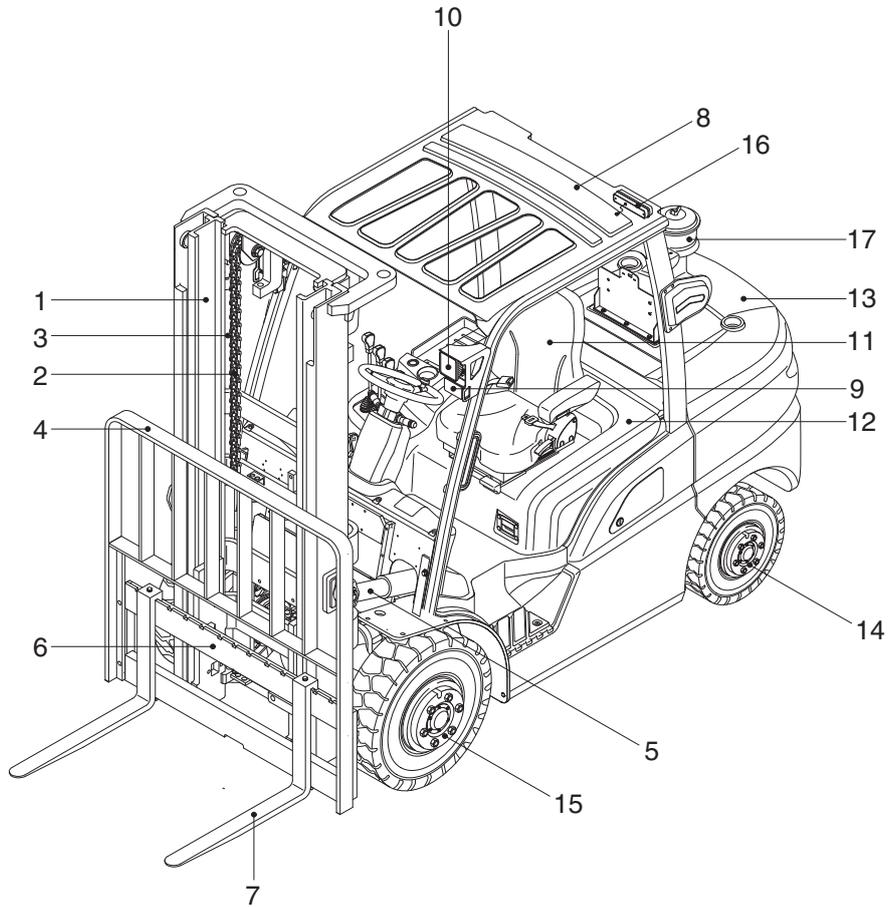


## 3. KNOW YOUR TRUCK

### 1. GENERAL LOCATIONS



15D9SOM54

- |                 |                    |                          |
|-----------------|--------------------|--------------------------|
| 1 Mast          | 7 Forks            | 13 Counterweight         |
| 2 Lift chain    | 8 Overhead guard   | 14 Rear wheel            |
| 3 Lift cylinder | 9 Turn signal lamp | 15 Front wheel           |
| 4 Backrest      | 10 Head lamp       | 16 Rear combination lamp |
| 5 Tilt cylinder | 11 Operator's seat | 17 Pre-cleaner (opt)     |
| 6 Lift bracket  | 12 Bonnet          |                          |

## 2. DATA/SAFETY PLATES AND DECALS

### 1) TRUCK DATA AND CAPACITY PLATE

CE HYUNDAI  
CONSTRUCTION EQUIPMENT  
FROM THE FACTORY THIS TRUCK MEETS ISO 6055

1 MODEL TYPE 2

4 ATTACHMENTS TRUCK WEIGHT 6

3 PRODUCT IDENTIFICATION NUMBER MFG. YEAR

A mm mm

B mm mm

C mm mm

LOAD C.G.

LOAD CAPACITY Vertical kg Vertical kg

Forward Tilt kg Forward Tilt kg

92FT-00423

35D9SOM56

#### (1) Truck model number or registered name

#### (2) Truck type

The type is indicated a type of the truck such as diesel, LPG or battery.

#### (3) Truck serial number

An identification number assigned to this particular truck and should be used when requesting information or ordering service parts for this truck from your authorized HYUNDAI dealer. The serial number is also stamped on the frame.

#### (4) Attachment description (If any installed)

The user must see that the truck is marked to identify the attachment (s), including the weight of the truck/attachment combination and truck capacity with the attachment.

#### (5) Capacity rating, load center, and lifting height data

Shows the maximum load capacity of this truck with relation to load centers and fork heights (See diagram on plate). Personal injury and damage to the truck can occur if these capacities are exceeded.

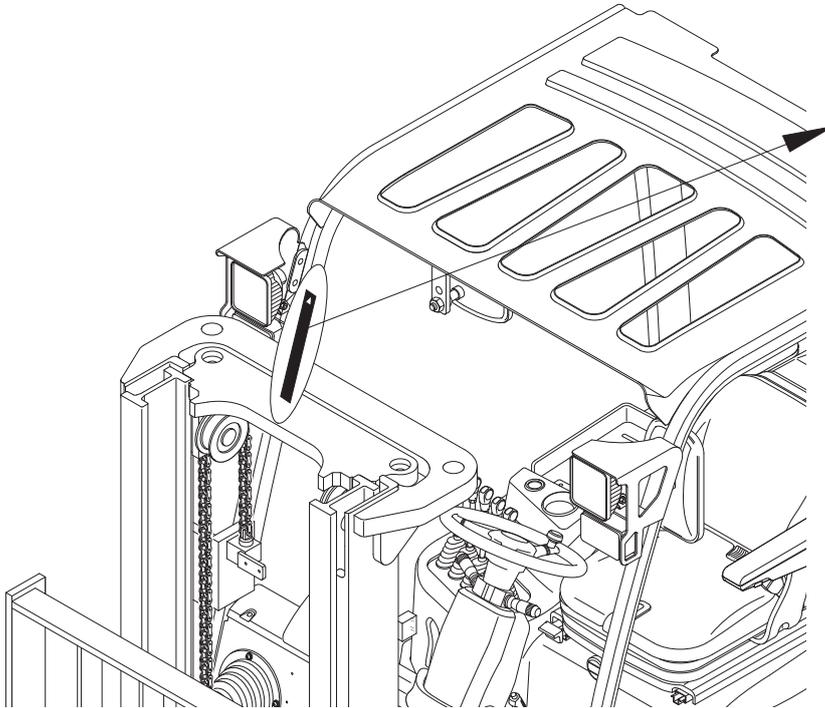
**Do not exceed the maximum capacity specified.**

#### (6) Truck weight

The approximate weight of the truck without a load on the forks. This weight plus the weight of the load must be considered when operating on elevators, elevated floors, etc. to be sure they are safe.

**▲ Before modifications that affect the stability of safety systems are made written approval from HYUNDAI. Contact your authorized HYUNDAI dealer for a new nameplate showing the revised capacity.**

## 2) OPERATOR SAFETY WARNING DECAL



15D9SOM59K

- ▲ Safety and warning decals are placed in conspicuous locations on the truck to remind you of essential procedures or to prevent you from making an error that could damage the truck or possibly cause personal injury. You should know, understand, and follow these instructions. Safety and warning decals. Should be replaced immediately if missing or defaced (Damaged or illegible). Refer to your Service manual for the location of all decals.

### ▲ Operator/Tip-over warning decal

This decal is located on the front right hand leg of the driver's overhead guard. Its purpose is to remind the operator that staying in the seat provides the best chance of avoiding injury in the event of a truck-tipping or driving off a dock mishap.

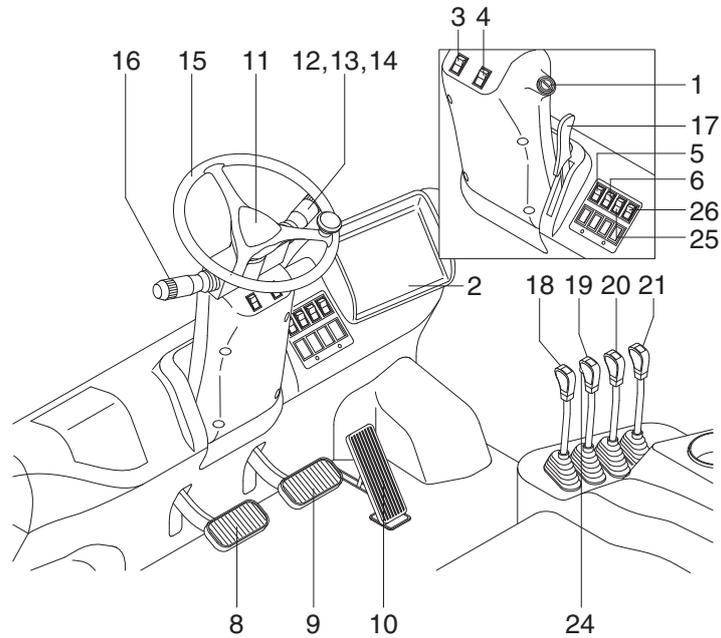
Lift trucks can be tipped over if operated improperly. Experience with lift truck accidents has shown that the driver cannot react quickly enough to jump clear of the truck and overhead guard as the truck tips. To protect operators from severe injury or death in the event of a tip over, it is best to be held securely in the seat. So, please, always buckle up when driving your lift truck.



92HG-00910

35D9SOM09A

### 3. INSTRUMENTS AND CONTROLS



15D9OM64T

- |                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| 1 Start switch             | 10 Accelerator pedal            | 18 Lift lever                 |
| 2 Cluster                  | 11 Horn button                  | 19 Tilt lever                 |
| 3 Hazard lamp switch (opt) | 12 Head lamp switch             | 20 Attach lever 1             |
| 4 Parking switch           | 13 Illumination lamp            | 21 Attach lever 2             |
| 5 Work lamp switch (opt)   | 14 Turn signal switch           | 24 Tilt switch (opt)          |
| 6 Beacon switch (opt)      | 15 Steering wheel               | 25 Forced regeneration switch |
| 8 Inching pedal            | 16 Forward-reverse lever        | 26 Inhibit switch             |
| 9 Brake pedal              | 17 Steering column adjust lever |                               |

△ Familiarize yourself with the controls and follow safe operating procedures.

## 4. CLUSTER

### 1) STRUCTURE

Like following figure, cluster is consisted of LCD and switch. LCD will indicate the operation and abnormal status of vehicle to the driver in order to use and maintenance.

Also, LCD allows to set and indicate the various modes, monitoring, and gadgets.



35D9SCL001

## 2) GAUGE

### (1) Operation screen

Operating screen will be displayed if turn on the ignition switch.



35D9SCL002K

- 1 Speed meter
- 2 Fuel indicator

- 3 Coolant temperature indicator
- 4 Clock

### (2) Speed meter

- ① Display the trip speed of vehicle.
- ② Speed unit is km/h or mile.
- ※ **Speed unit can be set in the speed unit menu of display set up.**



35D9SCL003K

### (3) Fuel indicator



35D9SCL004K

- ① Display the remains of fuel tank.
- ② If the indicator point to the red zone, or warning lamp  will be lit up in red, please refuel.

