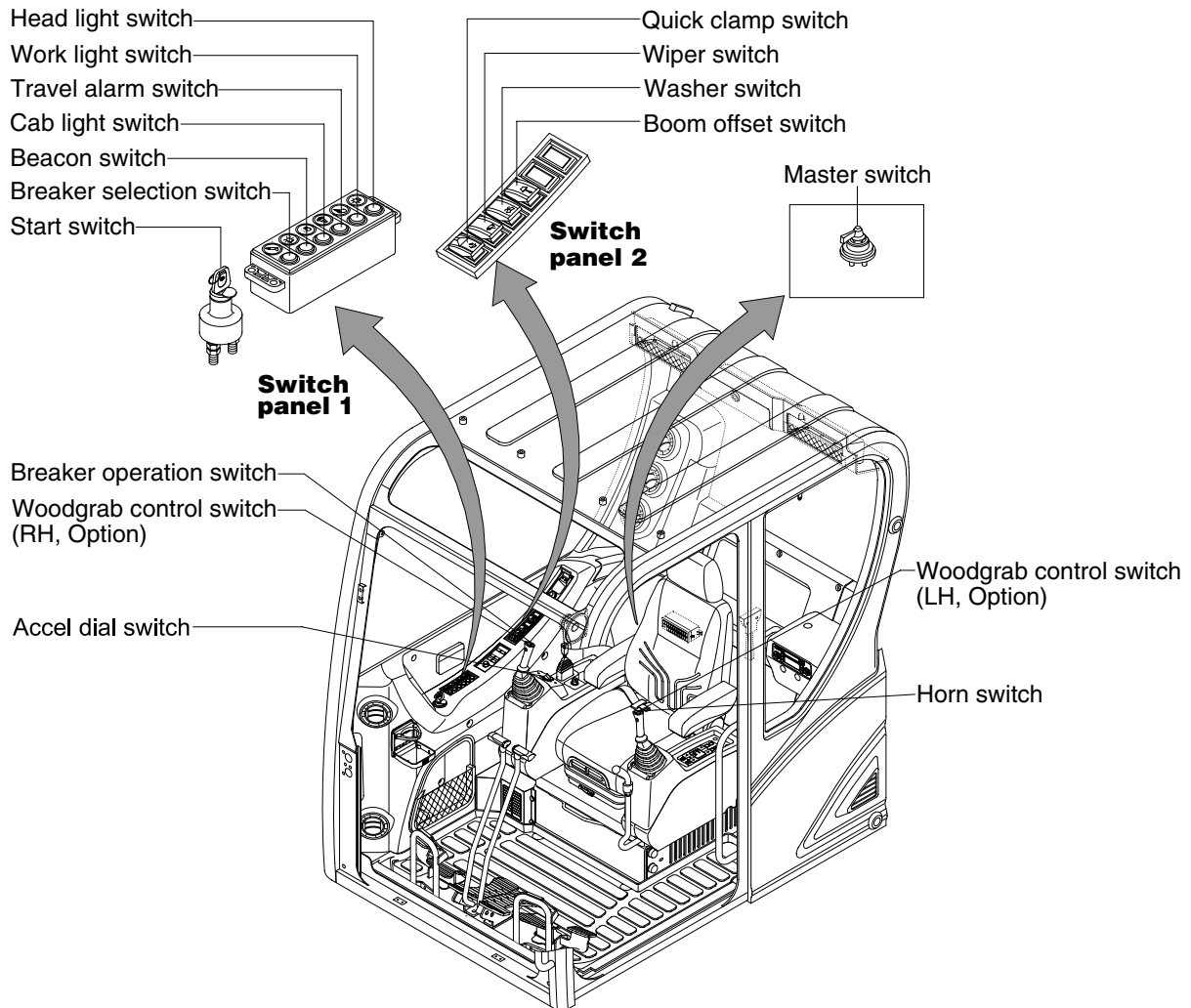
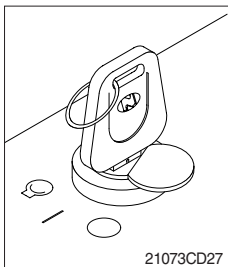


3. SWITCHES



5593CD20

1) STARTING SWITCH

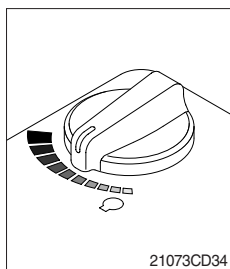


(1) There are three positions, OFF, ON and START.

