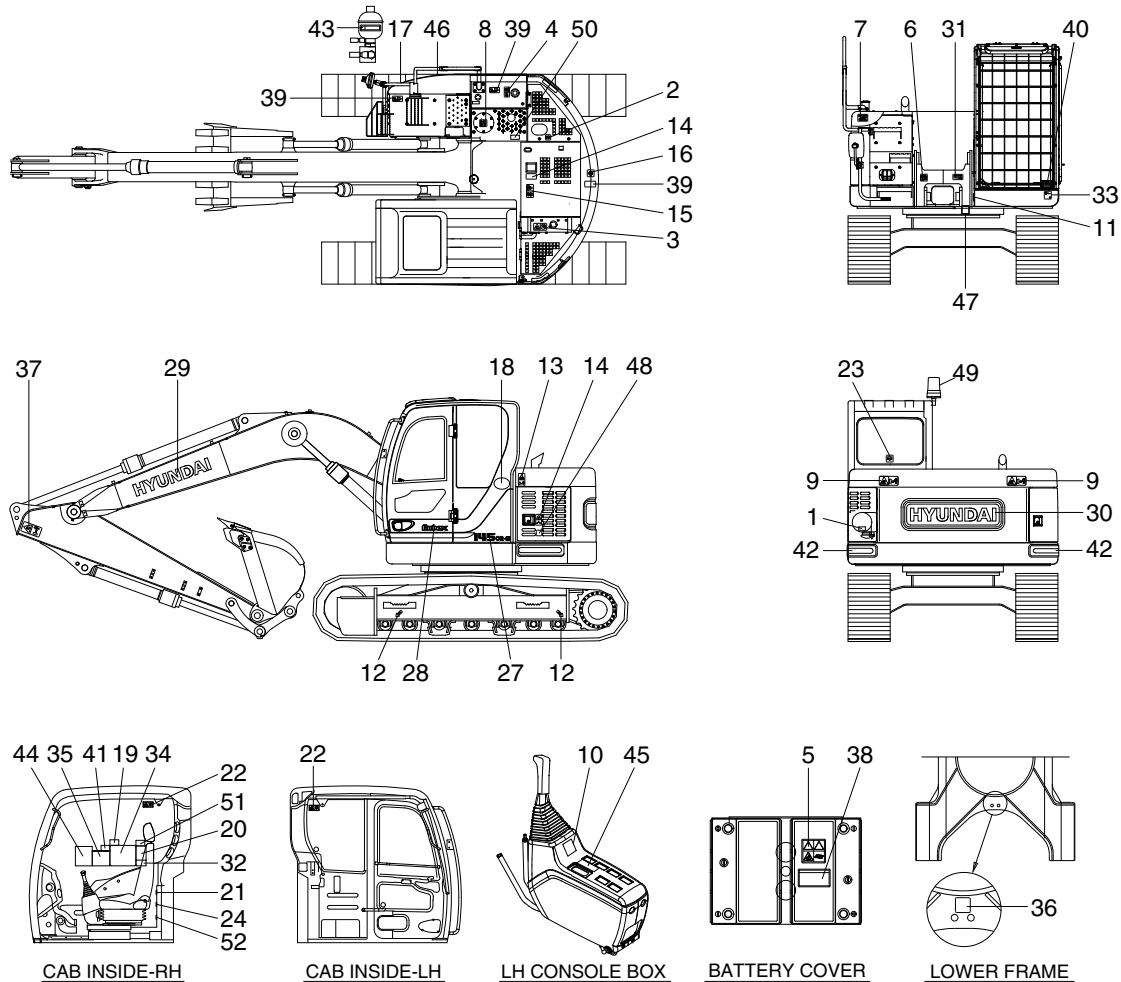


# SAFETY LABELS

## 1. LOCATION

Always keep these labels clean. If they are lost or damaged, attach them again or replace them with a new label.



