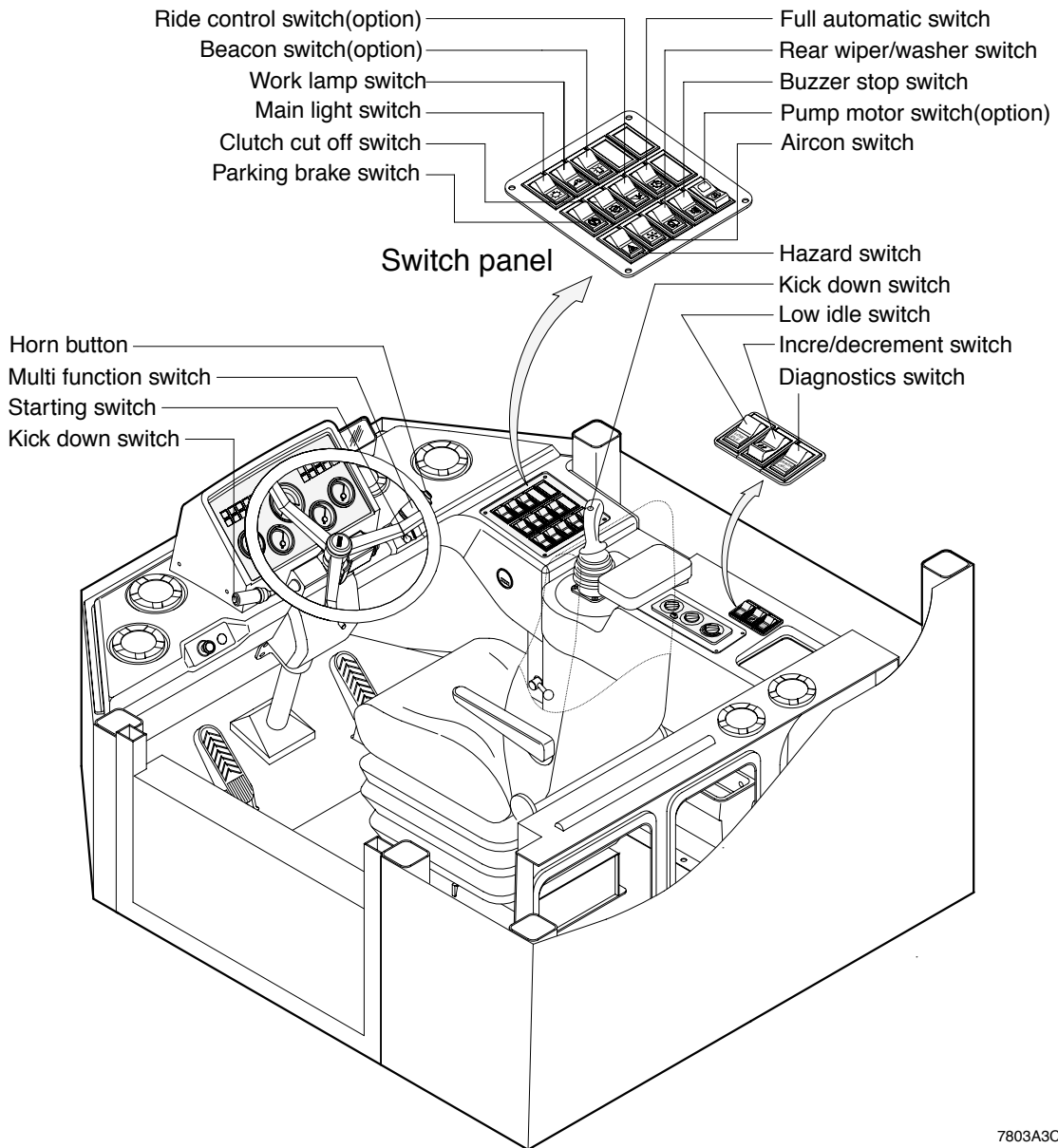
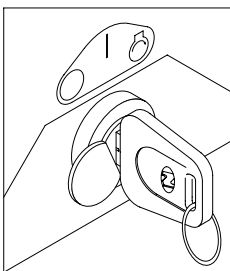


3. SWITCHES



7803A3CD22

1) STARTING SWITCH



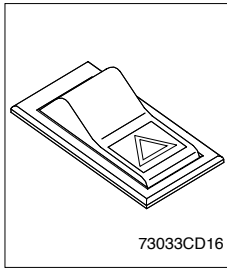
7803A3CD23

(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.

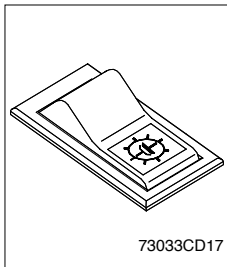
※ **Key must be in the ON position with engine running maintain electrical and hydraulic function and prevent serious machine damage.**

2) HAZARD SWITCH



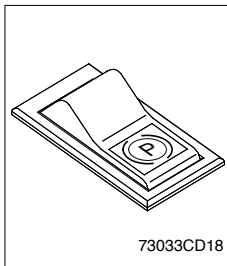
- (1) Use for parking, or roading machine.
 - ※ **If the switch is left ON for a long time, the battery may be discharged.**
- (2) The below indicator lamp is turned ON when operating this switch.

