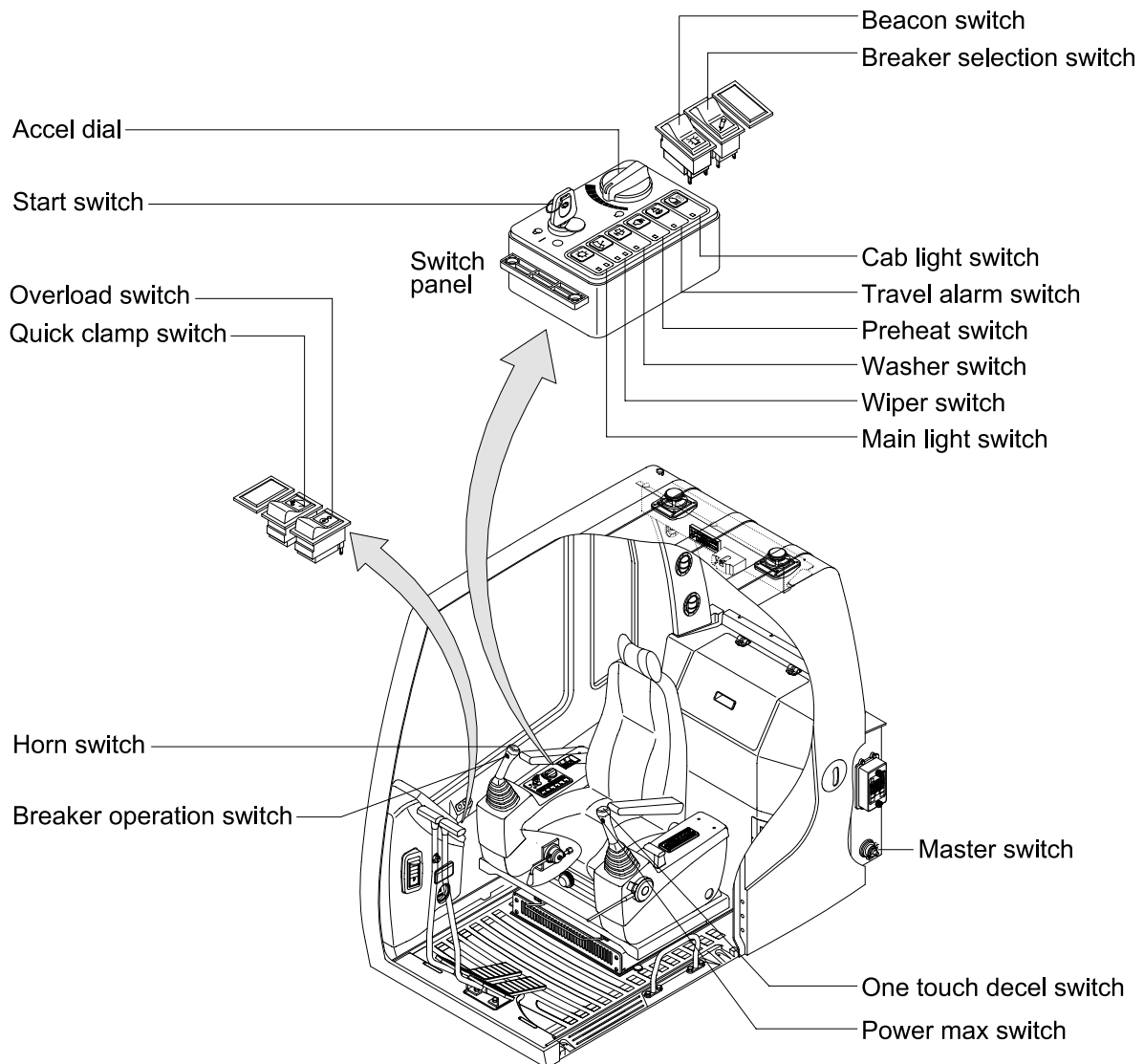
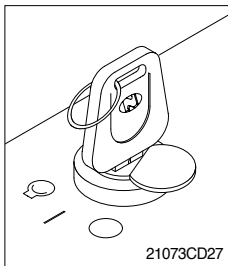


### 3. SWITCHES



21073CD26B

#### 1) STARTING SWITCH

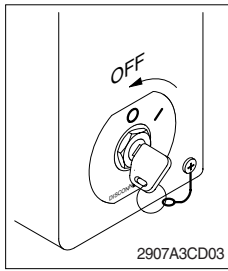


(1) There are three positions, OFF, ON and START.

