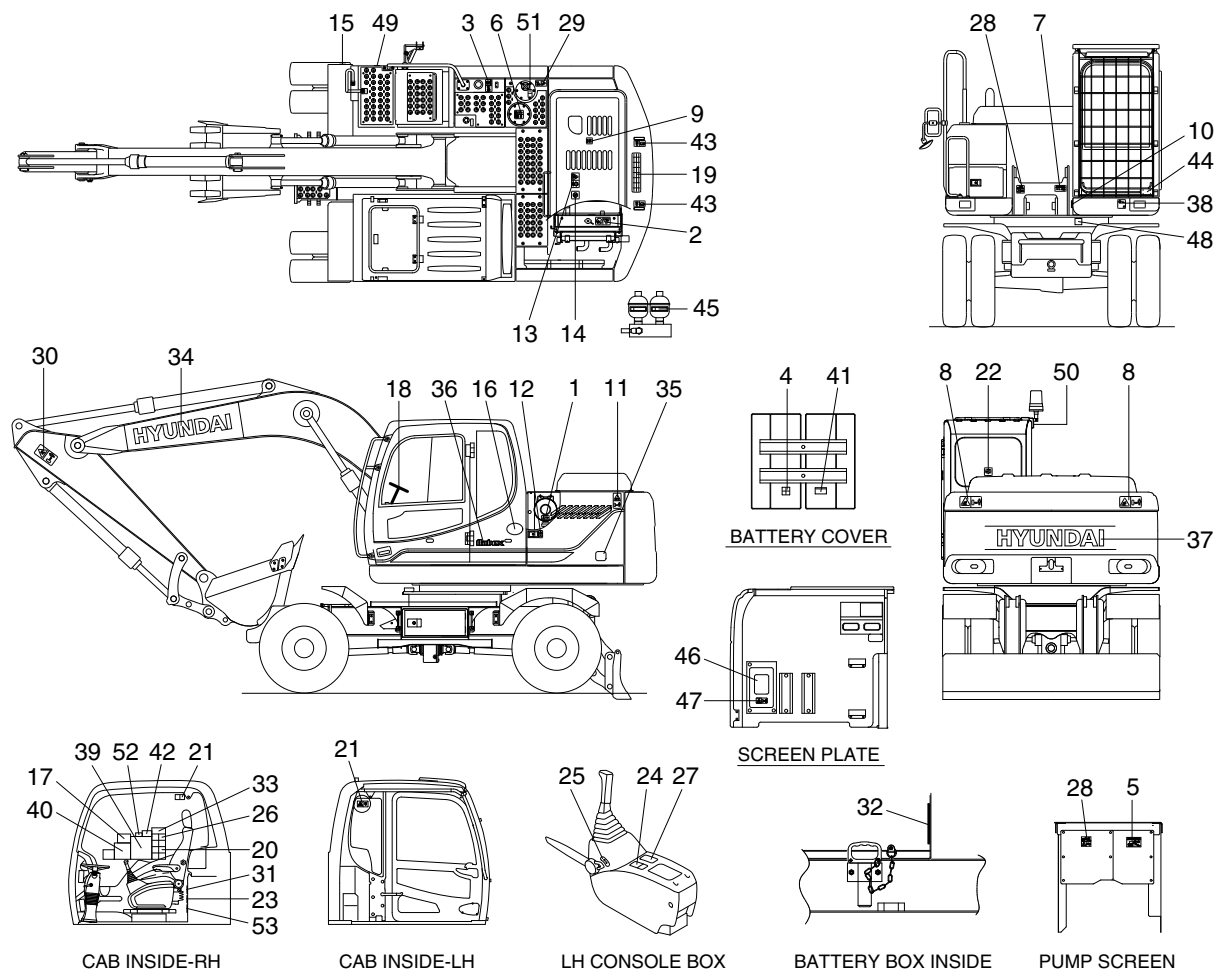


# SAFETY LABELS

## 1. LOCATION

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



14W90SL01

1 Air cleaner filter	19 Safety work	37 Trade mark (CWT)
2 Radiator cap	20 Ref operator manual-cab. RH pillar	38 Noise level (LWA)
3 Fueling	21 Safety front window	39 Service instruction
4 Battery accident	22 Alternate exit	40 Lifting chart
5 Hydraulic oil level	23 Air conditioner filter	41 Connector
6 Hydraulic oil lubrication	24 Console box tilting	42 Turbocharger
7 Reduction gear grease	25 Safety lever	43 Lifting eye
8 Keep clear-rear	26 Locking clamp	44 FOPS FOG plate
9 Turbocharger cover	27 Ideogram-dozer/outrigger	45 Accumulator
10 Name plate	28 High pressure hose	46 Control ideogram
11 Keep clear-side	29 Falling	47 RCV-lever pattern
12 Stay fix	30 Keep clear-boom/arm	48 Swing-bearing
13 Shearing-engine hood	31 Hammer	49 Battery position
14 No step engine hood	32 Swing ideogram	50 Beacon lamp
15 Transporting	33 Swing lock	51 Fuel shut off
16 Low emission engine	34 Trade mark (boom)	52 Water separator
17 Control ideogram	35 Model name	53 MCU/ECM connector
18 Steering wheel	36 Logo (ROBEX)	

