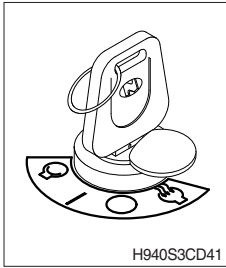


GROUP 4 SWITCHES

1) START SWITCH



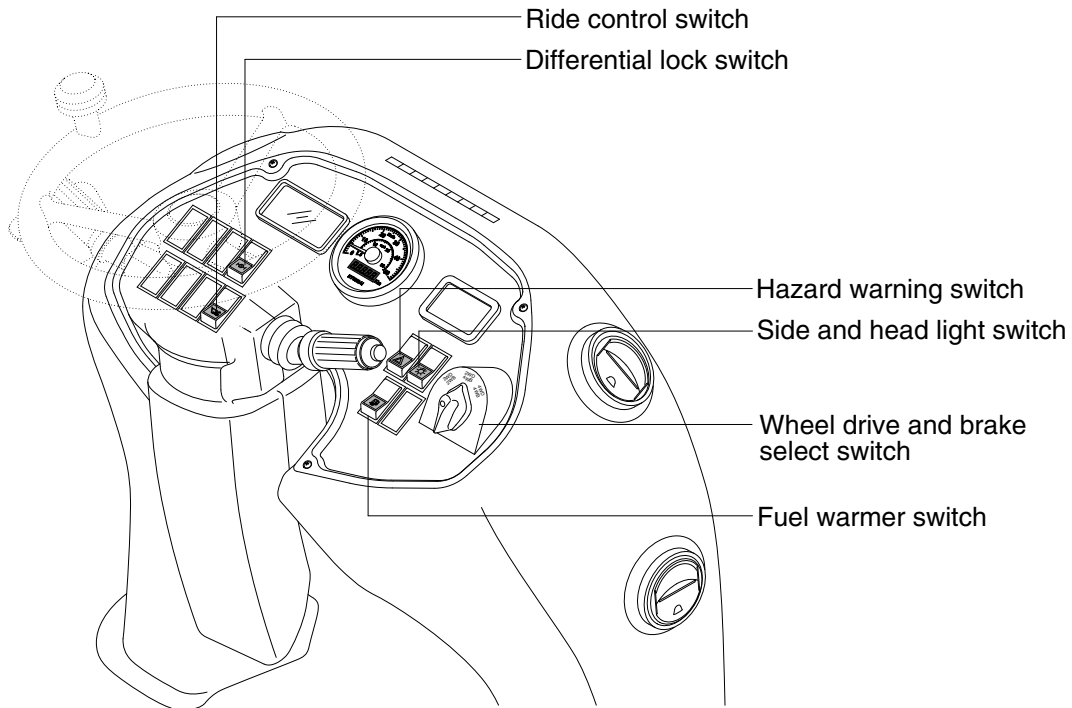
① There are three positions, OFF, ON and START.

- ○ (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.

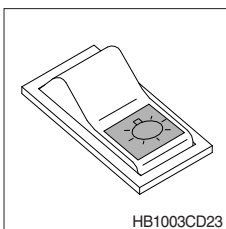
2) FRONT CONSOLE SWITCHES

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



H930ST3CD60

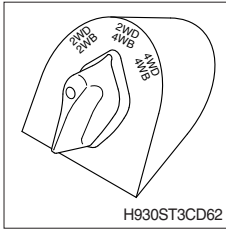
(1) Side lights and headlights switch



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

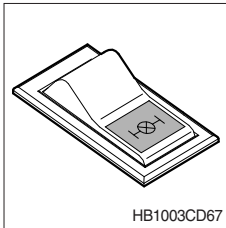
- 1st step : Side lights come ON.
- 2nd step : Head lights come ON.

(2) Wheel drive and brake select switch



- ① This switch is used to engage or disengage wheel drive and brake mode.
 - 2WD / 2WB : Rear wheels drive with braking only on rear wheels
 - 2WD / 4WB : Rear wheels drive with braking on four wheels
 - 4WD / 4WB : Four wheels drive with braking on four wheels
- ※ Use 2 wheels 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.

