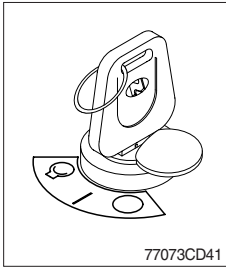


## 3. SWITCHES

### 1) START SWITCH



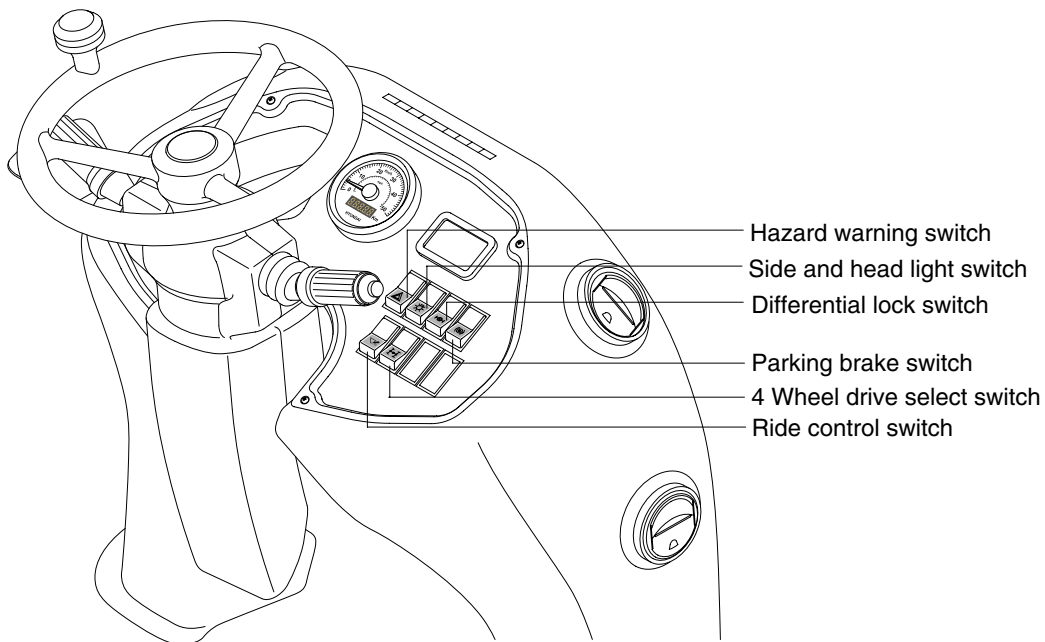
① There are three positions, OFF, ON and START.

- ○ (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.**

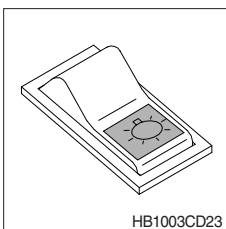
### 2) FRONT CONSOLE SWITCHES

Each switch has an insert with a graphic symbol, this symbol and the switch descriptions are detailed below.



HB1003CD60

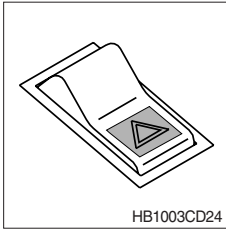
#### (1) Side lights and headlights switch



① This switch use to operate the side lights and head lights by two steps.

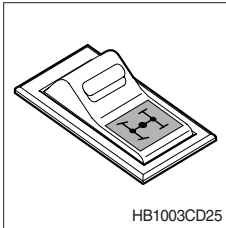
- 1st step : Side lights come ON.
- 2nd step : Head lights come ON.

## (2) Hazard warning lights switch



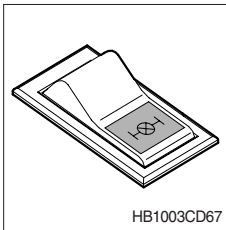
- ① Press to switch on the hazard warning lights. A light on the instrument panel flashes with the outside light.

## (3) 4 Wheel drive select switch



- ① Press this switch for 4 wheel drive mode.
- ※ Use 2 wheel drive mode when driving long distance or high speed.
- ※ Use 4 wheels drive mode when operating in heavy duty site conditions, for instance, deep mud, undulating surfaces, slurry etc.

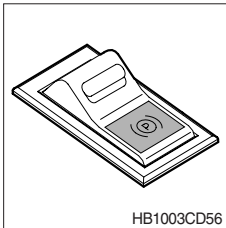
## (4) Differential lock switch



- ① This switch is used to apply differential lock. The differential lock gives equal power to both rear wheels and is used in conditions when traction is poor.
- ※ Make sure that this switch must be on when machine is stationary and neutral position of FNR lever.