## 2. DESCRIPTION

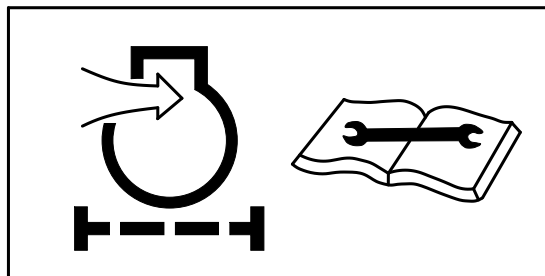
There are several specific warning labels on this machine please become familiarized with all warning labels.

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) RADIATOR CAP (Item 2)

This warning label is positioned on the radiator.

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

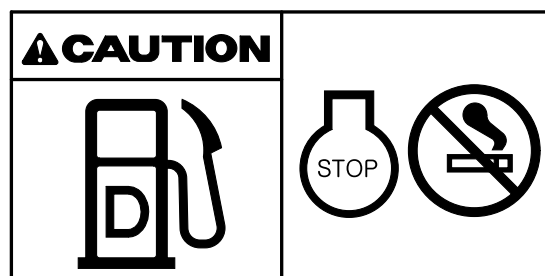


14070FW03

### 3) FUELING (Item 3)

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

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



21070FW04

#### 4) BATTERY ACCIDENT (Item 4)

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 terminals with a wet hand.**



36070FW05

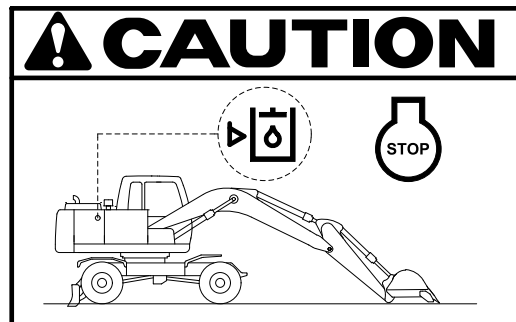
#### 5) HYDRAULIC OIL LEVEL (Item 5)

This warning label is positioned on the screen plate.

⚠ **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.**



20W70FW07A

#### 6) HYDRAULIC OIL LUBRICATION (Item 6)

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 engine running or at high hydraulic oil temperature.
- ▲ Loosen the cap slowly and release internal pressure completely.