### (4) Coolant temperature indicator



35D9SCL005K

- ① Display the coolant temperature.
  - While zone : 40 ~ 120°C
  - Red zone : Over 120°C
  - Warning lamp on : Over 115°C
- ② If the gauge points to the red zone, or warning lamp  is on, please stop the engine and inspect the coolant system.

### (5) Clock



35D9SCL006K

- ① Display current time.
- ② You can enter current time at display Set Up > Time Set Up menu.

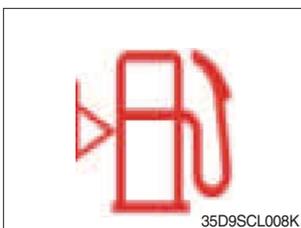
### 3) WARNING LAMP AND INDICATOR LAMP



35D9SCL007K

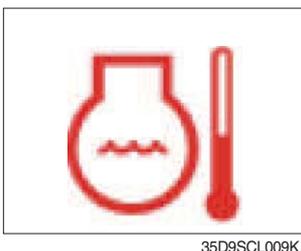
- ※ Warning and Indicator lamp will display only items that were set as ON, and all warning and indicator except fuel level warning and coolant temperature warning will be displayed in order from the left of screen.

#### (1) Fuel level warning lamp



- ① Warning lamp will be displayed if fuel level is low.
- ② Please refuel immediately if the lamp is on.

#### (2) Coolant temperature warning lamp



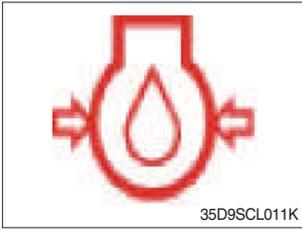
- ① Coolant temperature warning will be lit up when temperature is over 115°C.
- ② If the warning lamp is on continuously, please inspect the coolant system.

#### (3) Expendables replacement indicator lamp



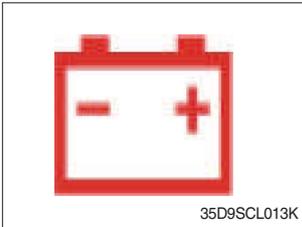
- ① Light up if expendables which must be replaced are exist.
- ② The indicator will light up only 3 minutes since KEY ON, and then light off.
- ③ Please check the expendables management list in maintenance menu.

#### (4) Engine oil pressure warning lamp



- ① This warning lamp will be lit up when engine oil pressure is low.
- ② Stops the engine immediately if the warning lamp is lit up.
- ③ Please check the engine oil.

#### (5) Battery charge warning lamp



- ① This warning lamp is lit when battery charging voltage is low.
- ② Please inspect the battery charging circuit if the warning lamp is lit.

#### (6) Air cleaner warning lamp



- ① This warning lamp is lit when air cleaner filter is clogged up.
- ② Please clean up or replace the filter.

#### (7) Engine warm-up Indicator lamp



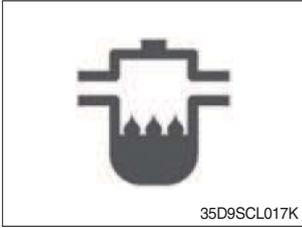
- ① If the ignition is on, the warm-up will be started. Please start the engine after Indicator lamp is turned off.

#### (8) TM oil temperature warning lamp



- ① Transmission oil temperature warning is consisted of two indications.
  - 110°C or higher : Amber is light up
  - 120°C or higher : Red is flashing
- ② When this lamp light up during operation, stop the engine and check the machine.

**(9) Water in fuel indicator lamp**



- ① Light up when water in fuel.
- ② Stop the engine and please drain the water of water separator.

**(10) OPSS Indicator lamp**



- ① Light up if driver leave seat during operation.
- ② Machine driving and control will be blocked if lamp is lit up.

**(11) Parking indicator lamp**



- ① Light up when parking brake is ON.

**(12) Tilt lock Indicator lamp(option)**



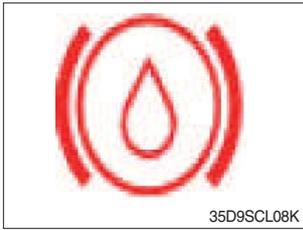
- ① The Indicator lamp will be lit up if the tilt lock switch (optional) is entered.
- ② Tilt action will be limited if this Indicator lamp is lit up and the mast is located at 90 degrees.

**(13) Maximum speed warning indicator lamp**



- ① This Indicator lamp is lit up on the middle of screen if vehicle speed is exceeded maximum speed that was set.
- ② Alarm buzzer will ring every two seconds.
- ③ Alarm will go off if the speed goes down below set up speed.

**(14) Brake oil level warning lamp**



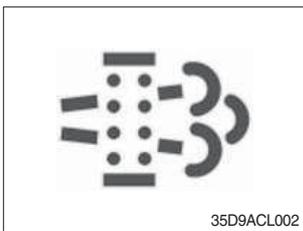
- ① Warning lamp will be displayed if brake oil is low of reservoir tank.
- ② Please refill immediately if the lamp is on.

**(15) T/M oil pressure warning lamp**



- ① Warning lamp will be displayed if transmission oil pressure is not enough.
- ② The lamp also will be displayed while inching operation.
- ③ Please check the transmission when the lamp is displayed without inching operation.

**(16) DPF regeneration warning lamp**

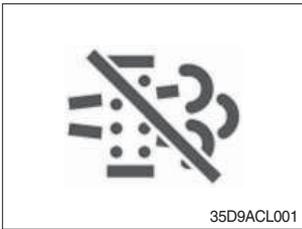


- ① This warning lamp lights ON or blinks when the parked regeneration is needed as table below.

Level	DPF regeneration warning lamp	Engine check warning lamp	Engine stop warning lamp	State of regeneration
				
Level 0	—	—	—	Regeneration starts automatically when needed.
Level 1	●	●	—	Manual regeneration required. Engine torque reduction.
Level 2	★	●	—	No active regeneration.
Level 3	—	●	●	DPF level critical. Contact A/S center.

● : Lighting   ★ : Blinking   PM : particulate matter

**(17) DPF inhibit warning lamp**



- ① This warning lamp indicates, when illuminated, the inhibit regeneration switch is pushed inhibit position.

**(18) Exhaust high temperature warning lamp**



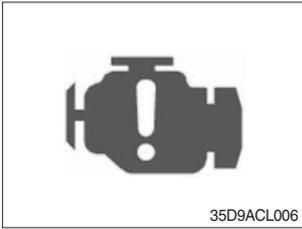
- ① This warning lamp indicates, when illuminated, that exhaust temperatures are high due to regeneration of the DPF.
- ② The lamp also illuminate during a parked regeneration.

**(19) Engine check warning lamp**



- ① If the lamp lights ON, check the engine.  
Refer to the page 3-11.

## (20) Engine stop warning lamp

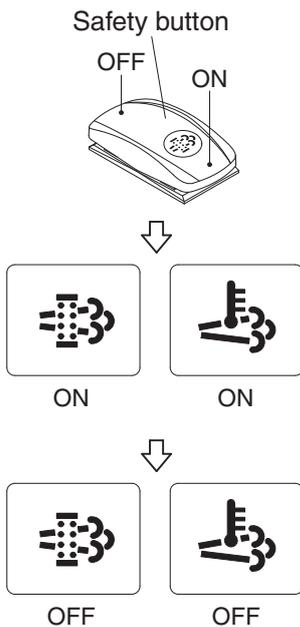


① If the lamp lights ON, stop the engine immediately and check the engine.

Refer to the page 3-11.

※ Please contact your Hyundai service center or local dealer.

## ※ Parked regeneration method of DPF



35D9A3CD143

※ Parked regeneration applies if the machine is in a fireproof area and there is no plan to turn off the machine during the regeneration.

① Stop and park the machine.

② Put the gear in neutral position and wait until coolant temperature reaches 65°C.

③ Push parked regeneration switch ON button 3 seconds initiate the parked regeneration of DPF.

※ Refer to the page 3-40 for the switch operation.

※ The engine speed may increase to 950~1050 rpm and DPF regeneration begins and it will take approximately 30~40 minutes.

④ The DPF regeneration and exhaust high temperature warning lamp will light ON during the regeneration function is operating.

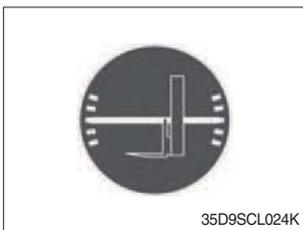
⑤ The DPF regeneration and/or exhaust high temperature warning lamp will light OFF when the regeneration function is completed.

#### 4) INFORMATION DISPLAY



35D9SCL023K

##### (1) Mast front/rear tilt (optional)



- ① Display the real time tilt of mast.

##### (2) Vehicle front/rear tilt



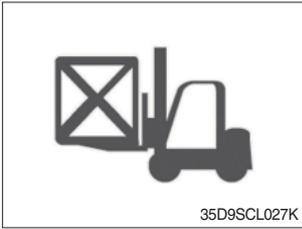
- ① Display the front/rear tilt of vehicle in real time.
  - Stop : Tilt angle is higher than  $2.3^{\circ}$  then the red warning symbol.
  - Driving : Tilt angle is higher than  $10.2^{\circ}$  then the red warning symbol.

##### (3) Vehicle left/right tilt



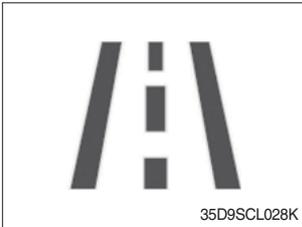
- ① Display the left/right tilt of vehicle in real time.
  - Stop : Tilt angle is higher than  $3.4^{\circ}$  then the red warning symbol.
  - Driving : Tilt angle is higher than  $24.2^{\circ}$  then the red warning symbol.

**(4) Load weight (optional)**



- ① Display the load weight.
- ② Screen will display blurry if the weight sensor has not been mounted.

**(5) Total trip distance**

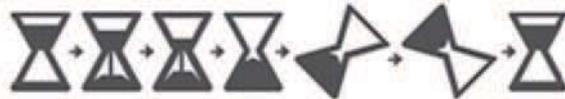


- ① Display total trip distance of vehicle.
- ② Unit of distance is kilometer.

**(6) Operation time**



- ① Display the used time of vehicle.
- ② Icon will be changed as follow if starts ignition.



35D9SCL030K

**(7) Explanation of warning lamp and indicator lamp**



Explanation of selected warning lamp or indicator lamp  
Selected icon

35D9SCL031K

- ① Explanation will be displayed if press the arrow (refer to page 3-17) while warning lamp or indicator lamp is on.
- ② Explanation for warning lamp or indicator lamp that are shown on the screen will be displayed if press the arrow continuously.

## 5) DRIVING INDICATOR LAMP



35D9SCL032K

### (1) Neutral



- ① This Indicator lamp will be lit up when direction lever is located in neutral.

### (2) Forward



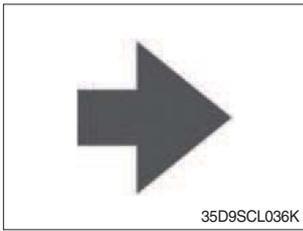
- ① This indicator lamp is displayed if the forward gear is selected.
- ② First gear will be displayed as **F**.