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

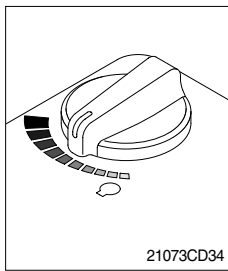
**Key must be in the ON position with engine running to maintain electrical and hydraulic function and prevent serious machine damage.**

## 2) MASTER SWITCH



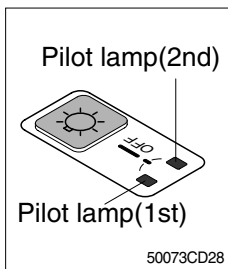
- (1) This switch is used to shut off the entire electrical system.
  - (2) I : The battery remains connected to the electrical system.  
O : The battery is disconnected to the electrical system.
- ※ **Never turn the master switch to O(OFF) with the engine running. It could result in engine and electrical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

## 3) ACCEL DIAL SWITCH



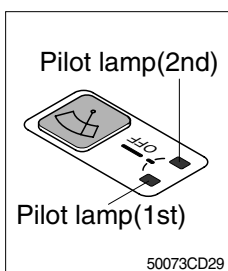
- (1) There are 10 dial setting.
- (2) Setting 1 is low idle and setting 10 is high idle.
  - By rotating the accel dial to right : Engine speed increases
  - By rotating the accel dial to left : Engine speed decreases

## 4) MAIN LIGHT SWITCH



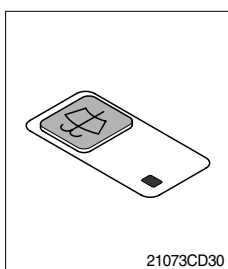
- (1) This switch used to operate the head light and work light.
  - Press the switch once to head light comes ON.
  - Press the switch once more to work light comes ON.
  - Press the switch again, return to a first step position.
  - Press the switch more than one second to turn off lights.

## 5) WIPER SWITCH



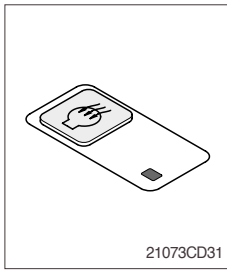
- (1) This switch used to operate wiper.
  - Press the switch once to intermittently operate wiper.
  - Press the switch once more to operate wiper low speed.
  - Press the switch again return to a first step position.
  - Press the switch more than one second to turn off wiper.

## 6) WASHER SWITCH



- (1) The washer liquid is sprayed and the wiper is operated only while pressing this switch.
- (2) The indicator lamp is turned ON when operating this switch.

## 7) PREHEAT SWITCH

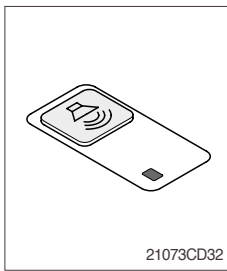


(1) This switch is used for starting the engine in cold weather. If pressed, grid heater is activated to get easier engine starting.

**Never hold the push button switch in for more than 30 seconds, as this can damage the grid heater.**

(2) The indicator lamp is turned ON when operating this switch.

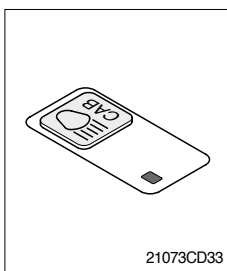
## 8) TRAVEL ALARM SWITCH



(1) This switch is to activate travel alarm function when the machine travels forward and backward.

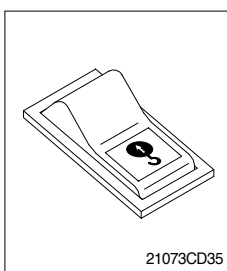
(2) On pressing this switch, the alarm buzzer sounds only when the machine is traveling.