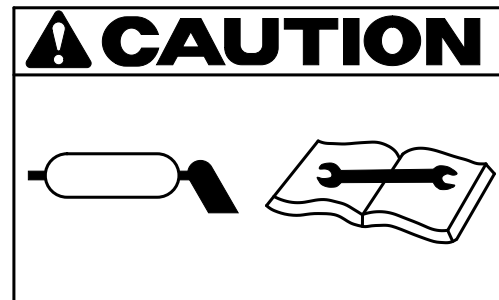


21070FW08

#### 7) REDUCTION GEAR GREASE (Item 7)

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.

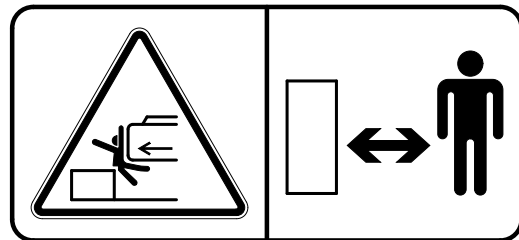


21070FW35

#### 8) KEEP CLEAR-REAR (Item 8)

This warning label is positioned on the 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

#### 9) TURBOCHARGER COVER (Item 9)

This warning label is positioned on the turbocharger cover.

- ▲ Do not touch turbo charger or it may cause severe burn.

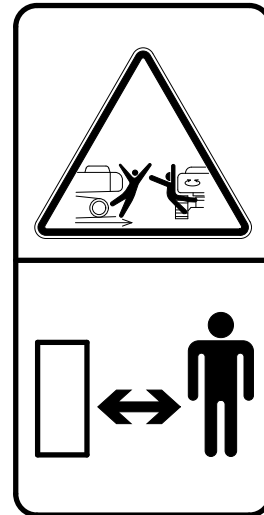


21070FW02

#### 10) KEEP CLEAR-SIDE (Item 11)

This warning label is positioned on the LH side cover.

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



21070FW13

#### 11) STAY FIX (Item 12)

This warning label is positioned on the both side cover.

- ⚠ 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.

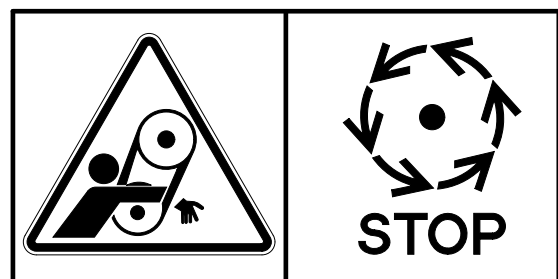


21070FW14

#### 12) SHEARING-ENGINE HOOD (Item 13)

This warning label is positioned on the engine hood.

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

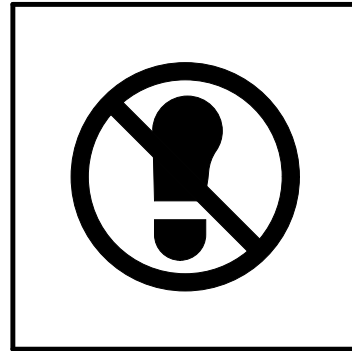


21070FW15

**13) NO STEP-ENGINE HOOD (Item 14)**

This warning label is positioned on the engine hood.

- △ Do not step on the engine hood.

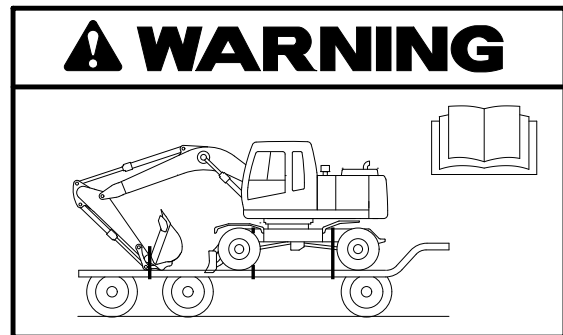


21070FW16

**14) TRANSPORTING (Item 15)**

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 5-7 for details.

