

## Wheel Loader MONITOR (7 inch touch screen)

- The monitor is adjustable.
  - Vertical : 30°
  - Horizontal : 15°



760F3CD20-1

### 1) MAIN DISPLAY

- ※ You can select or set the menu by the switches or touch screen.
- ※ selection and change of menu and input value.



760F3CD11-1

- |                 |                                 |               |
|-----------------|---------------------------------|---------------|
| 1 Clock         | 6 Machine monitoring            | 11 Engine rpm |
| 2 Buzzer        | 7 Fuel rate                     | 12 Quick menu |
| 3 Wiper speed   | 8 Engine mode/Operation history | 13 10 lamps   |
| 4 Camera screen | 9 Transmission mode             |               |
| 5 Menu          | 10 ECO gauge                    |               |

## (1) Menu bar



760F3CD07-1

※ In main display, you can move to right side menu by touching each icon.

### ① Clock setting

Set the time (hour, minute and AM or PM)

### ② Wiper speed

Set the wiper speed (slow, normal, fast and very fast)

### ③ Menu

Move to main menu.

### ④ Buzzer stop

If you want to stop buzzer sound, just touch the



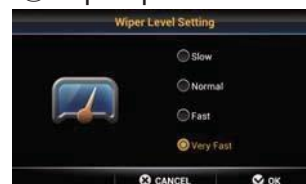
icon.

### ① Clock setting



760F3CD07A-1

### ② Wiper speed



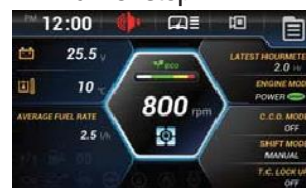
760F3CD07B-1

### ⑤ Menu



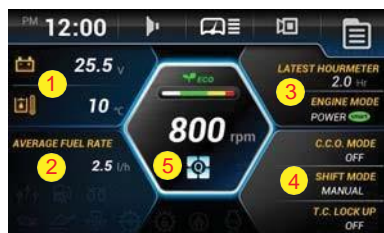
760F3CD07C-1

### No Buzzer stop



760F3CD07E-1

## (2) Change display information



760F3CD08-1

※ In main display, you can check the data and setup what you want by touching each window area or icon.

### ① Machine monitoring

To display the item in main display, select two items of them.

※ Priority in the machine monitoring display

The priority of the weighing system is the highest.

If the weighing system is selected, the other items are not available.

To display the other items, the weighing system should not be selected.

### ① Machine monitoring



960A3CD08A

## ② Fuel rate

- Set average fuel rate or a days fuel used on main display screen.

## ② Fuel rate



760F3CD08B-1

## ③ Engine mode and operation history

- Set the engine mode (A).
- Set Hour meter / ODO meter (B).

## ⑤ Engine mode



A

960A3CD08D



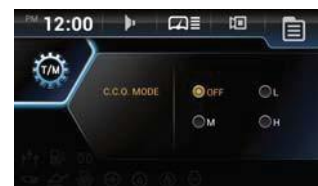
B

760F3CD08K-1

## ④ Transmission mode

- Set the clutch cut off (A), shift (B) and torque converter lock up mode (C).

## No Transmission mode



A

760F3CD08C-1



B

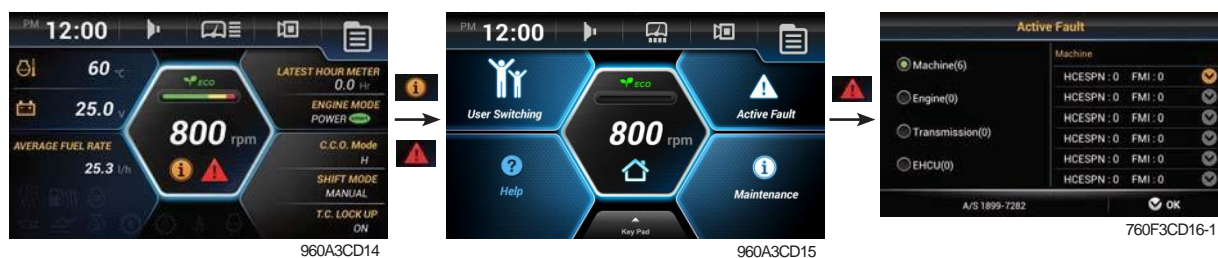
760F3CD08L-1



C

760F3CD08M-1

### (3) Fault and maintenance warning



- ① If you touch the warning sign (red icon), move to the quick menu.
- ② You can check the fault message and move the maintenance screen by touching relevant area.