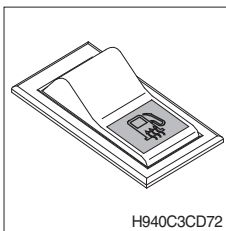
(3) Differential lock switch



- 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.**

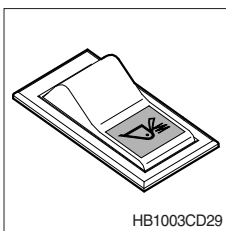
(4) Fuel warmer switch (option)



- ① This is used to operate the fuel warmer system in cold weather.
 - ② Turn engine starting switch to "ON" position and press the fuel warmer switch ON.

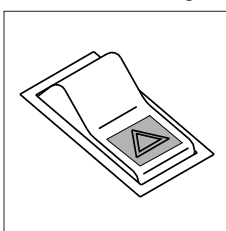
Then, start engine after waiting about 1-2 minutes.
More time may take according to ambient temperature.
- ※ **It is recommended to press this switch off when the coolant temperature reaches about 50°C.**

(5) Ride control switch (option)



- 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.

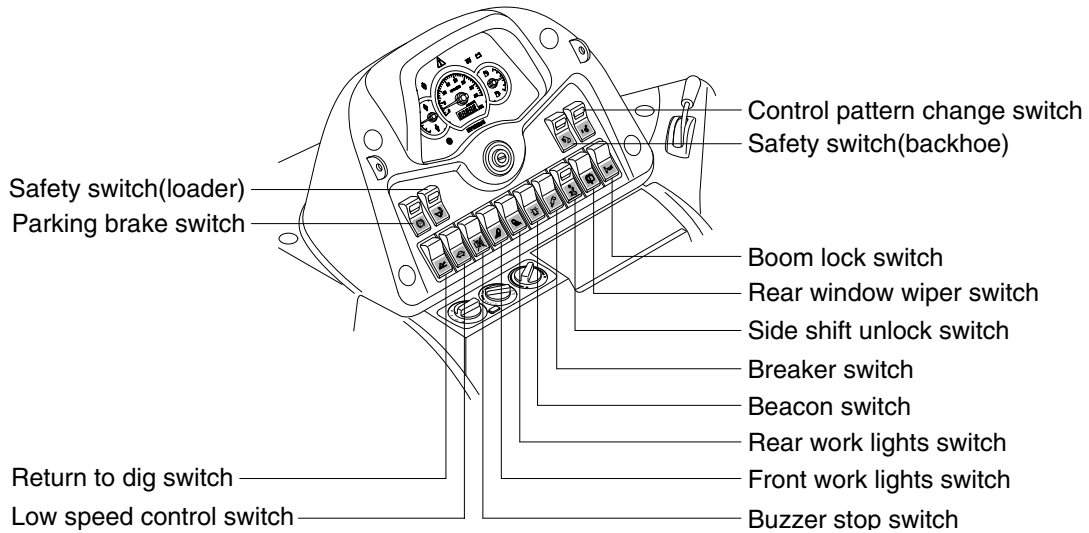
(6) Hazard warning switch



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

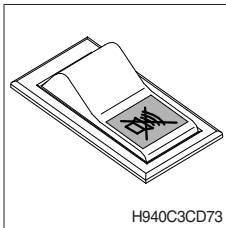
3) SIDE CONSOLE SWITCHES

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.



H930ST3CD61

(1) Buzzer stop switch

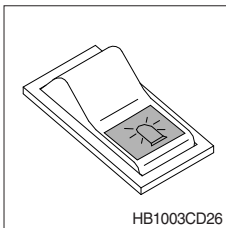


① This switch is used to stop the buzzer sound when the machine has a problem.

In this case, if the switch is pressed, the sound will be stopped.