140Z90SL01

- |                         |                                      |                            |
|-------------------------|--------------------------------------|----------------------------|
| 1 Air cleaner filter    | 18 Low emission engine               | 37 Keep clear-Boom/arm     |
| 2 Turbocharger cover    | 19 Control ideogram                  | 38 Connector               |
| 3 Radiator cap          | 20 Ref operator manual-cab RH pillar | 39 Falling                 |
| 4 Fueling               | 21 Hammer                            | 40 FOPS FOG plate          |
| 5 Battery accident      | 22 Safety front window               | 41 Turbocharger            |
| 6 High pressure hose    | 23 Alternate exit                    | 42 Reflector               |
| 7 Hydraulic oil level   | 24 Air conditioner filter            | 43 Accumulator             |
| 8 Hydraulic oil lub     | 27 Model name                        | 44 Machine control pattern |
| 9 Keep clear-rear       | 28 Logo (ROBEX)                      | 45 Control ideogram-dozer  |
| 10 Console box tilting  | 29 Trade mark (boom)                 | 46 RCV lever pattern       |
| 11 Name plate           | 30 Trade mark (CWT)                  | 47 Swing bearing           |
| 12 Sliding ideogram     | 31 Reduction gear grease             | 48 Battery position        |
| 13 Keep clear-side      | 32 Clamp-locking                     | 49 Beacon lamp             |
| 14 Stay fix             | 33 Noise level (LWA)                 | 50 Fuel shut off           |
| 15 Shearing-engine hood | 34 Service instruction               | 51 Water separator         |
| 16 No step              | 35 Lifting chart                     | 52 MCU/ECM connector       |
| 17 Transporting         | 36 Tie                               |                            |

## 2. DESCRIPTION

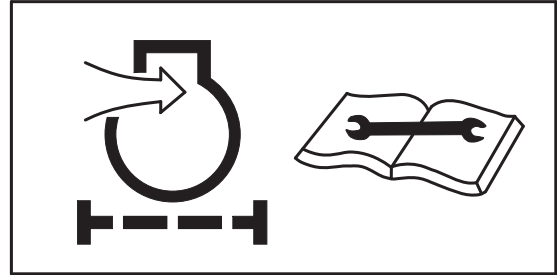
There are several specific warning labels on this machine please become familiarized with all warning labels.

Replace any safety label that is damaged, or missing.

### 1) AIR CLEANER FILTER (item 1)

This warning label is positioned on the air cleaner cover.

- ※ **Periodic and proper inspection, cleaning and change of elements prolong engine life time and maintain the good performance of engine.**



21070FW01

### 2) TURBOCHARGER COVER (item 2)

This warning label is positioned on the turbocharger cover.

- ▲ **Do not touch turbocharger or it may cause severe burn.**



21070FW02

### 3) RADIATOR CAP (item 3)

This warning label is positioned on the radiator.

- ▲ **Never open the filler cap while engine running or at high coolant temperature.**

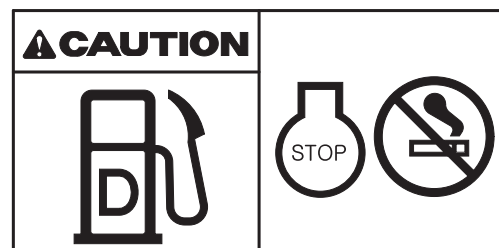


14070FW03

### 4) FUELING (item 4)

This warning label is positioned on the left side of fuel filler neck.

- ▲ **Stop the engine when refueling. All lights or flames shall be kept at a safe distance while refueling.**



21070FW04

#### 5) BATTERY ACCIDENT (item 5)

This warning label is positioned on the battery cover.

⚠ **Electrolyte containing sulfuric acid cause severe burns. Avoid being in contact with skin, eyes or clothes. In the event of accident flush with sufficient water, call a physician immediately.**

※ **Maintain the electrolyte at the recommended level.**

With electrolyte at proper level, less space may cause the gases to be accumulated in the battery.

⚠ **Extinguish all smoking materials and open flames before checking the battery.**

⚠ **Do not use matches, lighters or torches as a light source near the battery for the probable presence of explosive gas.**

⚠ **Do not allow unauthorized personnel to change the battery or to use booster cables.**

⚠ **For safety from electric shock, do not battery terminal with a wet hand.**



36070FW05

#### 6) HIGH PRESSURE HOSE (item 6)

These warning labels are positioned in the front of upper frame and on the right side of MCV box.