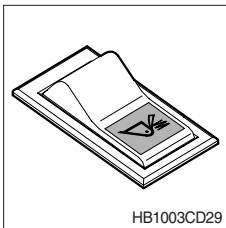
**▲ Do not switch on driving. Otherwise it will cause the failure of differential and differential lock system.**

## (5) Parking brake switch



- ① This is used to apply the parking brake.
- ※ Refer to page 3-17 for details.

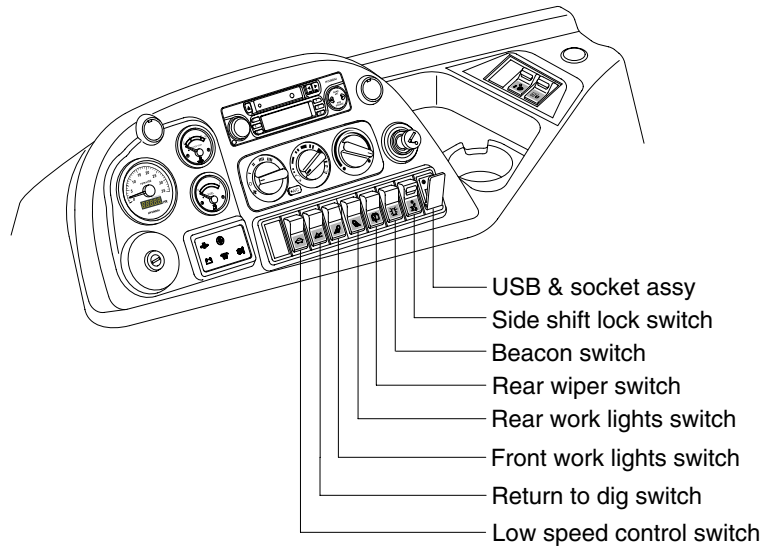
## (6) Ride control switch (if fitted)



- ① This switch is used to operate the ride control system.
- ② The ride control system will smooth the ride of the machine during traveling uneven grounds.

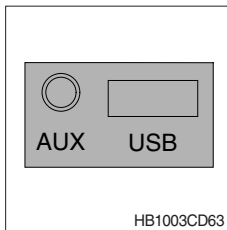
### 3) SIDE CONSOLE SWITCHES

Each switch has an insert with a graphic symbol, this symbol and the switch descriptions are detailed below. The pilot lamp is turned ON when operating these switches.



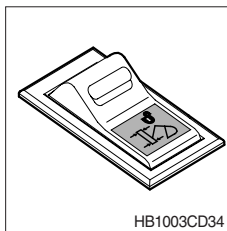
HB1003CD61

#### (1) USB & socket



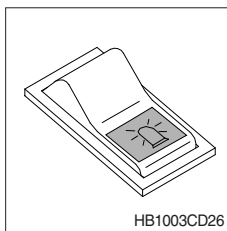
- ① MP3 player can be connected to the USB port.
- ② In addition, it is possible to use input port for ear phone or other instruments, implements etc.

#### (2) Side shift lock switch



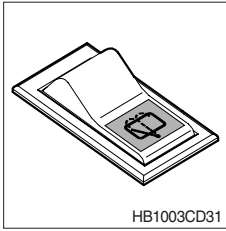
- ① This switch is used to move the side shifting the backhoe.
- ※ Refer to page 4-18 for side shifting the backhoe.

#### (3) Beacon switch



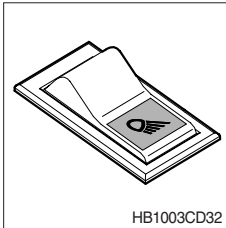
- ① Press to switch on the flashing beacon.

#### (4) Rear window wiper switch



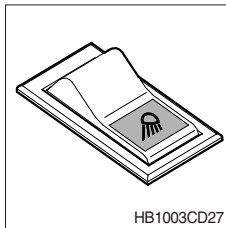
- ① Press to switch on the rear window wiper. Press again to operate the washer. Note that the wiper will self-park when switched off.

#### (5) Rear work lights switch



- ① Press down to switch on the rear work lights. The work lights will work independently of the main lights circuit.

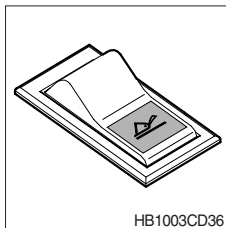
#### (6) Front work lights switch



- ① Press to switch on the front work lights. The work lights will work independently of the main lights circuit.

**▲ Do not drive on the road with the work lights switched on. You can interfere with other drivers visibility and cause an accident.**

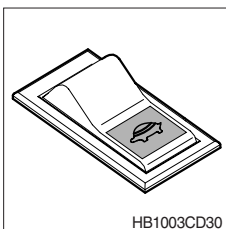
#### (7) Return to dig switch



- ① This switch is use to roll the shovel from the rolled forward position into digging position quickly and easily.

※ Refer to page 3-19 for details.