3) CLUTCH CUT OFF SWITCH



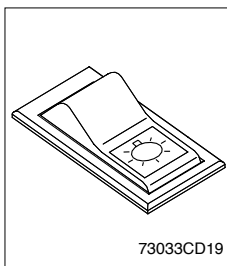
- (1) This switch is pressed, it will **cut off** the clutch when brake operates.
 - ※ **Be careful not to use this switch when driving on a slope.**
- (2) The below indicator lamp is turned ON when operating this switch.

4) PARKING BRAKE SWITCH



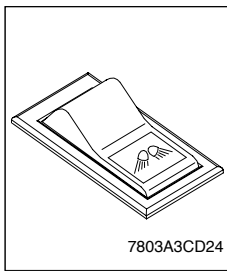
- (1) This switch is pressed, the parking brake will start to operate and the gauge panel warning lamp will comes ON.
 - ※ **When operating the gear selector lever, be sure to release the parking brake. If the machine is operated with the parking brake engaged, the brake will overheat and may cause the brake system to go out of order.**
- (2) The below indicator lamp is turned ON when operating this switch.

5) MAIN LIGHT SWITCH



- (1) This switch use to operates the clearance lamp and head light by two step.
 - First step : Clearance lamp and cluster illumination lamp comes ON. Also, the below indicator lamp comes ON.
 - Second step : Head light comes ON.

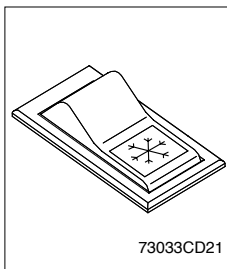
6) WORK LAMP SWITCH



(1) This switch use to operates the front and rear work lamps by two step.

- First step : Front work lamp located on the cab comes ON.
- Second step : Rear work lamp located on the cowl comes ON.

7) AIR CONDITIONER SWITCH

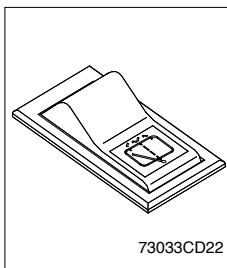


(1) This switch use to operates the air conditioner.

(2) Refer to the air conditioner and heater for detail operation.

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

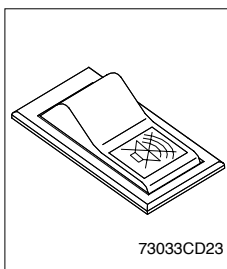
8) REAR WIPER AND WASHER SWITCH



(1) The switch use to operates the rear wiper and washer by two step.

- First step : The rear wiper operates.
- Second step : The washer liquid is sprayed and the rear wiper is operated only while pressing. If release the switch, return to the first step position.

9) BUZZER STOP SWITCH



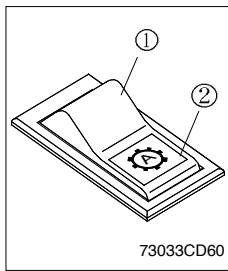
(1) The red lamp on the cluster lights ON and the buzzer sounds when the machine has a problem.

In this case, if the switch is pressed, the buzzer will be stopped. Be sure to check machine for problems.

(2) Wait until the lamp is turned OFF, if the red lamp lights ON after the buzzer stopped.

If not, stop engine and check the system which the lamp is ON.

10) FULL AUTOMATIC SWITCH



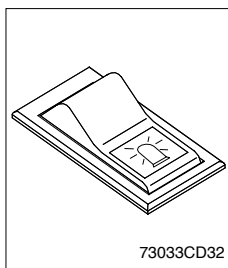
(1) Manual mode(①)

Press the top of the switch for the manual mode of the autoshift function. The operator selects the desired speed and the desired direction in the manual mode with the gear selector lever.

(2) Automatic mode(②)

Press the bottom of the switch for the autoshift function in the automatic mode. Press the bottom of the switch prior to shifting the transmission into forward or reverse in order to activate the autoshift function.

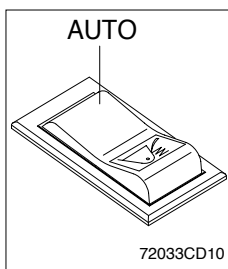
11) BEACON SWITCH (Option)



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

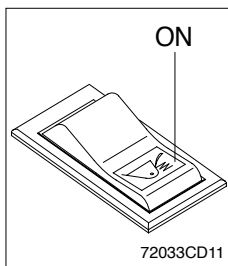
(2) The below indicator lamp is turned ON when operating this switch.