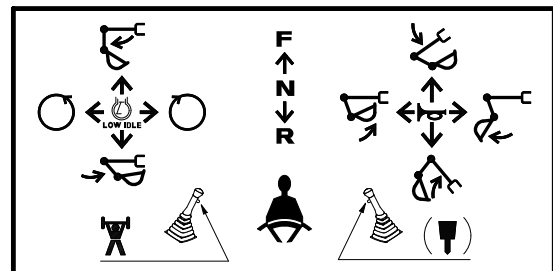


20W70FW17

**15) CONTROL IDEOGRAM (Item 17)**

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.

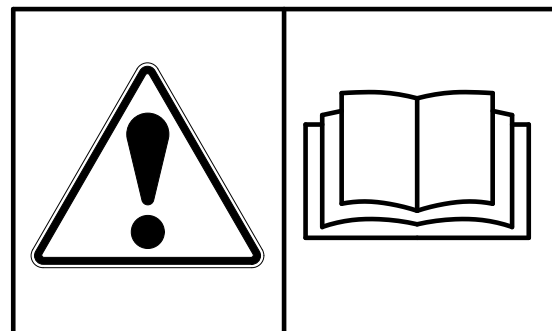


20W70FW19

**16) 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.



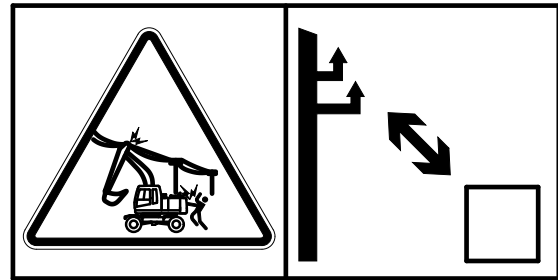
21070FW22

**17) 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.



20W70FW23

**18) 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.**

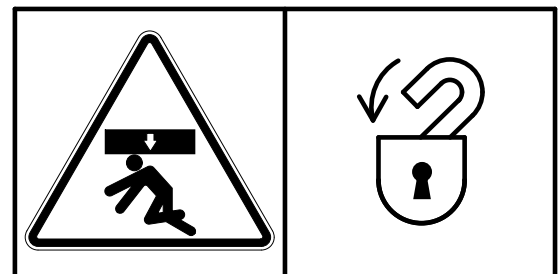


20W70FW62

**19) SAFETY FRONT WINDOW (Item 21)**

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

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

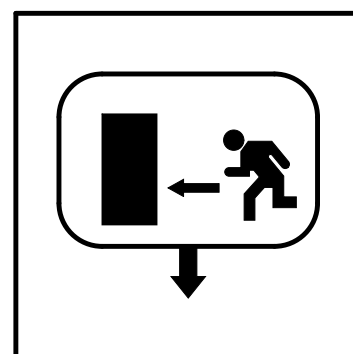


21070FW24

**20) ALTERNATE EXIT (Item 22)**

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.**

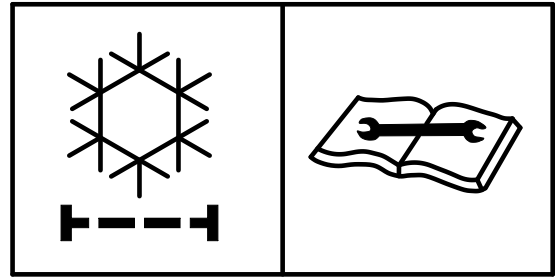


21070FW25

#### 21) AIR CONDITIONER FILTER (Item 23)

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.**

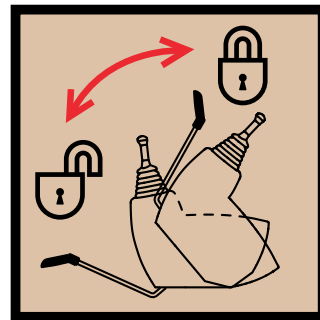


21070FW26

#### 22) CONSOLE BOX TILTING (Item 24)

This warning label is positioned on the LH console box.

