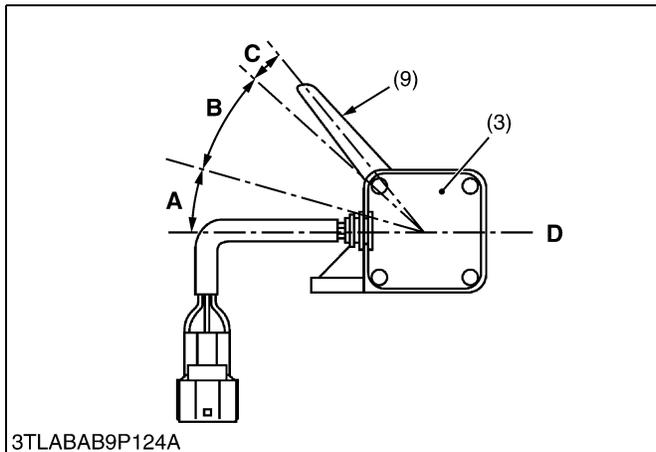
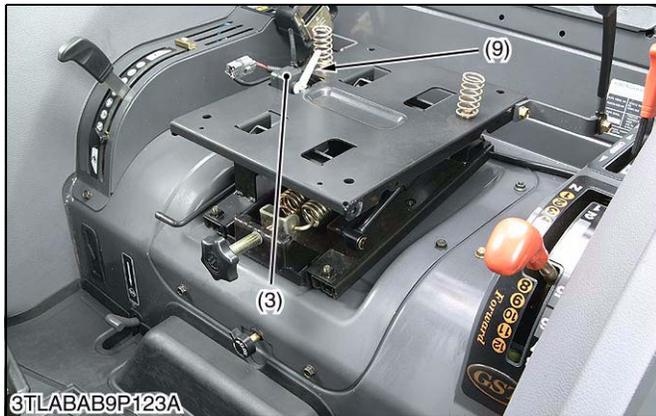
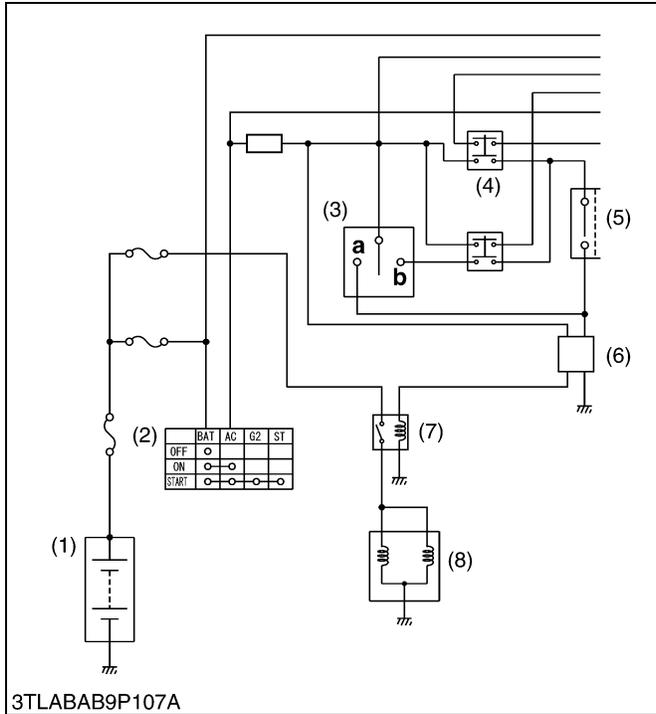


### [3] OPERATOR PRESENCE CONTROL



The L30 series tractor equips operator presence control (OPC) system which automatically stops the engine when operator stands from the seat while shifting the PTO lever, shuttle lever or HST pedal.

This system is controlled by the seat switch (3), OPC timer (6), key stop solenoid relay (7), key stop solenoid (8), PTO switch (4) and shuttle switch or HST pedal switch (5).

#### ■ Electric Circuit

1. When sitting on the seat in the state of main switch **ON**, the battery voltage passes the seat switch (3) and the OPC timer (6), and maintain the key stop solenoid relay (7).
2. When standing from the operators seat, the circuit from the seat switch (3) to the OPC timer is cut. However, if the levers (or pedal) are set at a **neutral** position, the circuit from the battery to the key stop solenoid relay (7) is formed with the lever (or pedal) switches (4), (5).
3. When standing from the seat while shifting the levers, the circuit from the battery to the key stop solenoid relay is cut, and the engine is stopped by function of key stop solenoid (8).

#### ■ OPC Timer

After the current supply cuts, the OPC timer (6) adopted for this system has maintained the state of **ON** position for about one second.

#### ■ Seat Switch

The seat switch (3) has two **ON** positions. One is sitting condition, and another is condition of seat lifting.

Therefore, if the engine is started, levers (or pedal) are shifted to neutral, it gets off from the tractor, and the seat is tilted forward, the PTO operation etc. become possible.

- |   |                                       |
|---|---------------------------------------|
| (1) Battery   | (8) Key Stop Solenoid                 |
| (2) Main Switch   | (9) Sensor Bar                        |
| (3) Seat Switch   |                                       |
| (4) PTO Switch  |                                       |
| (5) Shuttle Switch (for Manual and GST Model)<br>HST Pedal Switch (HST Model) | <b>a : Sitting on the seat</b>        |
|   | <b>b : Lifting the seat</b>           |
| (6) OPC Timer   | <b>A : Seat Switch is ON</b>          |
| (7) Key Stop Solenoid Relay   | <b>B : Seat Switch is OFF</b>         |
|   | <b>C : Seat Switch is ON</b>          |
|   | <b>D : Seat Suspension Plate Line</b> |

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