### (4) Machine monitoring warning

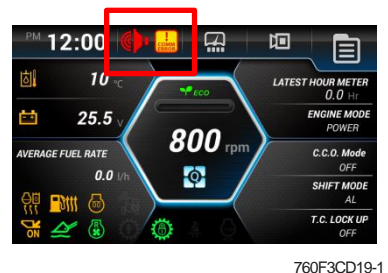
- ① Warning sign (red icon) will be shown when the temperature of hydraulic oil, cooling water, transmission oil or battery voltage is not normal state.
- ② Case of warning sign

Icon	Description
	Above 106°C of hydraulic oil temperature
	Above 105°C of cooling water temperature
	Above 107°C of transmission oil temperature
	Below 24.5 voltage of battery (for 3 minutes)
	Above 100°C of axle oil temperature (option)



### (5) Communication error

- ① MCU could not communicate with monitor over 10 seconds, error message will be show on the screen.

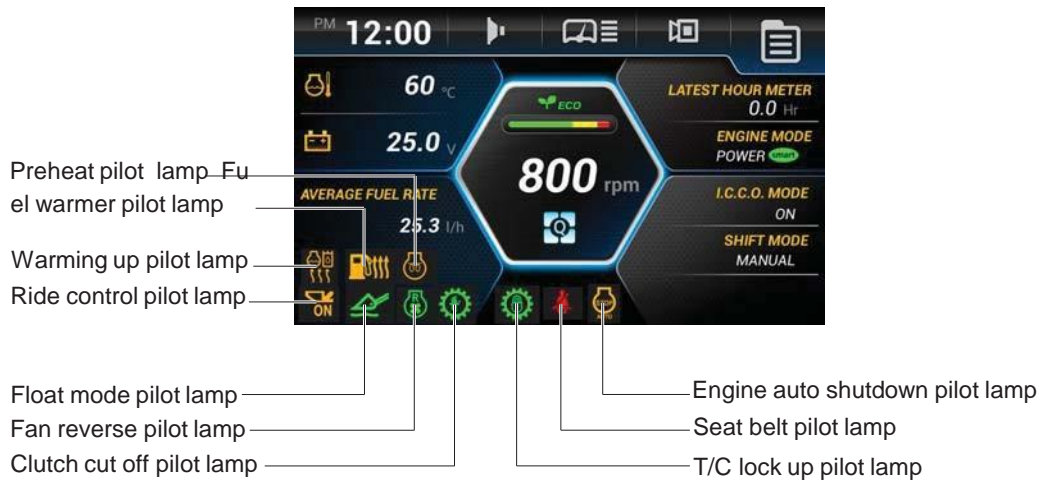


### (6) Eco gauge

- ① This gauge indicates the fuel consumption rate and machine load status. So that operators can be careful with fuel economy.
- ② The fuel consumption rate or machine load is high, the segment is increased.
- ③ The color of Eco gauge indicates operation status.
  - White : Idle operation
  - Green : Economy operation
  - Yellow : Non-economy operation at a medium level.
  - Red : Non-economy operation at a high level.



### 3) PILOT LAMPS



960A3CD90

#### (1) Warming up pilot lamp



- ① This lamp lights ON when the coolant temperature is below 30°C (86°F).
- ② The automatic warming up is cancelled when the engine coolant temperature is above 30°C, or when 10 minutes have passed since starting the engine.

#### (2) Seat belt pilot lamp



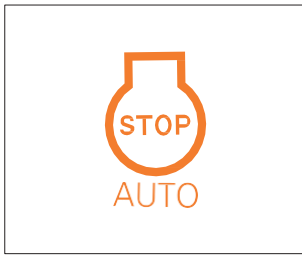
- ① This lamp lights ON for the first five seconds after starting the engine.

#### (3) Preheat pilot lamp



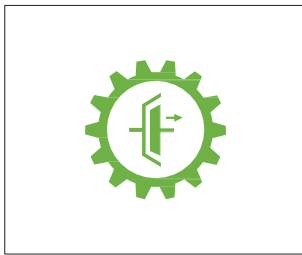
- ① This lamp lights ON when start switch is turned clockwise to the ON position. Light will turn off after approximately 5~45 seconds, depending on engine temperature, indicating that preheating is completed.
- ② When the lamp goes out the operator should start cranking the engine.

**(4) Engine auto shutdown pilot lamp**



- ① This lamp lights ON when the engine auto shutdown function is activated.

**(5) Clutch cut off pilot lamp**



- ① This lamp lights ON when clutch cut off mode is set L, M, H.

**(6) Float mode pilot lamp**



- ① This lamp lights ON when the boom float is activated.

**(7) Ride control pilot lamp (option)**



**Auto ride control**

- ① This lamp lights ON when the automatic ride control function is activated (ON, Conditional speed setting).



**Manual ride control**

- ① This lamp lights ON when the manual ride control function is activated (ON, Always setting).