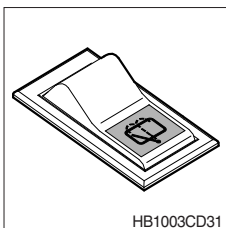
※ Be sure to check machine for problems.

(2) Beacon switch (option)



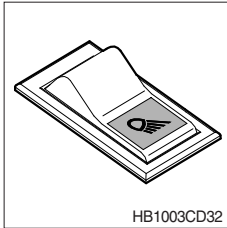
① Press to switch on the flashing beacon.

(3) Rear window wiper switch (option)



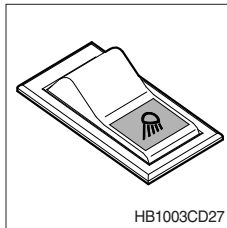
① Press to switch on the rear window wiper. Press again to operate the washer. Note that the wiper will self-park when switched off.

(4) 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.

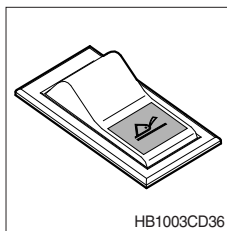
(5) Front work lights switch



- 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.

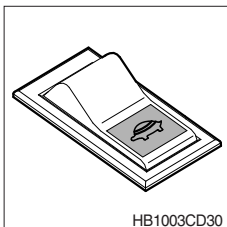
(6) Return to dig switch (option)



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

※ Refer to page 3-20 for details in operator's manual.

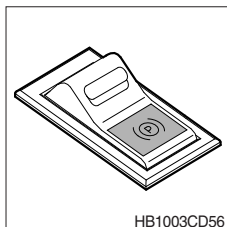
(7) Low speed control switch



- ① This switch is used to slow move the loader & backhoe 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.

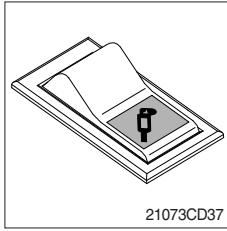
(8) Parking brake switch



- ① This is used to apply the parking brake.

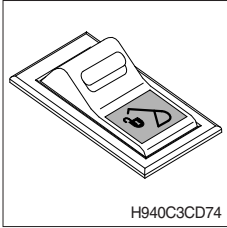
※ Refer to page 3-18 for details in operator's manual.

(9) Breaker switch (option)



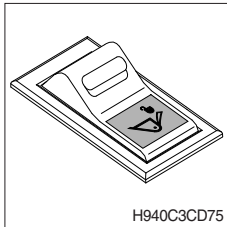
- ① This switch is used to select breaker operation.
- ※ The breaker operates only when this switch is selected.

(10) Safety switch (backhoe, option)



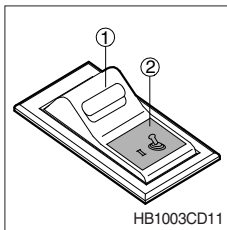
- ① Press down to switch off safety switch.
The control lever of backhoe and stabilizer lever are disabled from operation.
- ※ Be sure to switch off position when leaving from operator's seat.

(11) Safety switch (loader, option)



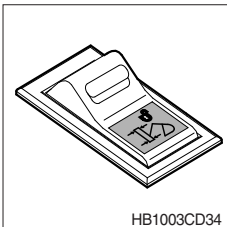
- ① Press down to switch off safety switch.
The control lever of loader are disabled from operation.
- ※ Be sure to switch off position when leaving from operator's seat.

(12) Control pattern change switch (if fitted, option)



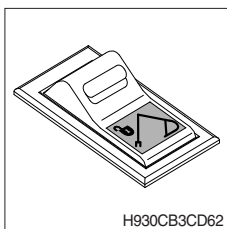
- ① This switch is used to change the backhoe controls.
 - Position ① : ISO type (+) pattern
 - Position ② : Hyundai A type (+) pattern
- ※ Refer to the page 3-21 for the details in operator's manual.

