are carried out by the key stop relay (11) and engine stop solenoid (12).