⚠ **Escaping fluid under pressure can penetrate the skin causing serious injury.**

※ **Study the service manual before service job.**

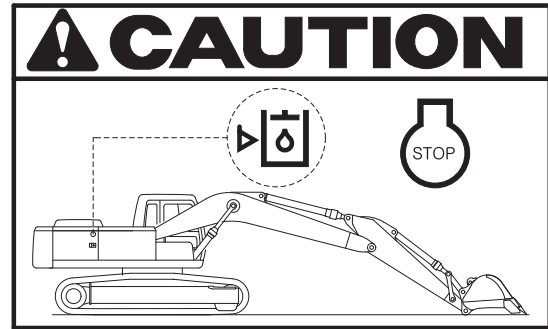


14070FW29

#### 7) HYDRAULIC OIL LEVEL (item 7)

This warning label is positioned on the inside of the MCV box.

- ▲ Place the bucket on the ground whenever servicing the hydraulic system.
- ※ Check oil level on the level gauge.
- ※ Refill the recommended hydraulic oil up to specified level if necessary.



21070FW07

#### 8) HYDRAULIC OIL LUBRICATION (item 8)

This warning label is positioned on the top of the hydraulic tank.

- ※ Do not mix with different brand oils.
- ▲ Never open the filler cap while high temperature.
- ▲ Loosen the cap slowly and release internal pressure completely.

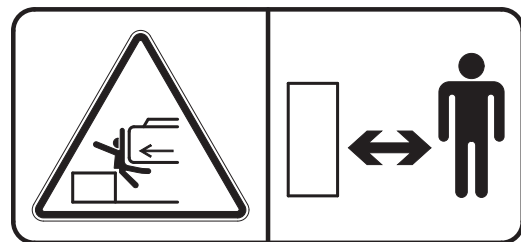


14070FW08

#### 9) REAR KEEP CLEAR (item 9)

This warning label is positioned on the rear of counterweight.

- ▲ To prevent serious personal injury or death keep clear of machine swing radius.
- ▲ Do not deface or remove this label from the machine.

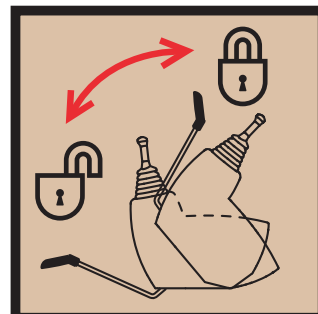


21090FW09

#### 10) CONSOLE BOX TILTING (item 10)

This warning label is positioned on the LH console box.

- ※ Before you get off the machine be sure to tilt the LH console box.



30007A1FW06

### 11) SIDE KEEP CLEAR (item 13)

This warning labels are positioned on the both side of counterweight.

- ⚠ **To prevent serious personal injury or death keep clear of machine swing radius.**
- ⚠ **Do not deface or remove this label from the machine.**



21070FW13

### 12) STAY FIX (item 14)

This warning labels are positioned on the both side cover and MCV box.

- ⚠ **Be sure to support the stay when the door needs to be opened.**
- ⚠ **Be careful that the opened door may be closed by the external or natural force like strong wind.**

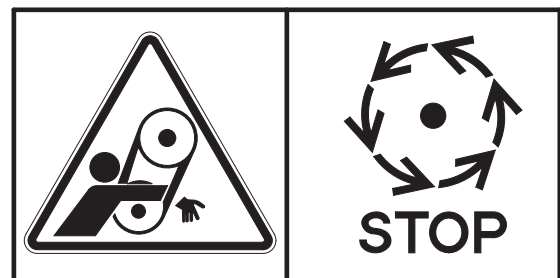


21070FW14

### 13) SHEARING-ENGINE HOOD (item 15)

This warning label is positioned on the engine hood.

- ⚠ **Don't open the engine hood during the engine's running.**
- ⚠ **Don't touch exhaust pipe or it may cause severe burn.**



21070FW15

**14) NO STEP** (item 16)

These warning label is positioned on the counterweight.