12) RIDE CONTROL SWITCH (Option)



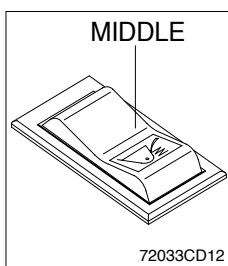
(1) AUTO position

Push in the top of the ride control switch in order to turn on the automatic ride control. The automatic ride control automatically turns on when the travel speed exceeds a preset speed of approximately 9.5km/h. The automatic ride control automatically shuts off during low speed travel mode.



(2) ON position

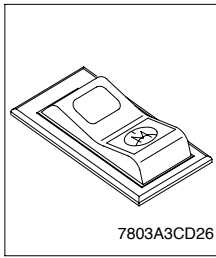
Push in the bottom of the ride control switch in order to turn on the system for ride control. The ride control will smooth the ride of the machine during travel.



(3) MIDDLE position

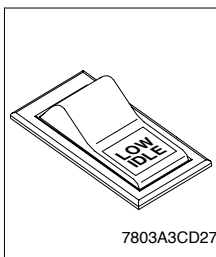
Push the ride control switch to the middle position in order to turn off the system for the ride control.

13) PUMP MOTOR SWITCH (option)



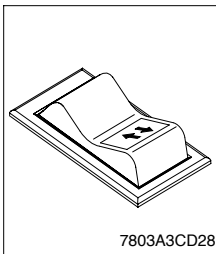
- (1) The emergency steering system can be manually tested.
Push the pump motor switch in order to determine if the emergency steering and the emergency steering lamp are functional.
- (2) When the switch is pushed, the emergency steering pump motor will run.
The emergency steering lamp will light. If the emergency steering lamp does not light, do not operate the machine.

14) LOW IDLE SWITCH



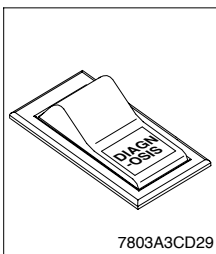
- (1) This switch allows the operator to switch the low idle speed between 2 values, "Normal idle and Alternate idle(1200RPM)" depending on low idle switch position.
There is no adjusting the alternate idle speed through the use of Incre/decrement switch. This feature can be configured to require a normal idle to alternate idle switch transition to go to alternate idle at start up and to warm the cab quickly up.

15) INCRE/DECREMENT SWITCH



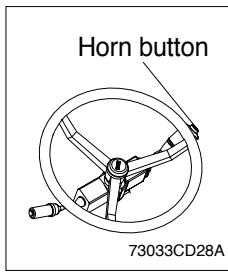
- (1) Use this switch to adjust the engine low idle speed increments of 25rpm. Each time the switch is briefly pushed down, the idle speed is decreased by 25rpm. When the switch is briefly pushed up, the idle speed is increased by 25rpm.

16) DIAGNOSTICS SWITCH



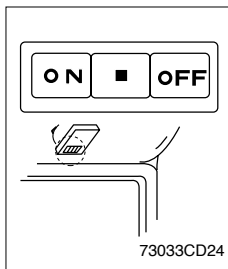
- (1) Use this switch to check for engine electronic fuel system and engine protection system fault codes.
※ **Refer to dignostic fault codes, page 4-3.**

17) HORN BUTTON



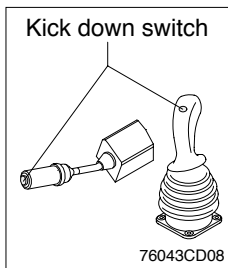
- (1) If you press the button on the top of the multifunction switch, the horn will sound.

18) CAB LAMP SWITCH



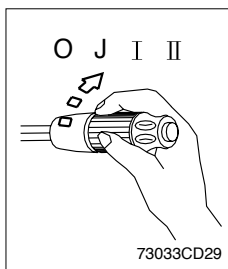
- (1) This switch turns ON the cab room lamp.

19) KICK DOWN SWITCH



- (1) The kick-down switch into first gear is not allowed. Press the switch and release the switch. The transmission downshift one gear speed, provided that an engine overspeed would not occur.

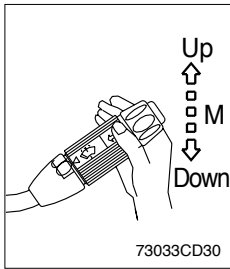
20) MULTI FUNCTION SWITCH



(1) Front wiper and washer switch

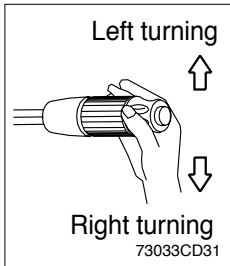
- ① When the switch is in J position, the wiper moves intermittently.
- ② When placed in I or II position, the wiper moves continuously.
- ③ If you press a button at the end of the lever, washer liquid will be sprayed and the wiper will be activated 2-3 times.

※ **Check the quantity of washer liquid in the tank. If the level of the washer liquid is LOW, add the washer liquid (In cold, winter days) or water. The capacity of the tank is 1 liter.**



(2) 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.



(3) 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.