**(8) Fan reverse pilot lamp**



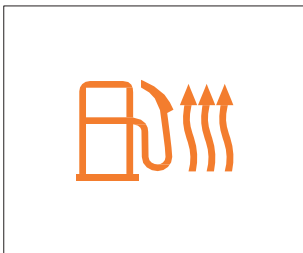
- ① This lamp lights ON when the cooling fan reverse mode is activated

**(9) Torque converter lock up pilot lamp (option)**



- ① This lamp lights ON when the torque converter lock up function is operating.

**(10) Fuel warmer pilot lamp**



- ① This lamp is turned ON when the coolant temperature is below 10°C (50°F) or the hydraulic oil temperature 20°C (68°F).  
② The automatic fuel warming is cancelled when the engine coolant temperature is above 60°C and the hydraulic oil temperature is above 45°C since the start switch was ON position.

### 3) SWITCHES



760F3CD95-1

- ※ If you push left or right switch ( ◀ ▶ ) on main display, show the select box on current time. Move to next item in order by using left / right button.
- (① Time → ② Buzzer → ③ Wiper → ④ Camera → ⑤ Menu → ⑥ Machine monitoring → ⑦ Fuel rate → ⑧ Engine mode/Operation history → ⑨ Transmission mode → ⑩ Quick menu)
- ※ Move to selected setting screen by using enter switch ( ⏎ ).
- ※ When keypad is not pressed for 3 seconds, convert screen to main display.

#### (1) Menu / Home switch



- ① Main display to main menu, main menu to main display.

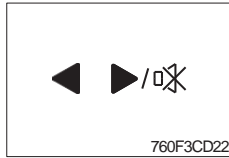
#### (2) ESC switch



- ① For other menu, this is used for cancellation (move to previous menu).



### (3) Left / Right move switch



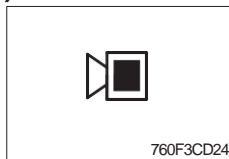
- ① Move in menu (left, up / right, down).
- ② Decrease / Increase input value.
- ③ Stop buzzer sound.

### (4) Enter switch



- ① Select menu (enter).

### (5) Camera switch



- ① Enter camera or AAVM mode in main display.
- ② If the camera monitor is equipped, camera or AAVM will showing on camera monitor only. This switch is not useful.

### (6) Main light switch



- ① This switch use to operates the clearance lamp and head light.
  - Position lamp : Clearance lamp and cluster illumination lamp come ON. The green pilot lamp is turned ON.
  - Head lamp + Position lamp : Clearance lamp, cluster illumination lamp and head light come ON. The green pilot lamp is turned ON.

### (7) Work lamp switch



- ① This switch use to operates the front and rear work lamps.
  - Front : Front work lamp located on the cab comes ON. The green pilot lamp is turned ON.
  - Front + Rear : Front work lamp located on the cab and rear work lamp located on the cowl come ON. The green pilot lamp is turned ON.

### (8) Central grease lubrication switch (option)



- ① This switch is used to operate the central grease lubrication system.
  - ② The central grease lubrication system is operated for set period. The green pilot lamp is turned ON.
- ※ When malfunction occur in grease lubrication system, the red pilot lamp is turned ON.

## (9) Quick coupler switch (option)



- ① Disengage quick coupler
  - The quick coupler pins move in the disengaged position and buzzer sounds.
  - The red pilot lamp is turned ON.

⚠ Always check that the attachment is properly secured to the attachment quick coupler by pressing the front part of the attachment against the ground.

⚠ Never use an attachment before you have checked its mounting.

- ② Engage quick coupler
  - The quick coupler pins move in the engaged position and buzzer sounds.
  - The green pilot lamp is turned ON.

※ Check for engagement as followings.

- a. Put down pressure on the attachment.
- b. Back up the machine and make sure that there is no movement between the quick coupler and attachment.