## 9) CAB LIGHT SWITCH(Optional)



(1) This switch is used to turn ON the cab light on the cab.

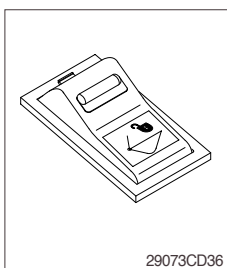
## 10) OVERLOAD SWITCH



(1) When this switch turned ON, buzzer makes sound and overload warning lamp comes ON in case that the machine is overloaded.

(2) When turned OFF, buzzer stops and warning lamp goes out.

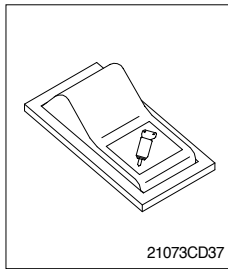
## 11) QUICK CLAMP SWITCH(Optional)



(1) This switch is used to engage or disengage the moving hook on quick clamp.

**Refer to the page 8-6 for details.**

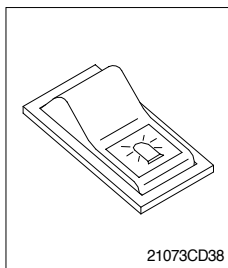
## 12) BREAKER SELECTION SWITCH(Optional)



- (1) This switch is used to select breaker.

**The breaker operates only when this switch is selected.**

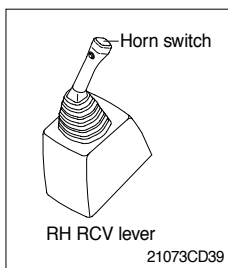
## 13) BEACON SWITCH(Optional)



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

- (2) The below indicator lamp is turned ON when operating this switch.

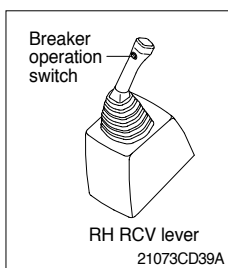
## 14) HORN SWITCH



- (1) This switch is at the top of right side control lever.

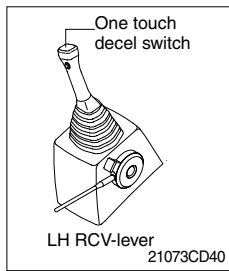
On pressing, the horn sounds.

## 15) BREAKER OPERATION SWITCH



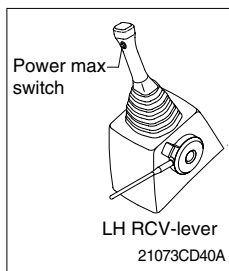
- (1) On pressing this switch, the breaker operates only when the breaker selection switch on the switch panel is selected.

## 16) ONE TOUCH DECEL SWITCH



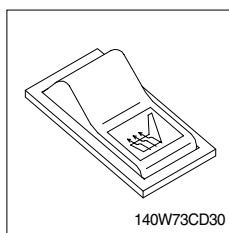
- (1) This switch is used to actuate the deceleration function quickly.
- (2) The engine speed is increased to previous setting value by pressing the switch again.

## 17) POWER MAX SWITCH



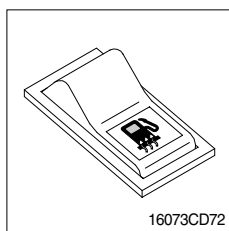
- (1) This switch activate power max function.  
When this switch is kept pressed, hydraulic power of work equipment will be increased upto 110 percent during 8 seconds.
  - (2) After 8 seconds, function is cancelled automatically even switch is keep pressed.
- ※ **Do not use for craning purposes.**

## 18) SEAT HEATER SWITCH(Optional)



- (1) This switch is used to heating for seat.
- (2) On pressing the switch, the below indicator lamp is turned ON.
  - Heater operating temperature :  $28 \pm 3.5^{\circ}\text{C}$
  - Heater operating cancel temperature :  $37 \pm 3^{\circ}\text{C}$

## 19) FUEL WARMER SWITCH



- (1) This switch is used to heating for fuel in cold weather.
- (2) On pressing the switch, the below indicator lamp is turned ON.