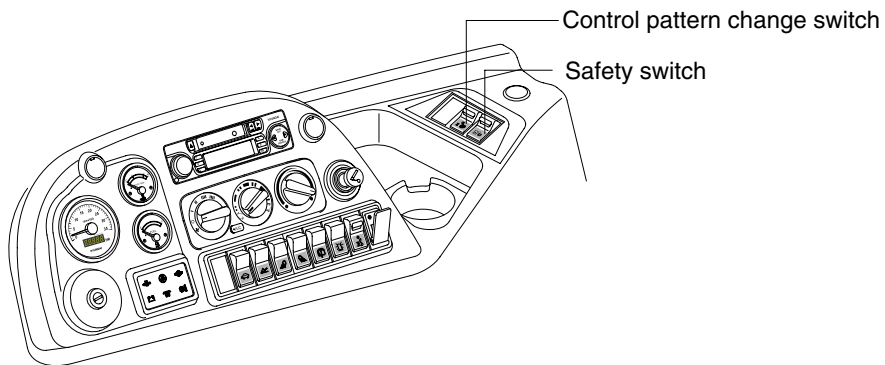
#### (8) Low speed control switch



- ① This switch is used to slow down the loader operation.
- ② If this switch is pressed, the flow from one of two hydraulic pumps is drained to the hydraulic tank directly.

※ Press on this switch when traveling on the road.

#### 4) REAR CONSOLE SWITCHES



HB1003CD62

##### (1) Safety switch (backhoe and stabilizer)

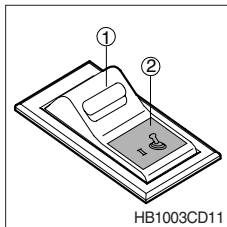


- ① Press down to switch off safety switch.

The control lever of backhoe and stabilizer lever are disabled from operation.

※ Be sure to switch off position when leaving from operator's seat.

##### (2) Control pattern change switch (if fitted)

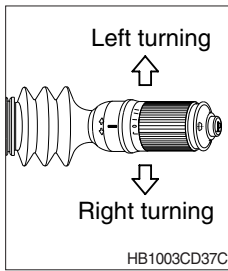


- ① This switch is used to change the backhoe controls.

- Position ① : ISO type (+) pattern
- Position ② : Hyundai A type (+) pattern

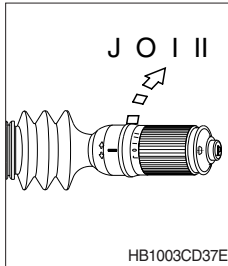
※ Refer to the page 3-20 for the details.

## 5) MULTI-FUNCTION SWITCH



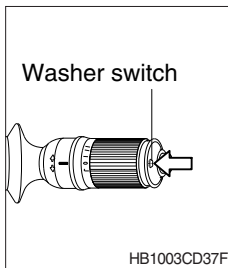
### (1) Turning switch

- ① This switch is used to warn or signal the turning direction of the machine to other vehicles or equipment.
- ② Push the lever up for turning left, pull the lever down for turning right.



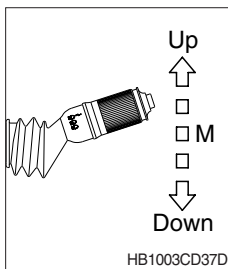
### (2) Windscreen wiper

- ① Rotate the lever barrel to switch the window screen wipers on and off. The following functions are available.  
J Intermittent wipe      I Slow  
O OFF                      II Fast
- ② The wipers will self-park when switched off.



### (3) Windscreen washer

Push the button towards the steering wheel to operate the windscreen washer.