## (10) Ride control switch (option)



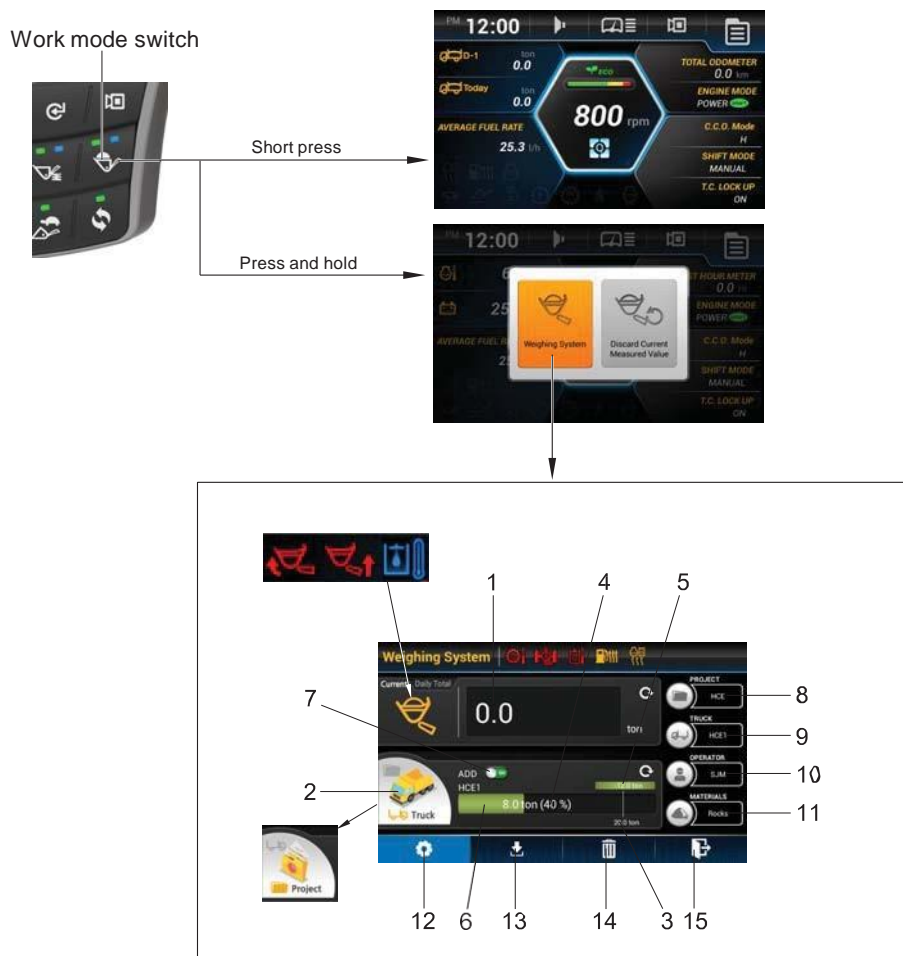
- ① Forward / Backward 1~15 km/h
  - The ride control automatically turns on when the travel speed exceeds a preset speed. (forward / backward 1~15 km/h)
  - The blue pilot lamp is turned ON.

- ② ON, Always
  - Select ON, Always in order to turn on the system for ride control regardless speed. The ride control will smooth the ride of the machine during travel.
  - The green pilot lamp is turned ON.

- ③ ON/OFF
 

Select ON/OFF in order to turn on/off the system for the ride control.

## (11) Work mode switch



960A3CD115

- |   |   |    |  |
|---|---|----|--|
| 1 | Current weight in the bucket /<br>Daily total weight                          | 7  | Select button for mode (Stand<br>by mode / Weigh mode) |
| 2 | Select button (Click gray icon)<br>for status (Project status / Truck status) | 8  | Project name   |
| 3 | Target weight   | 9  | Truck name   |
| 4 | Loaded weight   | 10 | Operator   |
| 5 | Remaining weight to complete job /<br>Over weight to complete job             | 11 | Materials  |
| 6 | Progress bar / Total weight   | 12 | Go to Work load setting menu                           |
|   |   | 13 | Save Work log to USB                                   |
|   |   | 14 | Delete Work log  |
|   |   | 15 | Go to Main menu  |

## (12) Rear wiper and washer switch



760F3CD89-1

- ① This switch use to operates the rear wiper and washer.  
When pressing the switch, the mode is changed sequence base.  
(OFF → intermittent → Low → OFF )
  - Intermittent : The rear wiper operates intermittently.
  - Low : The rear wiper is operated lower speed.
  - Washer : The washer liquid is sprayed while long pressing the button.
- ② The green pilot lamp is turned ON.

### (13) Beacon lamp switch (option)



760F3CD88

- ① This switch turns ON the rotary light on the cab.
- ② The green pilot lamp is turned ON.

### (14) Mirror defrost switch (option)



960A3CD65A

- ① **ON**
  - In condition of ON, it operates for 15 minutes. After 15 minutes, the defrost function stops automatically.
  - The green pilot lamp is turned ON.
- ② **OFF**
  - Stops defrost function.

### (15) Detent setting switch



760F3CD66

- ① Boom and bucket
    - Set the boom and bucket detent function ON/OFF.
  - ② Save position
    - Set the boom kickout and bucket leveler.
- ※ The green pilot lamps are turned ON.

### (16) Fine modulation switch



760F3CD67

- ① **ON**
  - Remote control lever provide the operator with precise control of the work equipment (bucket and boom cylinders can be controlled precisely).
  - The green pilot lamp is turned ON.
- ② **OFF**
  - Turn off the function.



FCC ID : 2AP7F-WLSTAGEVEMONI

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **FCC compliance information**

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer may void the user's authority to operate the equipment under FCC rules.