- △ **Don't step on the engine hood and counterweight.**



21070FW16

**15) TRANSPORTING** (item 17)

This warning label is positioned right side of upper frame.

- ▲ **Study the operator's manual before transporting the machine, if provided and tie down arm and track to the carrier with lashing wire.**  
See page 5-6 for details.

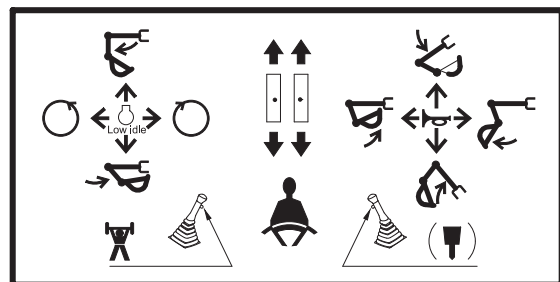


14070FW17

**16) CONTROL IDEOGRAM** (item 19)

This warning label is positioned in right window of the cab.

- ▲ **Check the machine control pattern for conformance to pattern on this label. If not, change label to match pattern before operating machine.**
- ▲ **Failure to do so could result in injury or death.**  
See page 4-11 for details.

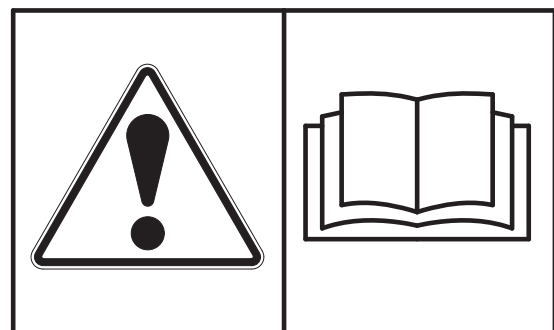


36070FW19

**17) REF OPERATOR MANUAL** (item 20)

This warning label is positioned on the right side window of the cab.

- ▲ **Study the operator's manual before starting and operating machine.**



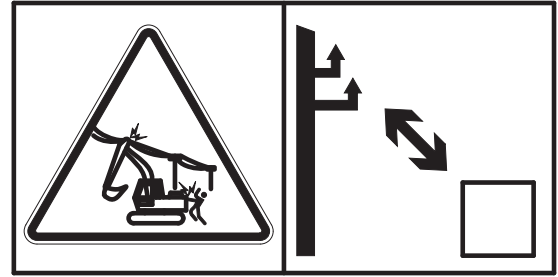
21070FW22

### 18) MAX HEIGHT (item 20)

This warning label is positioned on the right side window of the cab.

- ⚠ **Serious injury or death can result from contact with electric lines.**

An electric shock being received by merely coming into the vicinity of an electric lines, the minimum distance should be kept considering the supply voltage as page 1-7.

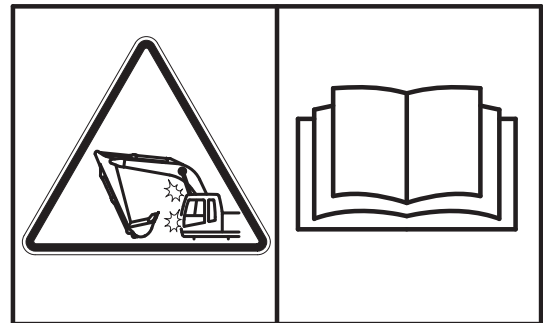


21070FW23

### 19) INTERFERENCE (item 20)

This warning label is positioned on the right side window of the cab.

- ⚠ **Be careful to operate machine equipped with quick clamp or extensions.**
- ⚠ **Bucket may hit cab or boom, boom cylinders when it reached vicinity of them.**

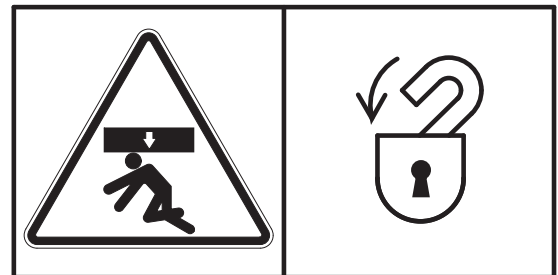


21090FW62

### 20) SAFETY FRONT WINDOW (item 22)

This warning label is positioned on the both side window of the cab.