(13) Side shift unlock switch



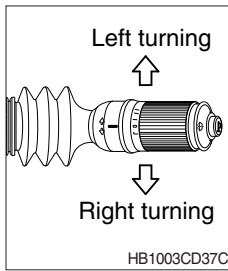
- ① This switch is used to move the side shifting the backhoe.
- ※ Refer to page 4-16 for side shifting the backhoe in operator's manual.

(14) Boom lock switch



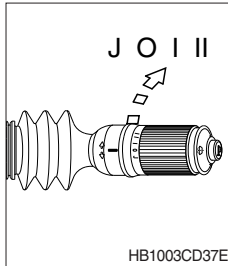
- ① Press the switch to lock position for secure boom lock.
- ② Press the switch to unlock position and raise the boom slightly to release the lock.

4) MULTI-FUNCTION SWITCH



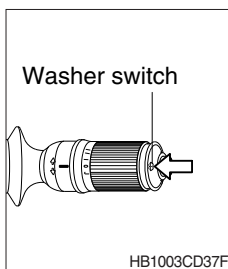
(1) Turning switch

- 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.



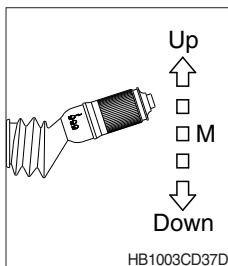
(2) Windscreen wiper

- 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.



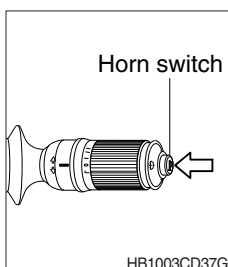
(3) Windscreen washer

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



(4) Dimmer switch

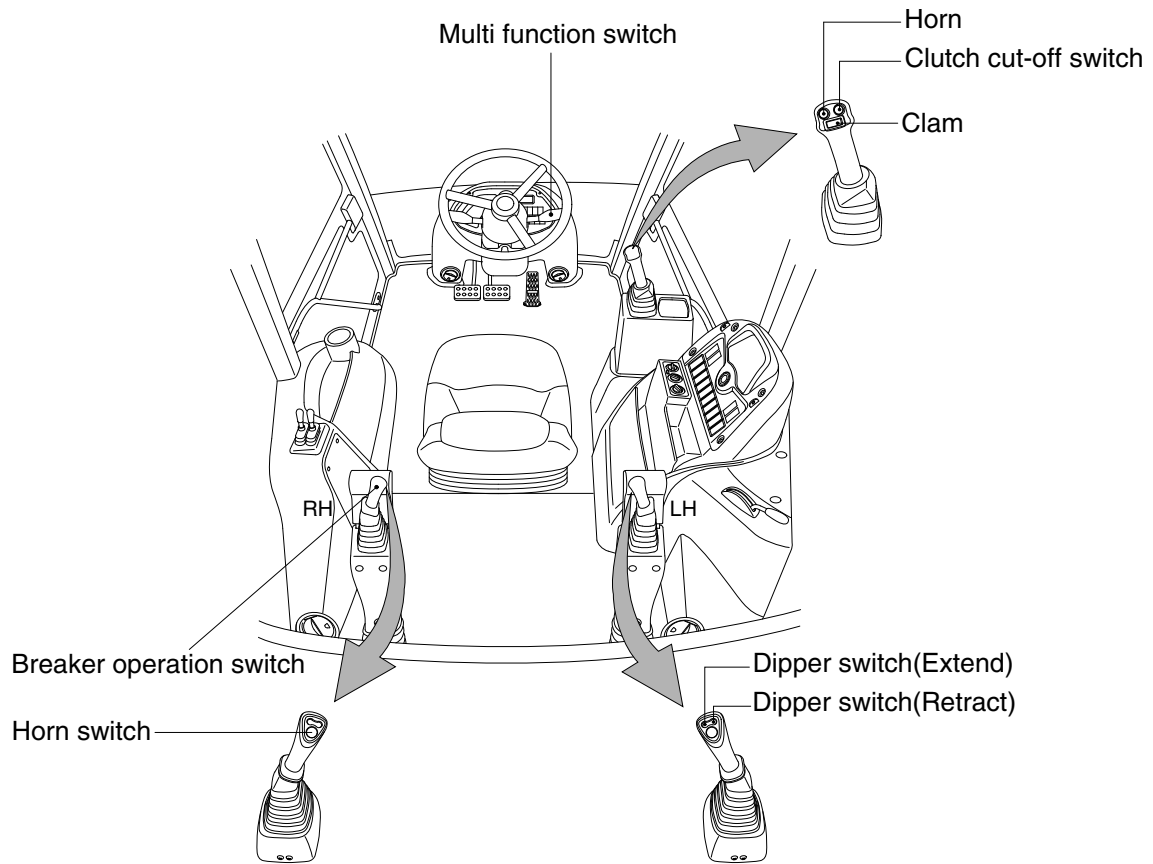
- ① This switch is used to turn the head lights direction.
- ② Switch positions
 - Up : To flash for passing
 - Middle : Head lights low beam ON
 - Down : Head lights high beam ON
- ③ If you release the switch when it's in up position, the switch will return to middle.