- ○ (OFF) : None of electrical circuits activate.
- | (ON) : All the systems of machine operate.
- ○ (START) : Use when starting the engine. Release key immediately after starting.

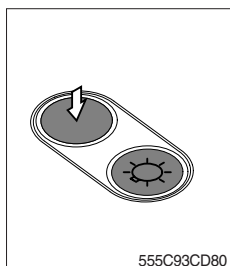
※ **Key must be in the ON position with engine running to maintain electrical and hydraulic function and prevent serious machine damage.**

2) ACCEL DIAL



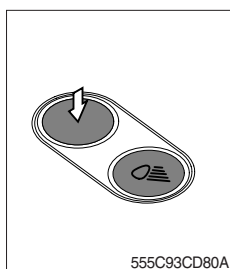
- (1) There are 10 dial setting.
- (2) Setting 1 is low idle and setting 10 is high idle.
 - By rotating the accel dial to right : Engine speed increased.
 - By rotating the accel dial to left : Engine speed decreased.

3) HEAD LIGHT SWITCH



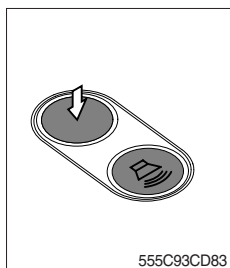
- (1) This switch is used to operate the head light.
 - Press the switch once, the head light comes ON and the pilot lamp ON.
 - Press the switch once more, the head light and pilot lamp turn off.

4) WORK LIGHT



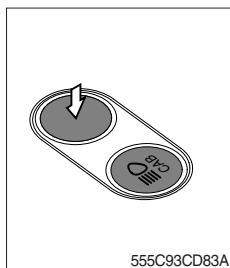
- (1) This switch is used to operate the work light.
 - Press the switch once, the work light comes ON and the pilot lamp ON.
 - Press the switch once more, the work light and pilot lamp turn off.

5) TRAVEL ALARM SWITCH



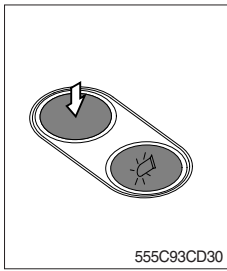
- (1) This switch is used to alarm surroundings when the machine travels to forward and backward.
- (2) On pressing this switch, the alarm operates only when the machine is traveling.

6) CAB LIGHT SWITCH



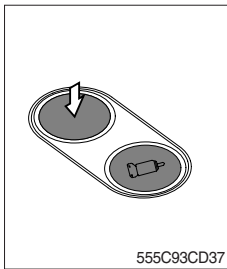
- (1) This switch turns on the cab light on the cab.

7) BEACON SWITCH (option)



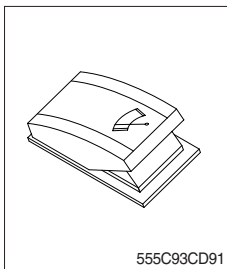
- (1) This switch turns ON the rotary light on the cab.
- (2) The below indicator lamp is turned ON when operating this switch.

8) BREAKER SELECTION SWITCH (option)



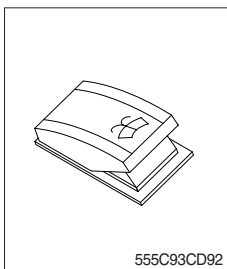
- (1) This switch is used to operate breaker.
- ※ **The breaker operates only when this switch is pressed.**

9) WIPER SWITCH



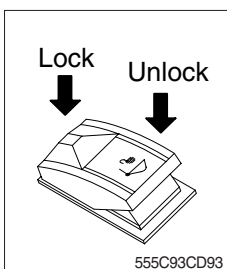
- (1) This switch is used to operate the wiper.
The wiper operates.
- ※ **Wiper motor doesn't operate with front sliding door open.**
- ※ **If wiper does not operate with the switch in the ON position, turn the switch off immediately. Check the cause. If the switch remains ON, motor failure can result.**

10) WASHER SWITCH



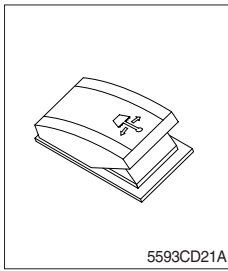
- (1) This switch is used to operate the washer.
 - The washer liquid is sprayed and the wiper is operated only while pressing this switch. If release the switch, return to the first position.