- ⚠ **Be careful that the front window may be promptly closed.**

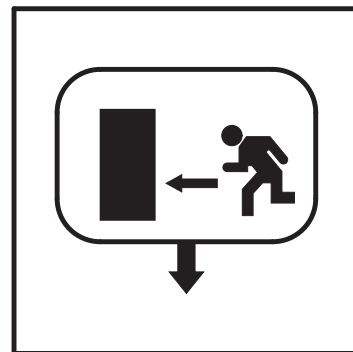


21070FW24

### 21) ALTERNATE EXIT (item 23)

This warning label is positioned on the inside of rear window.

- ※ **The rear window serves us an alternate exit.**
- ※ **To remove rear window, pull the ring and push out the glass.**

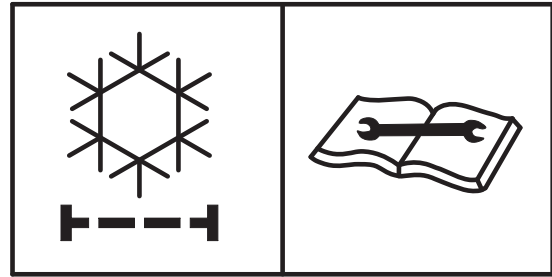


21070FW25

## 22) AIR CONDITIONER FILTER (item 24)

This warning label is positioned on the air conditioner cover.

- ※ **Periodic and proper inspection, cleaning and change of filter prolong air conditioner life time and maintain good performance.**



21070FW26

## 23) REDUCTION GEAR GREASE (item 31)

This warning label is positioned in the front of upper frame.

- ⚠ **Grease is under high pressure.**  
Grease coming out of the grease plug under pressure can penetrate the body causing injury or death.

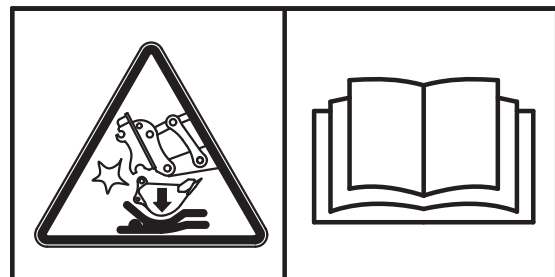


21070FW35

## 24) CLAMP-LOCKING (item 32)

This warning label is positioned on the right side window of cab.

- ⚠ **Serious injury or death can result from dropping bucket.**
- ⚠ **Operating the machine with quick clamp switch unlocked or without safety pin of moving hook can cause the bucket to drop off.**



14070FW60

## 25) TIE (item 36)

This warning label is positioned on the lower frame.

- ⚠ **Make sure no personal are standing close to the tow rope.**
- ⚠ **See page 4-14 for detail.**



4507A0FW02



## 26) KEEP CLEAR-BOOM/ARM (item 37)

This warning label is positioned on both side of the arm.

- ⚠ **Serious injury or death can result from falling of the attachment.**
- ⚠ **To prevent serious injury or death, keep clear the underneath of attachment.**

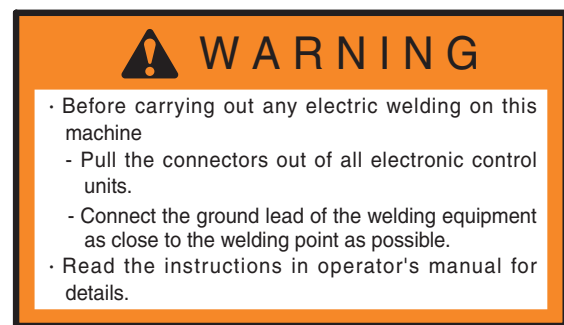


14070FW31

## 27) CONNECTOR (item 38)

This warning label is positioned on the battery cover.

- ⚠ **Before carrying out any electric welding on this machine, follow the below procedure.**
  - Pull the connector out of all electric control units.
  - Connector the ground lead of the welding equipment as close to the welding point as possible.
- ※ **See page 6-41 for detail.**



7807AFW20

## 28) FALLING (item 39)

These warning labels are positioned on the top of the hydraulic tank and counterweight.