(5) Horn

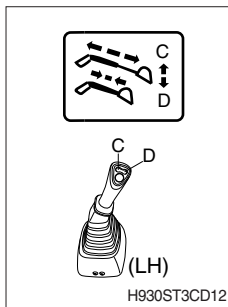
Push the button on the top of the multifunction switch, the horn will sound.

5) SWITCHES ON CONTROL LEVERS



H930CB3CD65-1

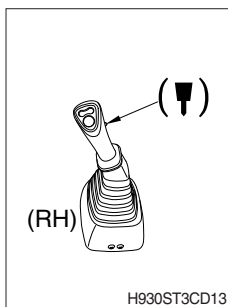
(1) Extending dipper switch/pedal (if fitted)



- 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.

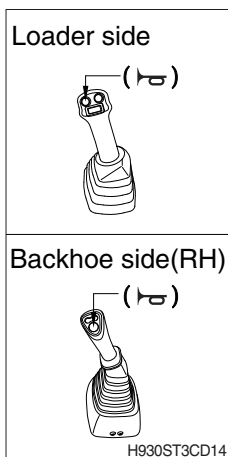
※ Refer to the page 4-16 for details in operator's manual.

(2) Breaker operation switch (if fitted)



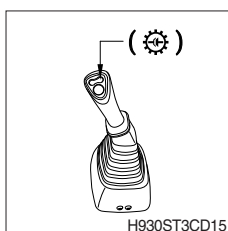
- ① This switch is at the control lever (backhoe side).
On pressing this switch, the breaker operates.

(3) Horn switch



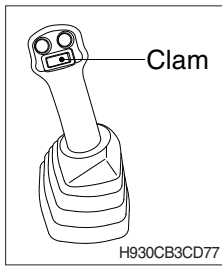
- ① This switch is at the side control lever.
On pressing this switch, the horn sounds.

(4) Clutch cut-off switch



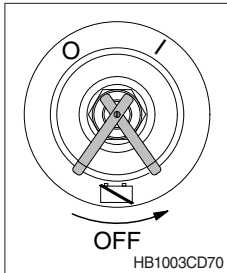
- ① This switch is at the control lever (loader side).
On pressing, the transmission is cut-off from the engine. This gives more power to the loader.

(5) Clam switch



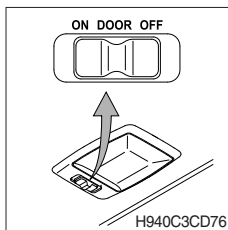
- (1) This switch is at top of right side control lever (loader side).
- (2) On pressing this switch, the clam operates.

6) 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.**

7) CAB INTERIOR LIGHT



- (1) Remove 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.