### (4) Dimmer switch

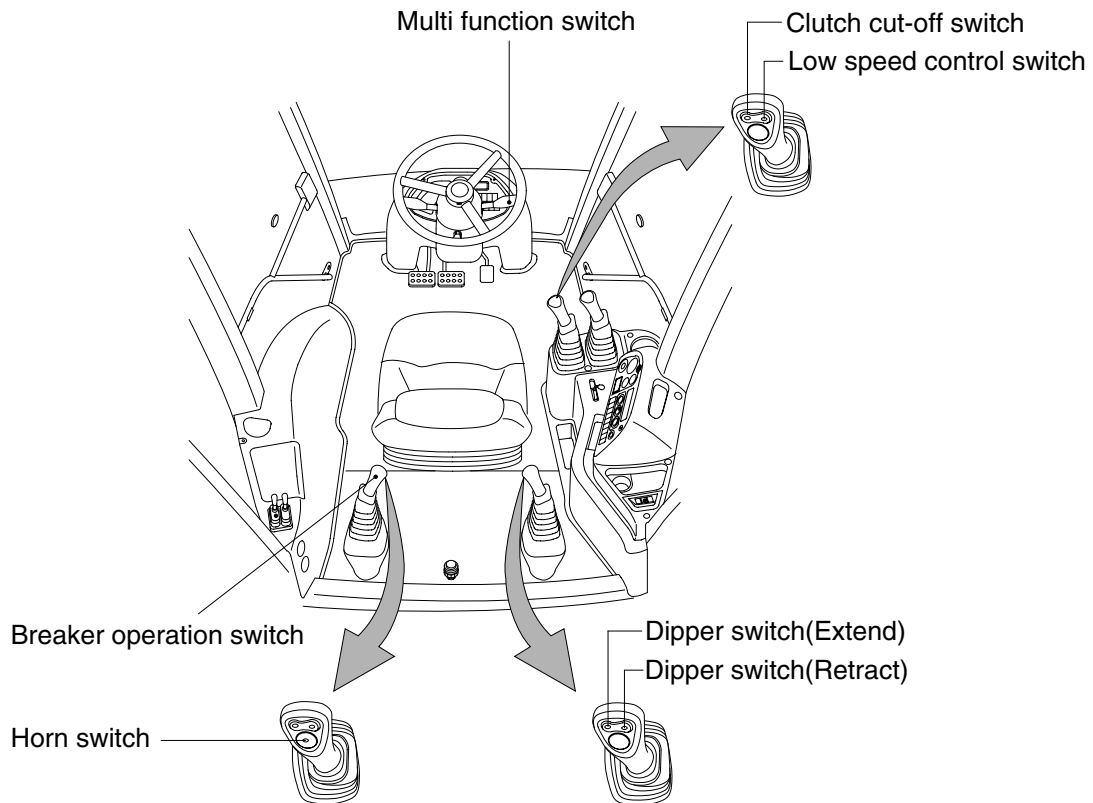
- ① This switch is used to turn the head lights direction.
- ② Switch positions
  - Up : To flash for passing
  - Middle : Head lights low beam ON
  - Down : Head lights high beam ON
- ③ If you release the switch when it's in up position, the switch will return to middle.



### (5) Horn

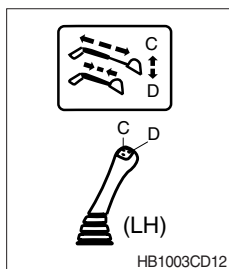
Push the button on the top of the multifunction switch, the horn will sound.

## 6) SWITCHES ON CONTROL LEVERS



HB1003CD65

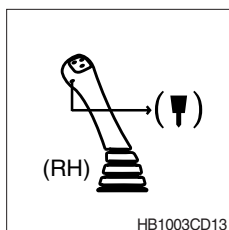
### (1) Extending dipper switch (if fitted)



- ① This switch is at the top of left side (backhoe side) control lever.  
On pressing switch "C", the dipper extends.  
On pressing switch "D" the dipper retracts.

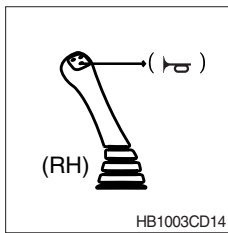
※ Refer to the page 4-19 details.

### (2) Breaker operation switch (if fitted)



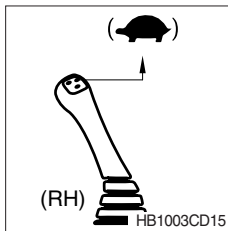
- ① This switch is at the top of right side control lever (backhoe side).  
On pressing this switch, the breaker operates.

### (3) Horn switch



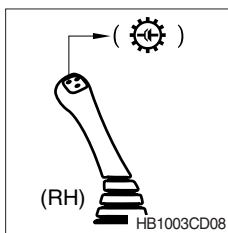
- ① This switch is at the top of right side control lever (backhoe side).  
On pressing this switch, the horn sounds.

### (4) Low speed control switch



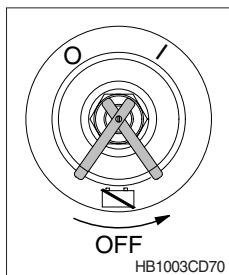
- ① This switch is at the top of right side control lever (loader side).  
The speed of loader is slow while pressing the switch.
- ② To use this switch intermittently (for instance, when entering a stock-pile), refer to the page 3-9.

### (5) Clutch cut-off switch



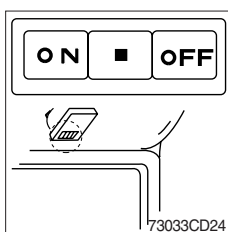
- ① This switch is at the top of right side control lever (loader side).  
On pressing, the transmission is cut-off from the engine. This gives more power to the loader.

## 7) 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. Engine and electrical system damage could result.**

## 8) CAB INTERIOR LIGHT



- (1) Press ON/OFF to switch on the cab interior light.  
Make sure the light is turned off when you intend to leave the machine for a long period of time.