- ⚠ **Falling is one of the major cause of personal injury.**
- ⚠ **Be careful of slippery conditions on the platforms, steps and handrails when standing on the machine.**

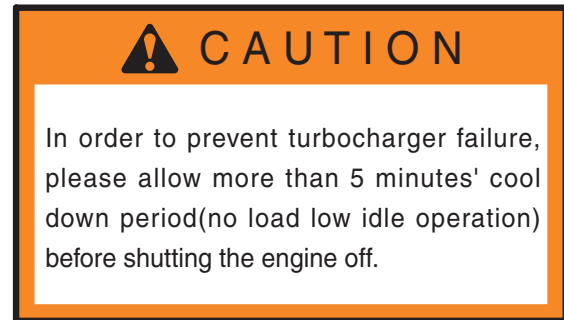


14070FW30

### 29) TURBOCHARGER (item 41)

This warning label is positioned on the right window of the cab.

- ▲ In order to prevent turbocharger failure, please allow more than 5 minutes' cool down period (no load low idle operation) before shutting the engine off.



7807AFW20

### 30) REFLECTOR(item 42)

This warning label is positioned on the rear of counterweight.

- ▲ To prevent serious personal injury or death keep clear of machine swing radius.
- ▲ Do not deface or remove this label from the machine.



140Z90FW70

### 31) ACCUMULATOR (item 43)

This warning label is positioned on the accumulator of the solenoid valve.

- ※ The accumulator is filled with high pressure nitrogen gas, and it is extremely dangerous if it is handled in the wrong way. Always observe the following precautions.
- ▲ Never make any hole in the accumulator expose it to flame or fire.
- ▲ Do not weld anything to the accumulator.
- ※ When carrying out disassembly or maintenance of the accumulator, or when disposing of the accumulator, it is necessary to release the gas from the accumulator. A special air bleed valve is necessary for this operation, so please contact your Hyundai distributor.

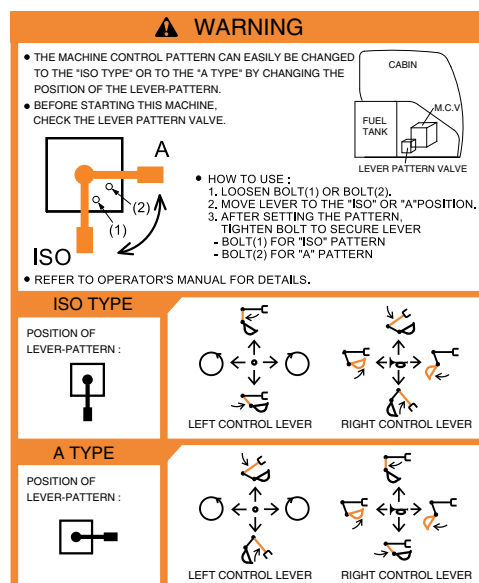


1107A0FW46

### 32) MACHINE CONTROL PATTERN (item 44)

This warning label is positioned on the right side window of the cab.

- ⚠ **Check the machine control pattern for conformance to pattern on this label. If not, change label to match pattern before operating machine.**
- ⚠ **Failure to do so could result in injury or death.**
- ※ **See page 4-26 for details.**

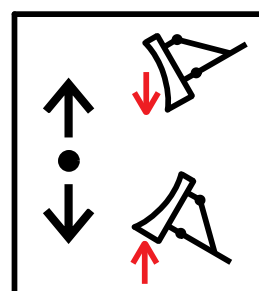


140Z90FW99

### 33) CONTROL IDEOGRAM-DOZER (item 45)

This warning label is positioned on the LH console box.

- ※ **See page 4-11 for details.**
- ※ **Guidelines for using the general dozer blade.**
  - Be careful not to apply an excessive load when using a blade.
  - Avoid impacts and loads on the bottom due to machine modification or excessive working conditions.
  - Check the **BLADE UP** status before traveling the machine.
  - Avoid any collision with the upper working device and the blade.
  - Do not move machine in the blade jack up state.
  - When using blade jack up, use it in an environment where the ground is not rough and the machine and ground are same level.