### (3) Reverse



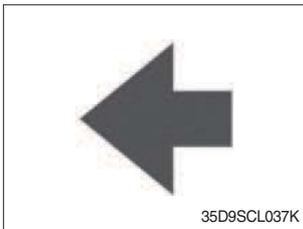
- ① This indicator lamp is displayed if the reverse gear is selected.
- ② First gear will be displayed as **R**.

**(4) Right turning pilot lamp**



① This pilot lamp will flash if turns on the right turn signal.

**(5) Left turning pilot lamp**



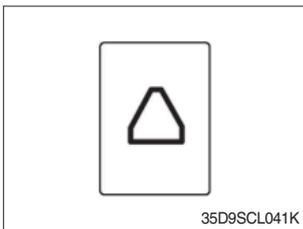
① This pilot lamp will flash if turns on the left turn signal.

## 6) SWITCH



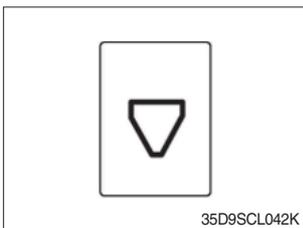
15D9SCL038K

### (1) UP/Left



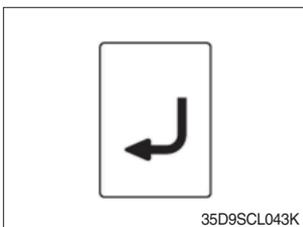
- ① This switch is used to move upward or leftward in menu or increase the value.

### (2) Down/Right



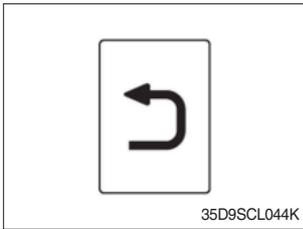
- ① This switch is used to move downward or rightward in menu or decrease the value.

### (3) Select



- ① This switch is used to enter into the menu or to select.

(4) Cancel (ESC)



① This switch is used to cancel or move to upper menu.



35D9SCL045

## 7) MAIN MENU



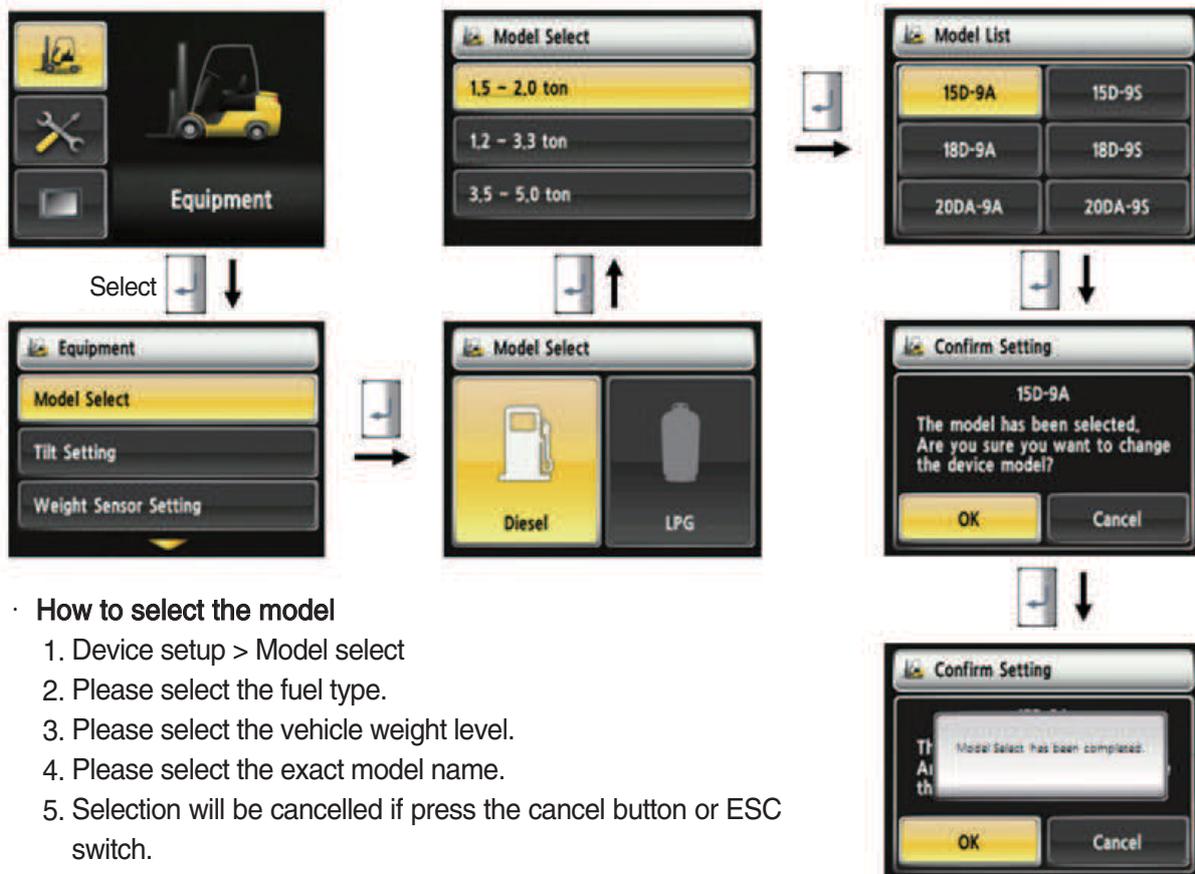
35D9SCL046

A menu consists of main menu and sub-menu.

### (1) Structure

No	Main menu	Sub menu	Explanation
1		Model select Vehicle tilt Initialize Weight sensor setup Ignition control setup Camera setup Auto-shift speed setup DCSR speed setup Maximum speed warning MCU Monitor information	Diesel, LPG Vehicle tilt initialize Enter the cylinder cross section area , Adjust load weight, Weight display setup Ignition control, Change password Interoperate with reverse gear 1st gear-> Switching speed to 2nd gear, 2nd gear -> Switching speed to 1st gear DCSR On, Block driving speed, Restore driving speed Maximum speed warning MCU/Monitor information
2		Failure History Expendables management I/O Information A/S Contact	Current engine failure, Engine failure history Change oil and filter replacement cycle Analog input, Digital input/output Change A/S contact
3		LCD Brightness Time Setup Unit Setup Language Setting	Automatic, Manual Clock Speed, Weight, Temperature, Pressure, Date type Korean, English

## (2) Model select



### How to select the model

1. Device setup > Model select
  2. Please select the fuel type.
  3. Please select the vehicle weight level.
  4. Please select the exact model name.
  5. Selection will be cancelled if press the cancel button or ESC switch.
- ※ To use full function of vehicle, exact model must be selected.

35D9SCL047

### (3) Initialize vehicle tilt

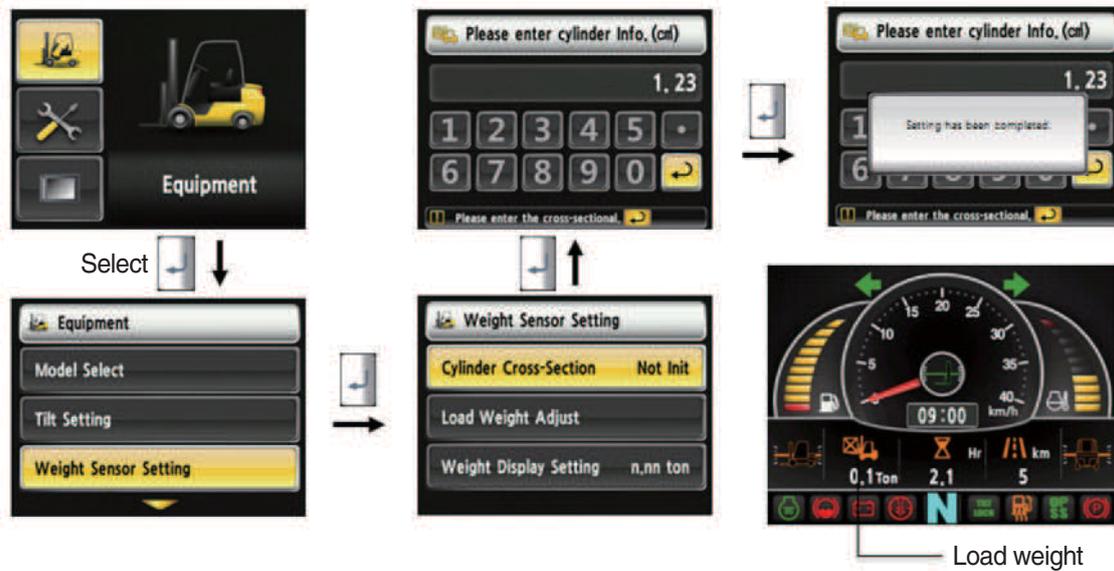


35D9SCL048

#### Initialize vehicle tilt

1. The tilt sensor has already been initialized when deliver the vehicle from factory.
2. Initialize vehicle tilt if the tilt sensor figure or vehicle tilt is not horizontal in the flatland.  
Vehicle set up > Initialize vehicle tilt
3. You must set tilt in the flatland since this is a horizontal set up.
4. If tilt sensor for mast is mounted (optional), locates the mast vertically.
5. Mast maximum angle depends on the vehicle.