11) QUICK CLAMP SWITCH (option)



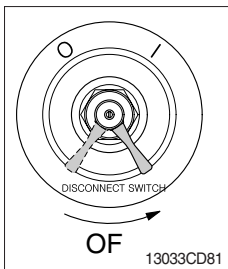
- (1) This switch is used to engage or disengage the moving hook on quick clamp.
- ※ **Refer to the page 8-6 for details.**

12) BOOM OFFSET SWITCH



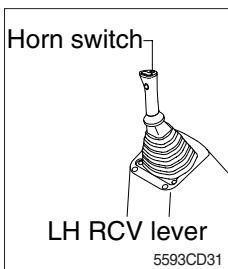
- (1) This switch is used to swing the boom to the right or left direction.
 - (2) The indicator lamp turned ON when selected this switch.
- ※ Refer to the page 4-7 for the operation.

13) MASTER SWITCH



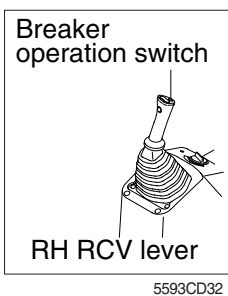
- (1) This switch is used to shut off the entire electrical system.
 - (2) I : The battery remains connected to the electrical system.
O : The battery is disconnected to the electrical system.
- ※ Never turn the master switch to O (OFF) with the engine running. It could result in engine and electrical system damage.

14) HORN SWITCH



- (1) This switch is at the top of left side control lever.
On pressing, the horn sounds.

15) BREAKER OPERATION SWITCH

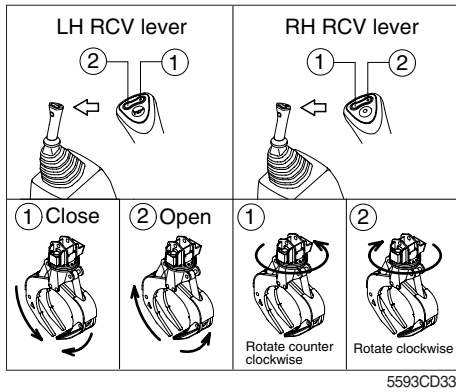


- (1) On pressing this switch, the breaker operates only when the breaker selection switch on the switch panel is selected.

16) WOODGRAB CONTROL SWITCH (option)

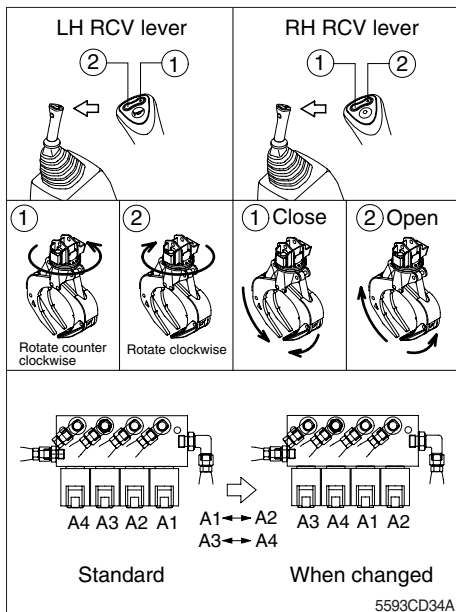
These switches are used to operate the woodgrab if equipped.

Also, the pedals are used to operate the woodgrab. Refer to page 3-17.



(1) Standard (factory spec)

- ① If the part ① of the switch on the LH RCV lever is pressed, the woodgrab is closed and if the part ② is pressed, the woodgrab is open.
- ② If the part ① of the switch on the RH RCV lever is pressed, the woodgrab rotates counterclockwise and if the part ② is pressed, the woodgrab rotates clockwise.



(2) When changed

- ① If the connection harness are altered, controlling the woodgrab can be exchanged.
 - ② If the part ① of the switch on the LH RCV lever is pressed, the woodgrab rotates counterclockwise and if the part ② is pressed, the woodgrab rotates clockwise.
 - ③ If the part ① of the switch on the RH RCV lever is pressed, the woodgrab is closed and if the part ② is pressed, the woodgrab is open.
- ※ To change the operational mode, you need to exchange the harness between the RCV lever and the solenoid valve as illustration (A1 ↔ A2, A3 ↔ A4).