R25Z9A0FW06

**34) RCV LEVER PATTERN (item 46)**

This warning label is positioned right side of MCV box.

※ See page 4-25 for details.

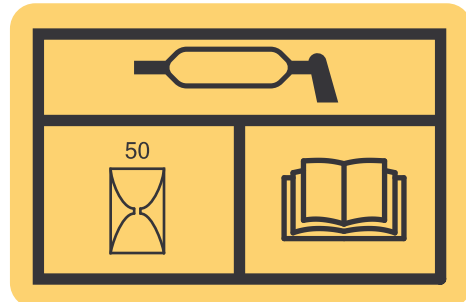


14W90FW47

**35) SWING BEARING (item 47)**

This warning label is positioned in the front of swing ring gear.

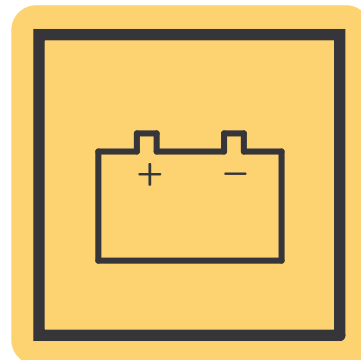
※ See page 6-32 for details.



38090FW02

**36) BATTERY POSITION (item 48)**

This warning label is positioned left side of side door.



38090FW03

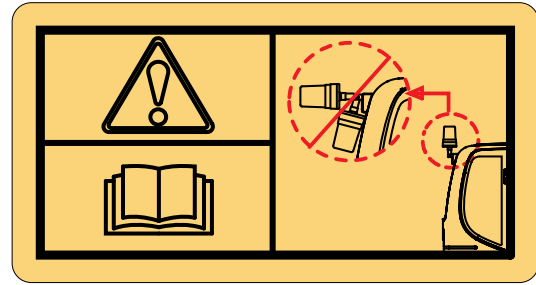
### 37) BEACON LAMP (item 49)

This warning label is positioned on the center outside of the cabin.

- ※ **Make sure the beacon lamp maintains a vertical position.**

A horizontal position can result in a decrease in life time of the lamp due to the infiltration of foreign substances such as dust or water.

- ※ **While the machine transfer, the beacon lamp is easy to break. In that case, change the position of the lamp to the horizontal.**

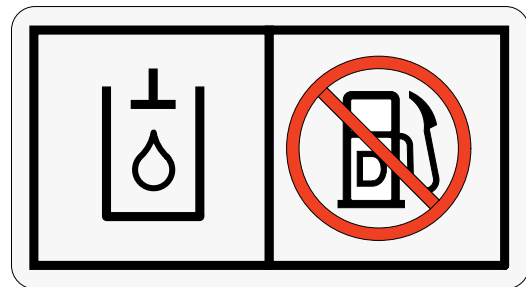


140Z90FW49

### 38) FUEL SHUT OFF (item 50)

This warning label is positioned on the left side of the hydraulic tank.

- ※ **Fill only the hydraulic oil.**
- ※ **Do not fill the diesel fuel.**



140WH90FW51

### 39) WATER SEPARATOR (item 51)

This warning label is positioned in right window of the cab.

- ▲ **In order to protect high pressure fuel system, please drain water in water separator before starting the engine.**

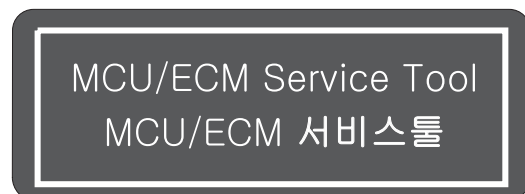


210N90FW50

### 40) MCU/ECM CONNECTOR (item 52)

This warning label is positioned on the low cover of the air conditioner in the cab.

- ※ **MCU communicates the machine data with Laptop computer through RS232 service socket.**
- ※ **ECM communicates the engine data with Mitsubishi electric tool adapter through J1939 service socket.**
- ※ **See page 3-48 for details.**



235Z90FW52