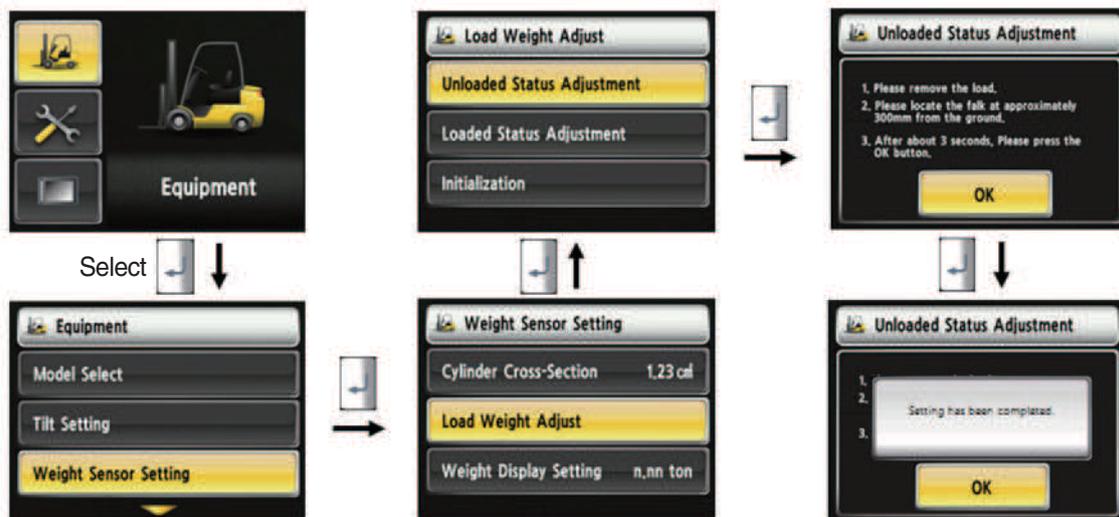
#### (4) Weight sensor set up



35D9SCL049

#### How to set weight sensor

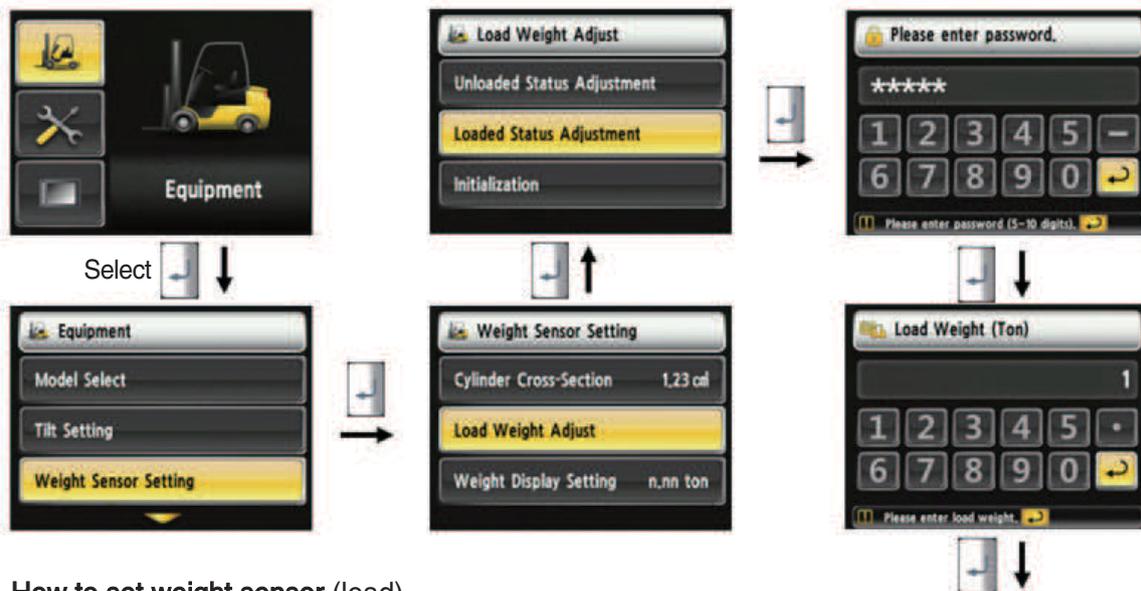
1. The weight sensor has already been set when deliver the vehicle from factory.
2. Device setup > Weight sensor setup
3. There are three ways to setup. (unload, load, initialization)
4. A cylinder cross sectional area value will be displayed in initial screen, please enter the cross sectional area using shift and select button if there are changes.
5. Please finish setup using enter button when input is done.



35D9SCL050

#### How to set weight sensor (unload)

1. Device setup > Weight sensor setup
2. The way to adjust the no-load weight is as follow
3. First, please select the no-load adjust.
4. Wait 3 seconds after lifting no-load fork approximately 30 cm from the ground level, then press OK button.

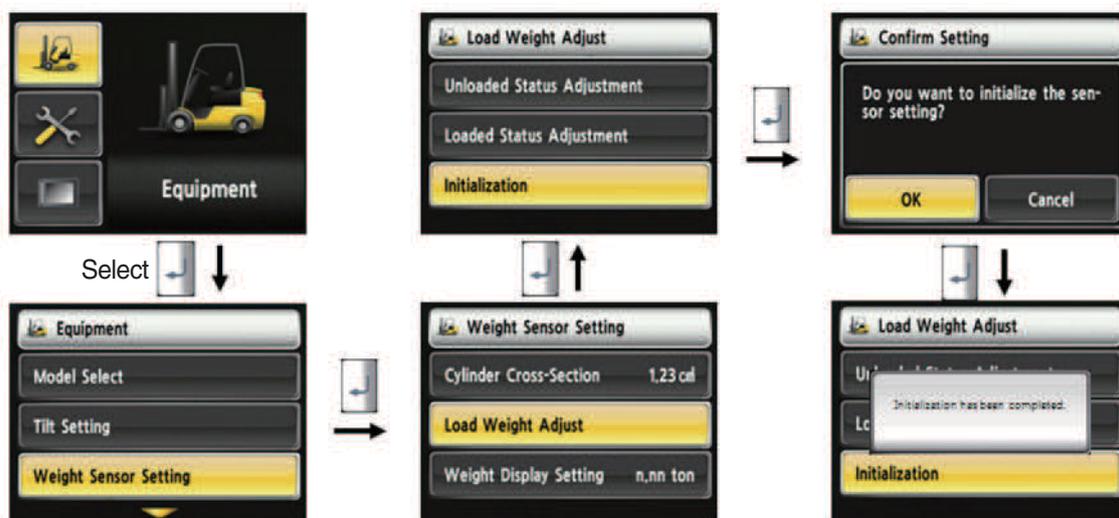


· **How to set weight sensor (load)**

1. Device Setup > Weight Sensor Setup
2. The way to adjust the load weight is as follow
3. First, please select the load adjust.
4. Please enter user password.
5. Please enter load weight.
6. Please locate the loaded fork approximately 30 cm from the ground level.
7. If set is completed, the screen will be switched automatically.
8. Please proceed the operation within 30 seconds.
9. Operating will be cancelled automatically if the time is elapsed longer than 30 seconds



35D9SCL051

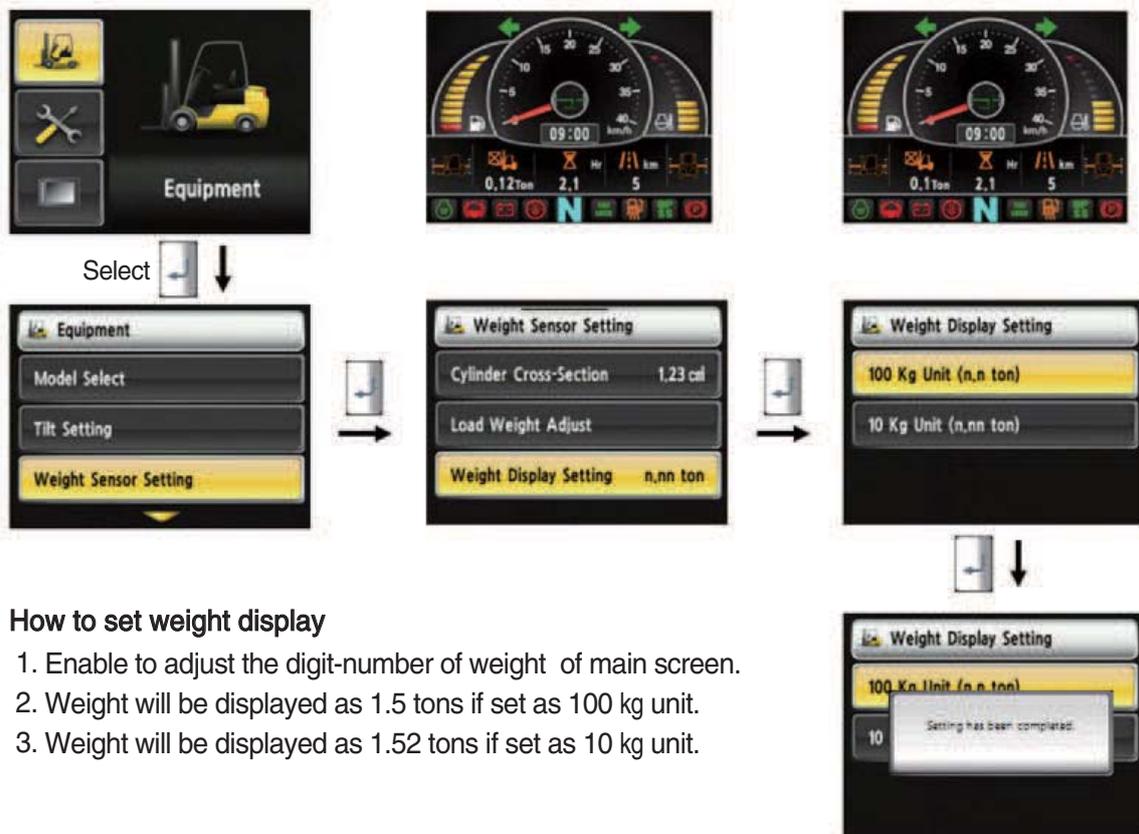


35D9SCL052

· **How to set weight sensor (initialization)**

1. Initialize Menu calculates the weight using only cylinder cross sectional area and no-load setting.

## (5) Weight setup

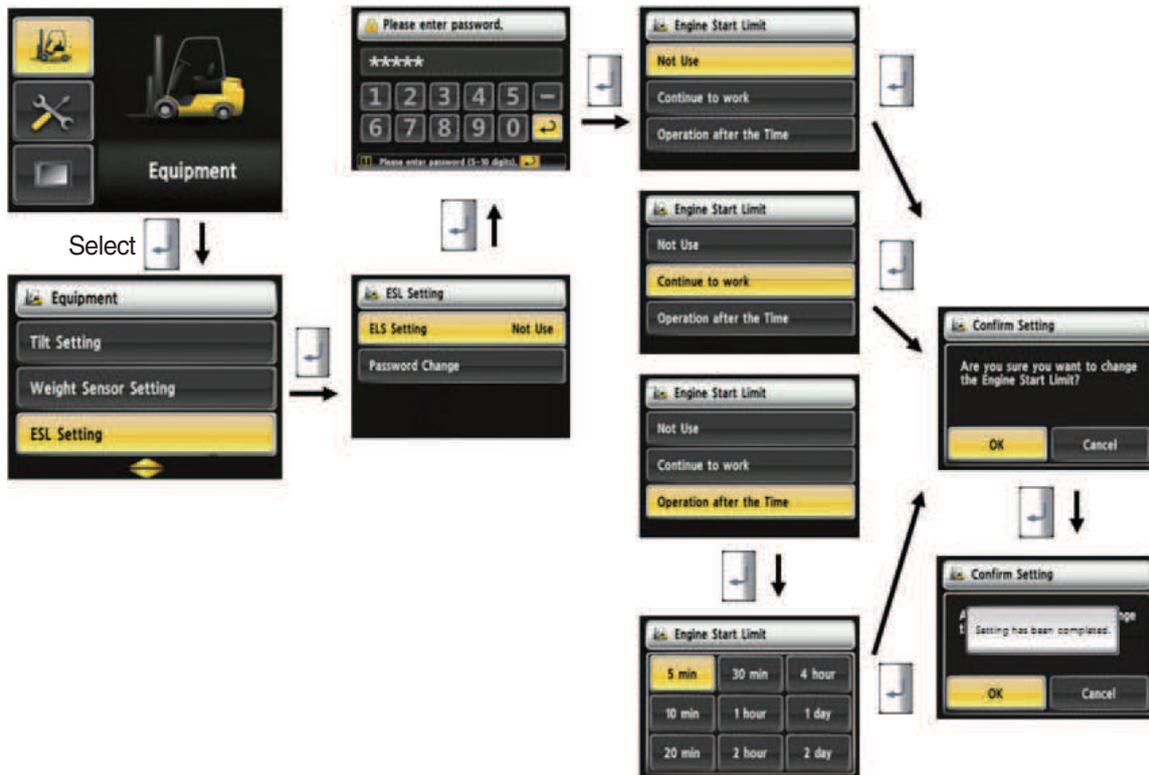


### How to set weight display

1. Enable to adjust the digit-number of weight of main screen.
2. Weight will be displayed as 1.5 tons if set as 100 kg unit.
3. Weight will be displayed as 1.52 tons if set as 10 kg unit.

35D9SCL053

## (6) Ignition control

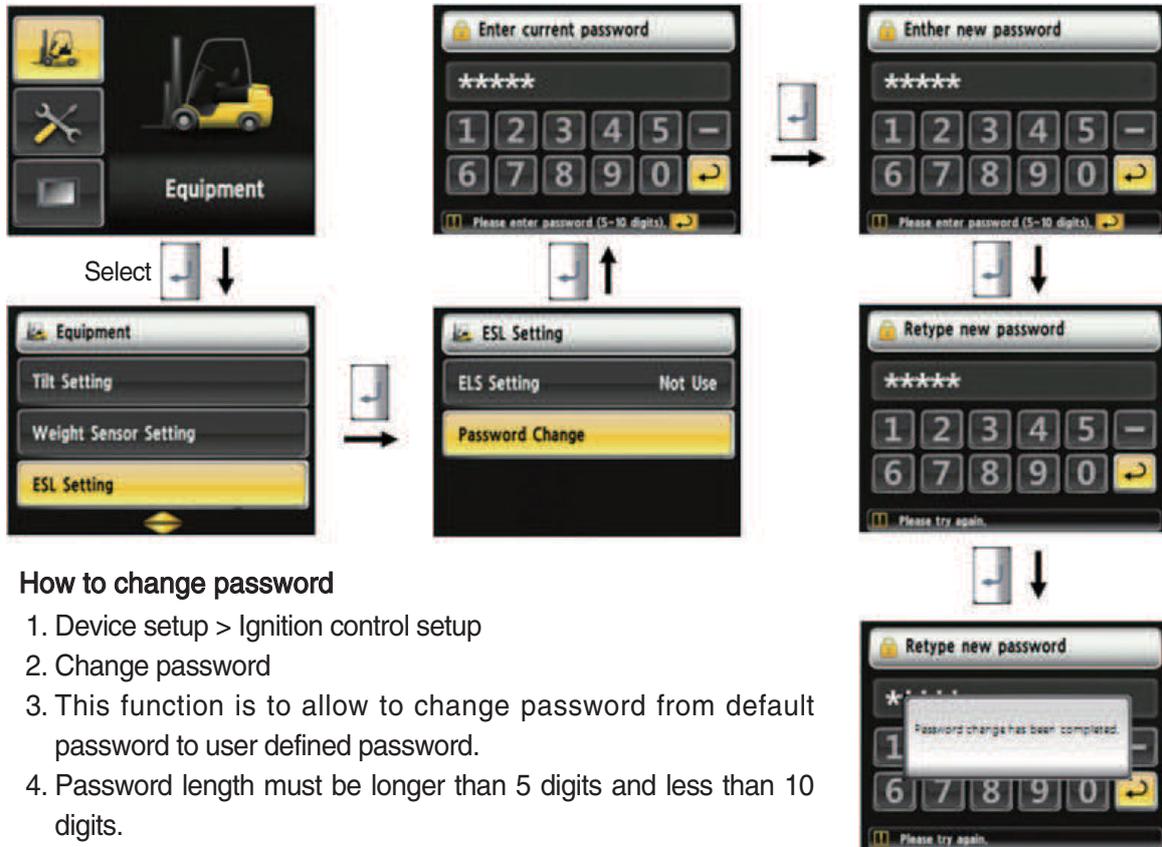


35D9SCL054

### · How to set ignition control

1. Device Setup > Ignition control
2. Password request screen will be displayed if you select the menu. Default password is "00000".
3. Password length must be longer than 5 digit and less than 10 digit.
4. Next step is allowed only if password is authenticated.

## (7) Change password

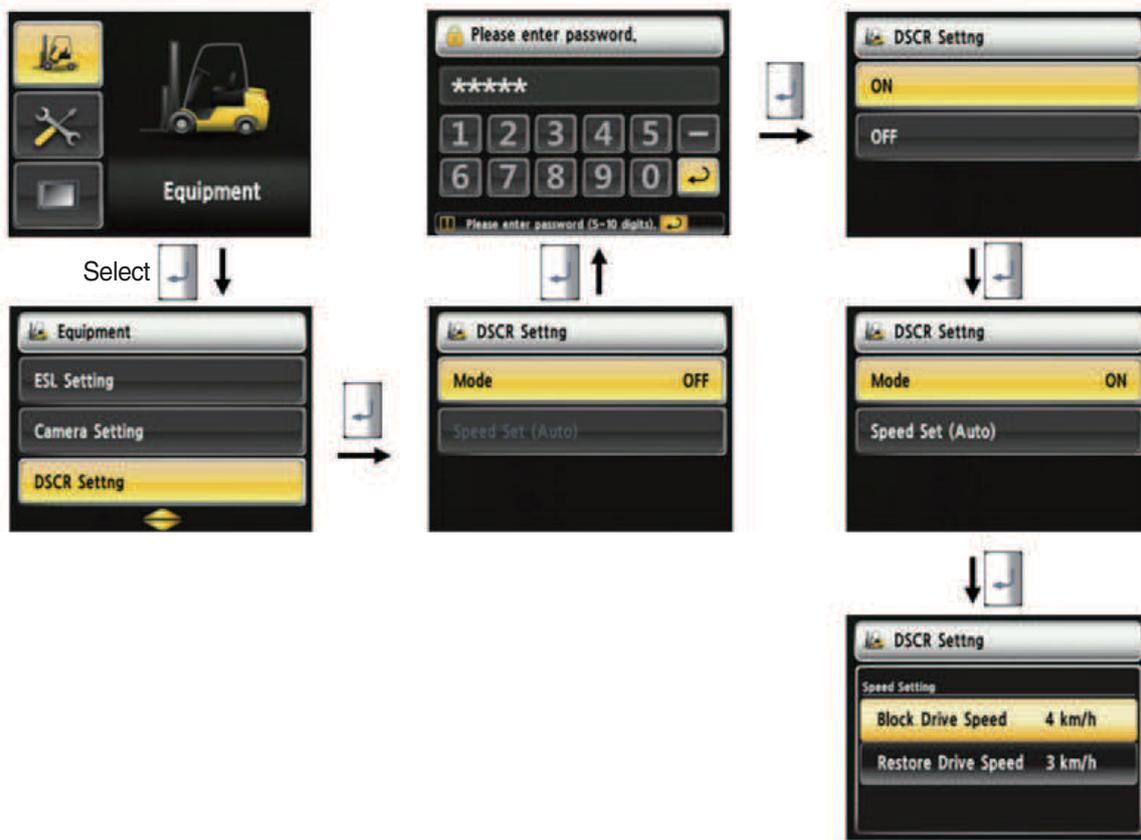


### How to change password

1. Device setup > Ignition control setup
2. Change password
3. This function is to allow to change password from default password to user defined password.
4. Password length must be longer than 5 digits and less than 10 digits.
5. Since, if you forget the password, you must request the A/S, do not forget the password.

35D9SCL055

## (8) DCSR Setup

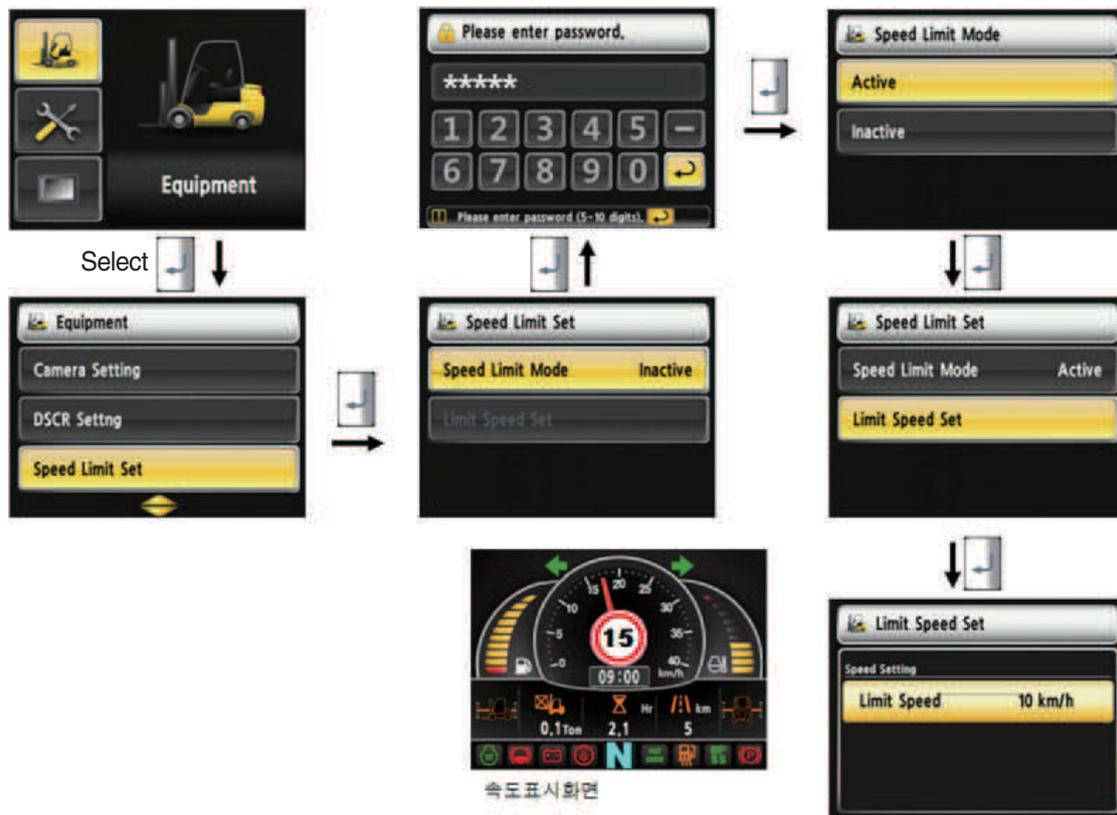


35D9SCL058

### How to set DCSR

1. Device setup > DCSR setup
  2. User password is required in order to set this function.
  3. If the setting is ON, driving will be blocked if the driving speed is over the specified speed.
  4. Driving will be continued if the driving speed is not over the specified speed.
- ※ DCSR : Direction change shock relief

## (9) Driving speed warning setup

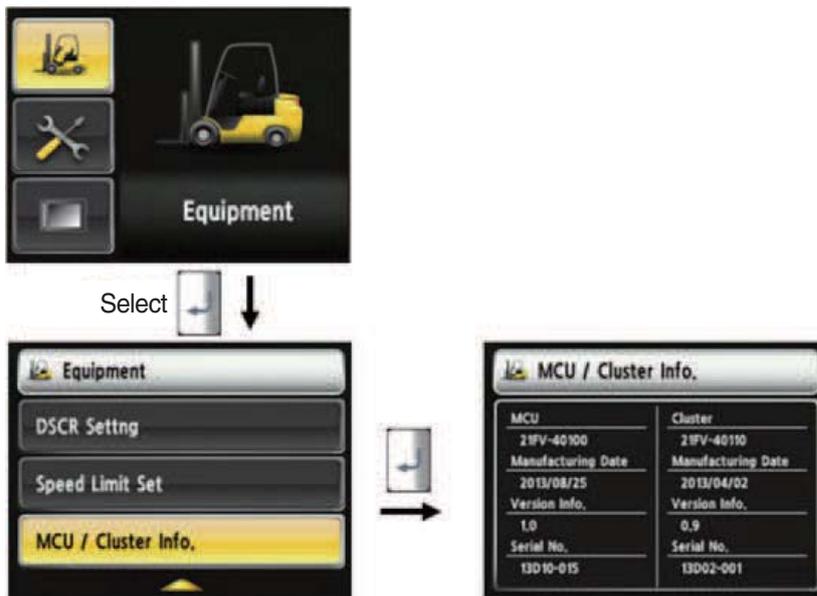


35D9SCL059

### · How to set driving speed warning

1. Device Setup > Driving speed warning
2. User password is required in order to set this function.
3. If alarm is set as enable, setting speed will be displayed on the screen, and the buzzer rings every 2 seconds.

(10) MCU/Monitor information

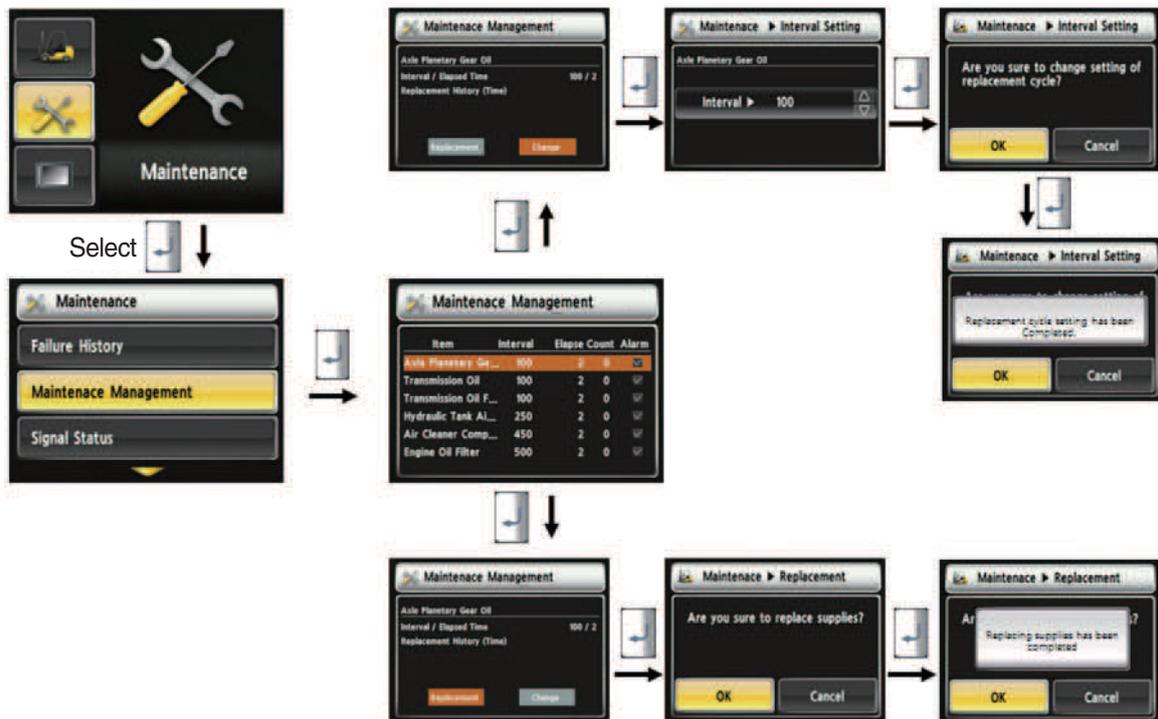


35D9SCL060

· MCU / Monitor information

1. Device Setup > MCU/Monitor information
2. MCU, manufactured date and version of monitor, and serial number will be displayed.

## (11) Expendables replacement management

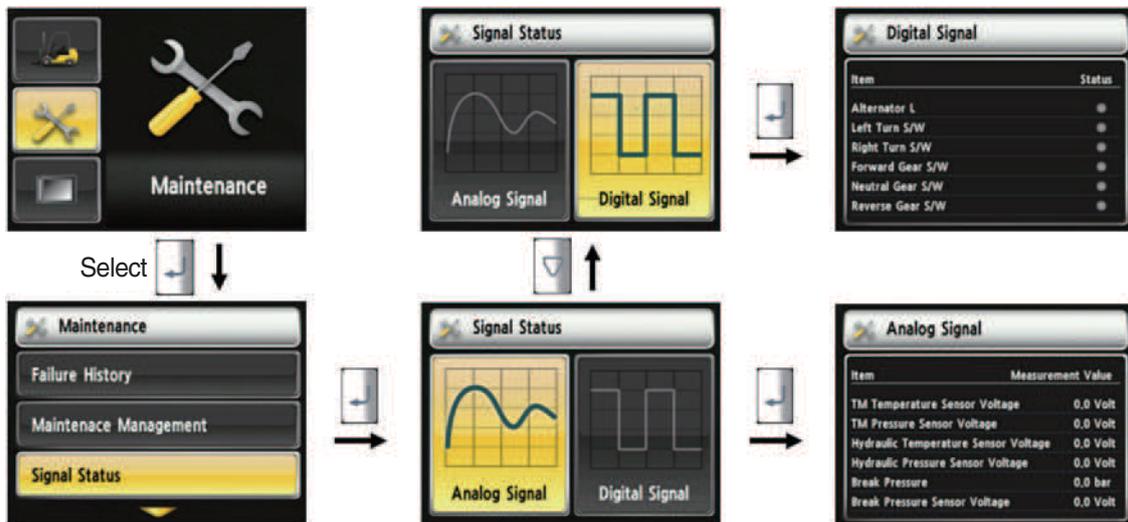


35D9SCL061

### How to replace expendables

1. Device setup > Expendables management
2. If the expendables replacement cycle has been passed, alarm will be displayed as ON
3. Press the "Expendables replacement" if replaced the expendables.
4. Information about recent replacement (max. 9) will be displayed.
5. If you want to change the cycle, please press the "Change cycle" button.

## (12) I/O Information



35D9SCL062

### · How to set I/O information

1. Maintenance > I/O information
2. I/O information can be classified as two signals. Analog signal can see the numeric data. Digital signal can indicate only ON/OFF.
3. User can change the cycle.

## (13) A/S Contact Setup

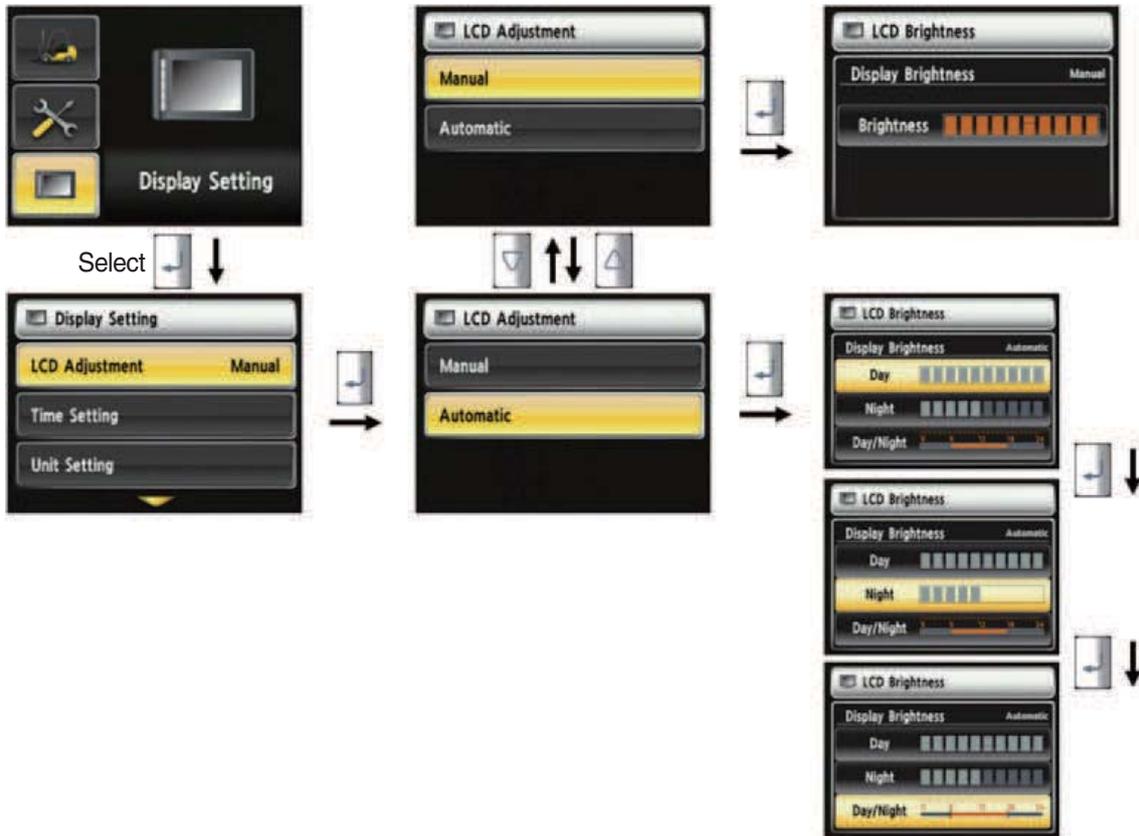


35D9SCL063

### · How to set A/S contact

1. Maintenance > A/S Contact
2. User can change the A/S contact when deliver the vehicle from factory.
3. If user moves numeric number using arrow, and press the select button, number will be displayed on the screen.
4. If user press the enter key, the value will be set.
5. Contact will be displayed as the modified value.

## (14) LCD brightness

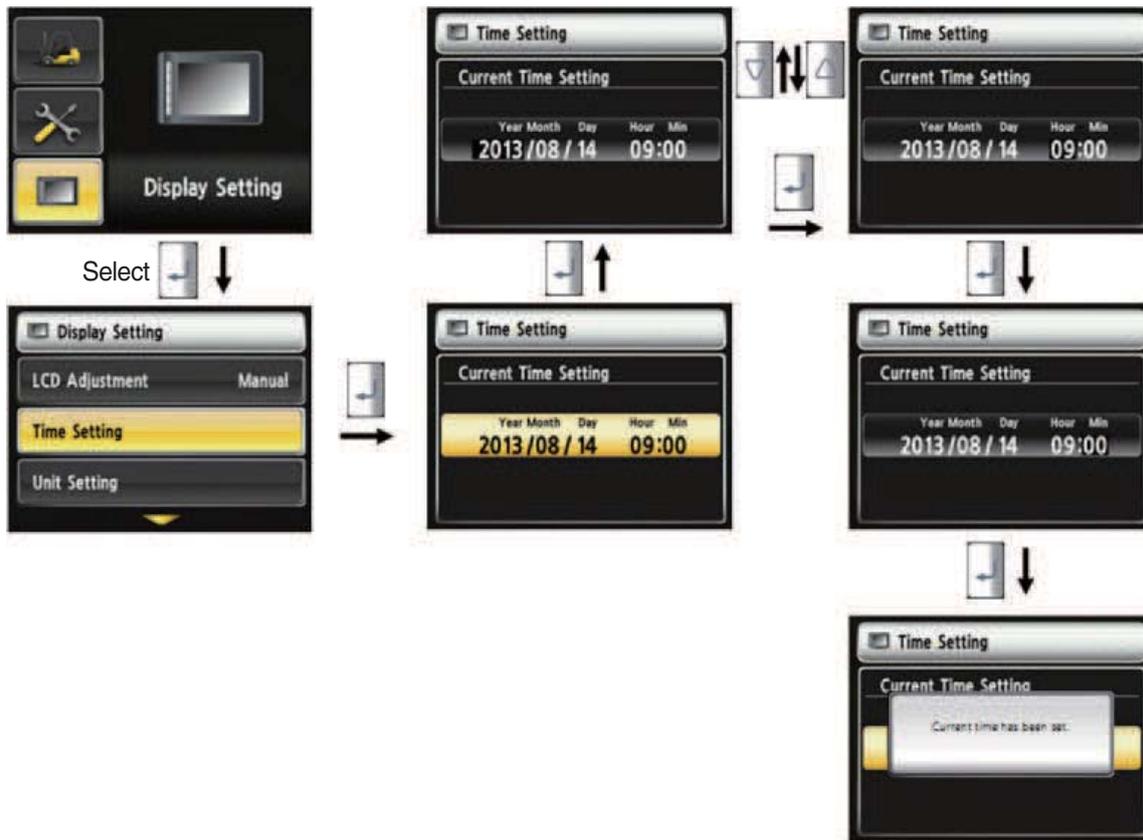


35D9SCL064

### · How to set LCD brightness

1. Display > LCD brightness
2. LCD brightness has two options. Automatic mode and manual mode.
3. Manual mode always keeps the selected brightness.

## (15) Time setup

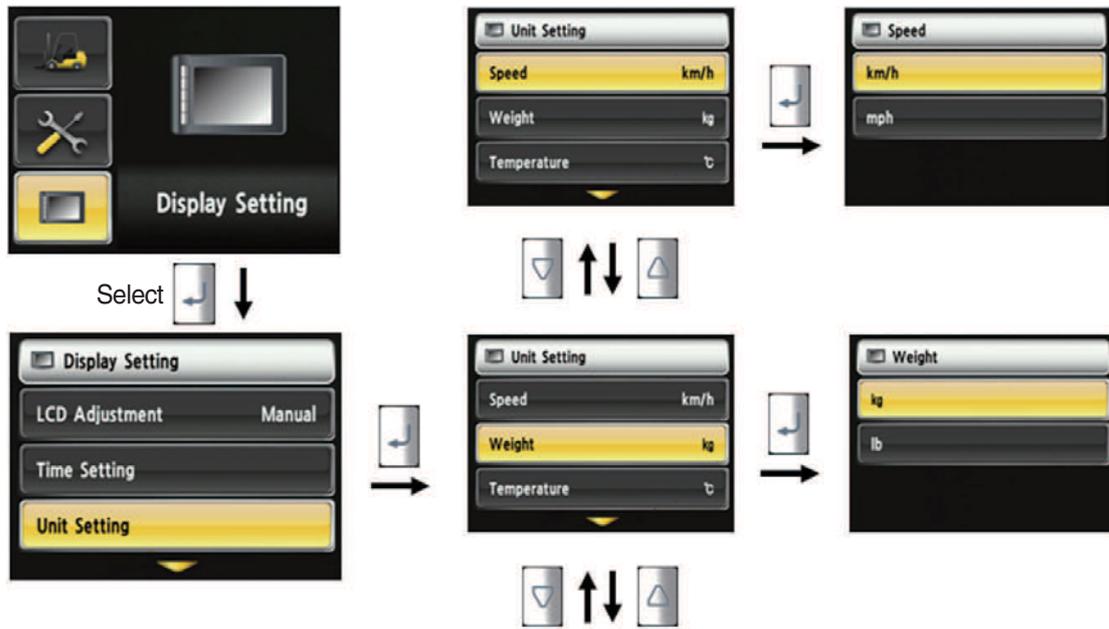


35D9SCL065

### How to set current time

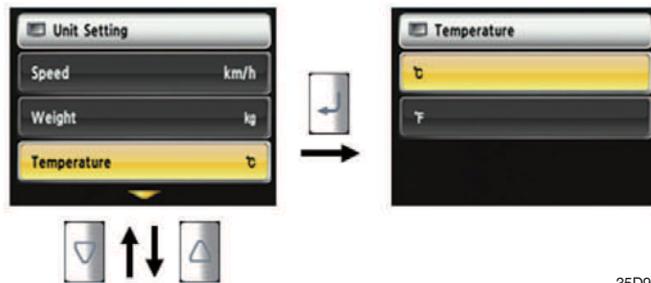
1. Display setup > Time setup
2. Enable to set the time that is displayed in main screen.
3. Set time in following order. (year > month > day > hour > minute)

(16) Unit setup

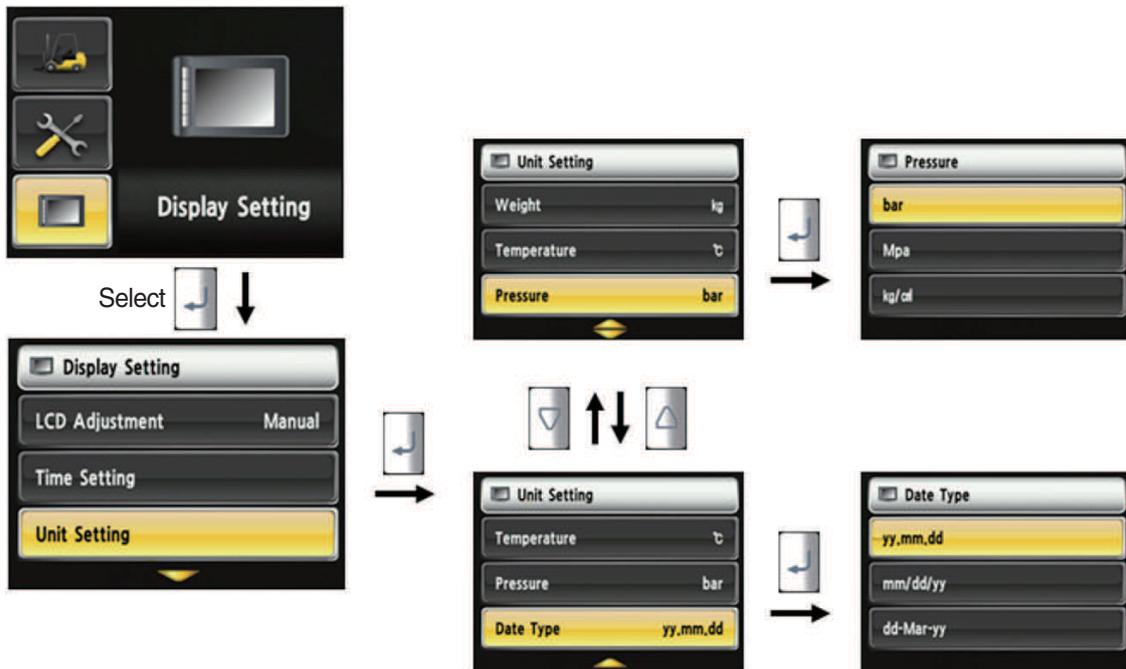


Unit setup

1. Display setup > Unit setup
2. Enable to set all unit values that displayed on screen.
3. It is displayed by calculating as setting unit.

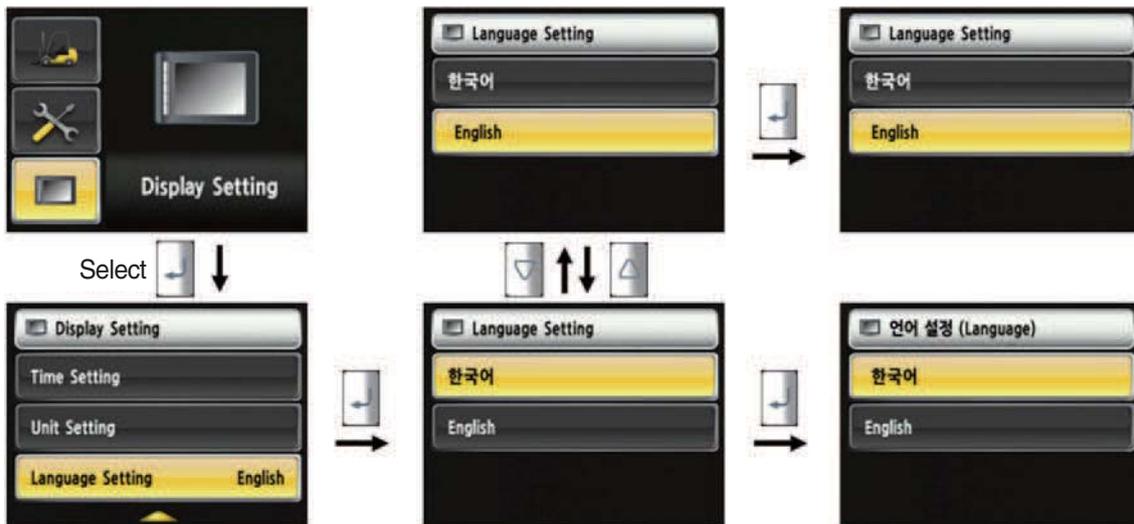


35D9SCL066



35D9SCL067

## (17) Language setup



35D9SCL068

### · How to set language

1. Display Setup > Language setup
2. Language setup changes the language that is displayed on the screen to language that user defined.
3. Currently, supported language is Korean and English.

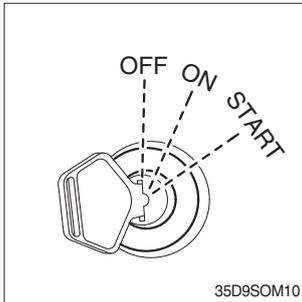
## 8) CAUSES AND CORRECTION OF CLUSTER WARNING LAMP

S/No.	Warning lamp types	Symbol	Warning and indicator lamp	Causes and correction
1	Engine oil pressure warning		Engine oil pressure warning lamp	Engine oil pressure is low. Please the engine oil refill.
2	Engine warm-up indicator		Engine warm-up indicator lamp	Warm-up will be started.
3	Air cleaner warning		Air cleaner warning lamp	Replace the filter.
4	Water in fuel warning		Water in fuel warning lamp	Please drain the water of water separator.
5	TM oil temperature warning		TM oil temperature warning lamp	TM oil is over temperature condition.
6	Parking brake indicator lamp		Parking brake indicator lamp	Parking brake is operating.
7	Brake oil level warning		Brake oil level warning lamp	Brake oil level is low. Please the brake oil refill.
8	Battery charging warning		Battery charging warning lamp	Charging the battery is bad. Please check alternator and wiring.
9	Tilt lock indicator		Tilt lock indicator lamp	Auto-leveling is the operational status.
10	OPSS indicator		OPSS indicator lamp	OPPS is working. Blocking driving or operation of the device.
11	Fuel warning		Fuel warning lamp	Fuel level is low. Please the diesel oil refill.
12	Coolant temperature warning		Engine coolant temperature warning lamp	Engine coolant is over temperature condition.
13	T/M oil pressure warning		Clutch oil pressure warning lamp	Inching operation. Check T/M to find out pressure drop.
14	Engine check warning		Engine check warning lamp	Check the failure code of cluster.
15	Engine stop warning		Engine stop warning lamp	Check the failure code of cluster.
16	DPF regeneration warning		DPF regeneration warning lamp	If necessary, display the regeneration DPF.
17	DPF inhibit indicator		DPF inhibit indicator lamp	DPF regeneration status is prohibited.

S/No.	Warning lamp types	Symbol	Warning and indicator lamp	Causes and correction
18	Exhaust high temperature warning		Exhaust system high temperature warning lamp	High temperature state of exhaust system.
19	LH Turn indicator		LH Turning pilot lamp	-
20	RH Turn indicator		RH Turning pilot lamp	-
21	Forward first gear		Forward first gear indicator lamp	-
22	Reverse first gear		Reverse first gear indicator lamp	-

## 5. OPERATING LEVER AND SWITCH

### 1) START SWITCH



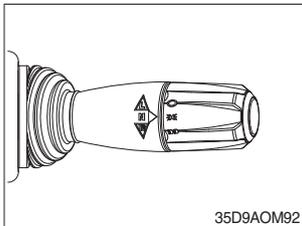
(1) There are three positions, OFF, ON and START.

※ Before starting, set gear shift lever at N, and pull parking brake.

- OFF : None of electrical circuits activates.
- ON : All the systems of machine operate.  
Preheat the system for 10~20 seconds.
- 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) CLEARANCE LAMP SWITCH



(1) Clearance lamp lights up

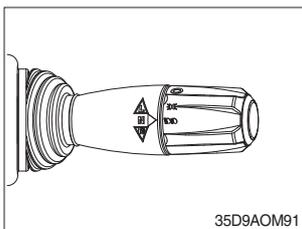
Twist the handle beneath steering wheel and make the notch align to ☉.

(2) Clearance lamp goes out

Twist the handle just opposite until the notch being aligned to ☉.

※ When clearance lamp light up, then the Clearance lamp and all panel lamps light up too.

### 3) HEAD LAMP SWITCH



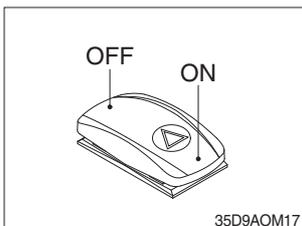
(1) Head lamp lights up

Twist the handle beneath steering wheel and make the notch align to ☉.

(2) Small lamp goes out

Twist the handle just the opposite direction described as above.

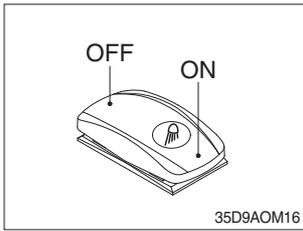
### 4) HAZARD LAMP SWITCH



(1) Use for parking, or loading machine.

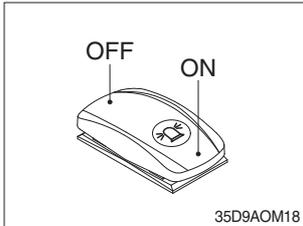
※ If the switch is left ON for a long time, the battery may be discharged.

### 5) REAR WORK LAMP SWITCH (option)



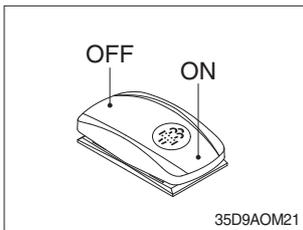
- (1) This switch is used to operate work lamps.  
Press this switch to turn on work lamps.

### 6) BEACON SWITCH (option)



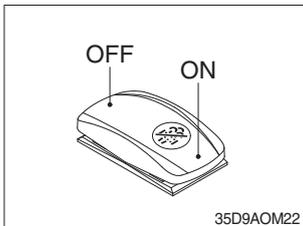
- (1) This switch turn ON the rotary light.

### 7) PARKED REGENERATION SWITCH



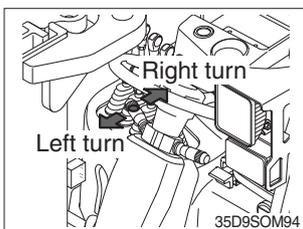
- (1) If the warning lamp of parked regeneration performing requirement is blinking (fast blink 1 Hz), driver operate the parked regeneration switch.
- (2) ECU performs the parked regeneration operation when switch is ON. Level 1~2. (refer to page 3-11)

### 8) INHIBIT REGENERATION SWITCH



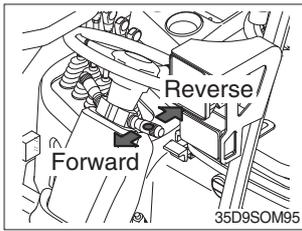
- (1) ECU will block regeneration when switch is ON.

### 9) TURN SIGNAL SWITCH



- (1) This lever makes the turn signal lamp flash.
  - ① Turning LEFT : Push lever forward
  - ② Turning RIGHT : Pull lever backward
- ※ **When the steering wheel is returned to straight, the turn signal is not cancelled. Return the lever to central position by hand.**

## 10) DIRECTION CONTROL LEVER

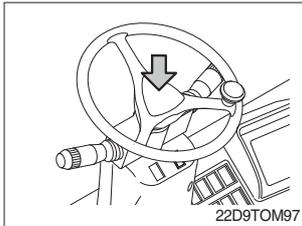


(1) Push lever for forward driving.

(2) Pull lever for reverse driving.

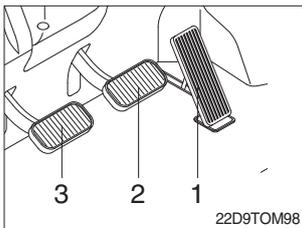
※ When changing direction or speed, there can be some sound but it's nothing to do with performance.

## 11) HORN BUTTON



(1) The horn sounds when the button is depressed.

## 12) PEDALS



(1) 1 : Accelerator pedal

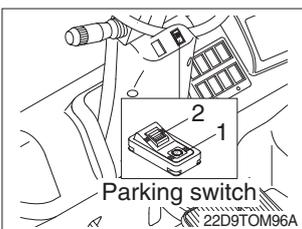
2 : Brake pedal

3 : Inching pedal

※ The inching pedal is used for fine control of forward and reverse movement when lifting up or putting down loads.

※ Do not put your foot on the inching pedal or brake pedal unless using it.

## 13) PARKING BRAKE SWITCH



(1) Position 1

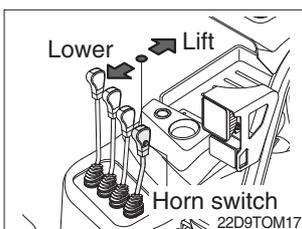
Parking brake is applied and front wheel is locked.

(2) Position 2

Parking brake is released.

※ Before moving the truck be sure the parking brake is released.

## 14) LIFT LEVER



(1) LIFT

PULL the lever BACK to LIFT the load.

(2) LOWER

PUSH the lever FORWARD to LOWER the load.

(3) HOLDING

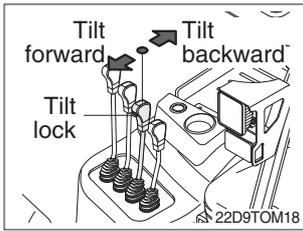
When the lever is released, the lifting or lowering action stops.

※ Lifting speed is controlled by accelerator pedal.

Lowering speed is controlled by lever only.

(4) The horn sounds when the button is pressed.

## 15) TILT LEVER



### (1) TILT FORWARD

PUSH the lever FORWARD to tilt mast FORWARD.

### (2) TILT BACK

PULL the lever BACK to tilt mast BACKWARD.

### (3) HOLDING

When the lever is released, tilting action stops.

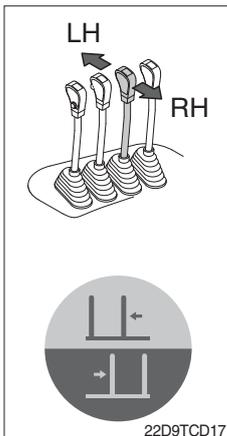
※ Forward and backward tilting speeds are controlled by tilt lever and accelerator pedal.

### (4) TILT LOCK (OPTION)

When the lever is operated on pressing tilt switch, auto tilting leveling function activated.

※ Auto tilt leveling : This function is mast tilt angle adjust to 0 degree(reference to truck position). This function have to be used at the engine low idle rpm and stop position. If this is activated at the high idle rpm or driving status, Don't guarantee the mast stop at upright vertical position.

## 16) LEVER FOR SIDE SHIFT



### (1) LH MOVEMENT

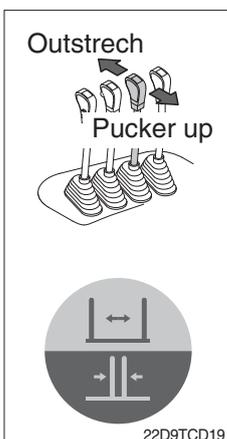
Push the lever forward to move the left hand for the side shift.

### (2) RH MOVEMENT

Pull the lever backward to move the right hand for the side shift.

## 17) LEVER FOR FORK POSITIONER ONLY

### (1) Fork positioner (synchronizer type)



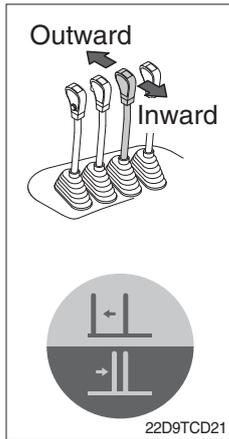
#### ① OUTSTREACH THE FORKS

Push the lever forward to outstreach simultaneously outward of the both forks.

#### ② PUCKER UP THE FORKS

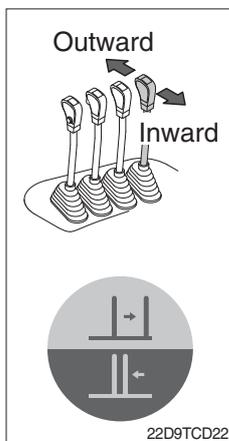
Pull the lever backward to pucker up simultaneously inward of the both forks.

## (2) Fork positioner (independent type)



### ① LH FORK MOVEMENT

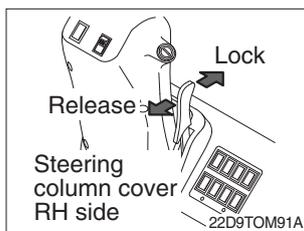
- Push the lever forward to move outward for the LH fork.
- Pull the lever backward to move inward for the LH fork.



### ② RH FORK MOVEMENT

- Push the lever forward to move outward for the RH fork.
- Pull the lever backward to move inward for the RH fork.

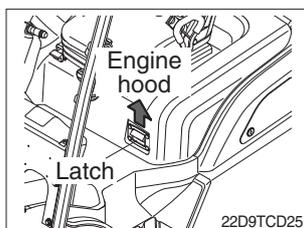
## 18) STEERING WHEEL LOCK KNOB



(1) The angle of the steering shell can be adjusted forward and backward.

- ① **Release** : Pull the knob backward.
- ② **Lock** : Release the knob.

## 19) ENGINE HOOD



(1) Pull the latch on the engine hood and raise the engine hood to open it. Pressed down on the engine hood, latch is easy operate.

(2) Inspection and maintenance can then be carried out easily.