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

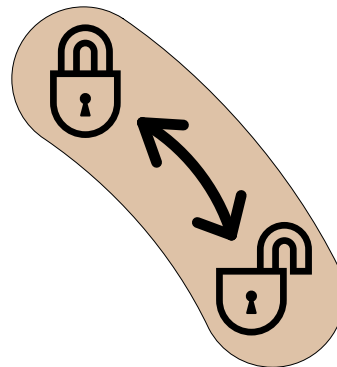


30007A1FW06

#### 23) SAFETY LEVER (Item 25)

This warning label is positioned on the cover of the safety lever.

- ▲ **Before you get off the machine be sure to place the safety lever LOCKED position.**

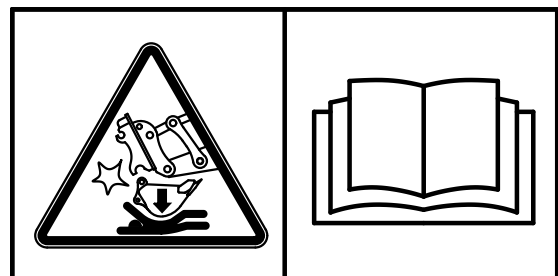


30007A1FW07A

#### 24) CLAMP-LOCKING (Item 26)

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.**



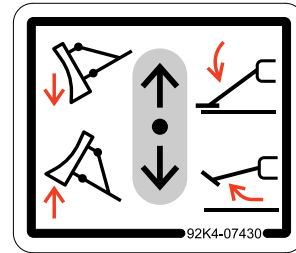
14070FW60



## 25) DOZER/OUTRIGGER IDEOGRAM (item 27)

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.



92K4-07430

## 26) HIGH PRESSURE HOSE (Item 28)

This warning label is positioned on the screen plate.

- ▲ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ※ Study the service manual before service job.



14070FW29

### 27) FALLING (Item 29)

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

- ⚠ 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

### 28) KEEP CLEAR-BOOM/ARM (Item 30)

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

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

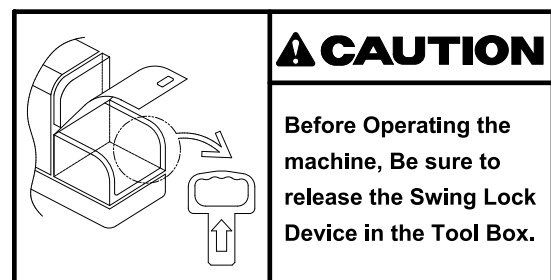


14070FW31

### 29) SWING IDEOGRAM (Item 32)

This warning label is positioned in the tool box.

- ⚠ Before you operating the machine, be sure to release the swing lock pin in the tool box.

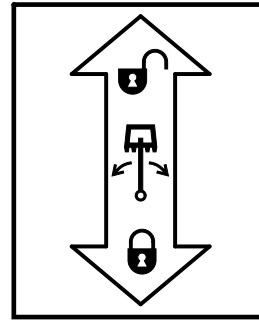


20W70FW63

### 30) SWING LOCK (Item 33)

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

- ⚠ **Before you leaving the machine, always place the swing lock pin securely in the LOCK position.**

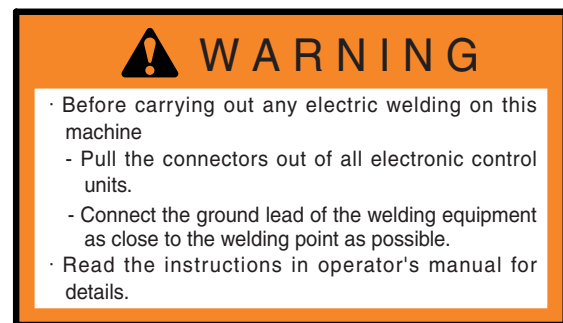


20W70FW64

### 31) CONNECTOR (Item 41)

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 6-46 for detail.**

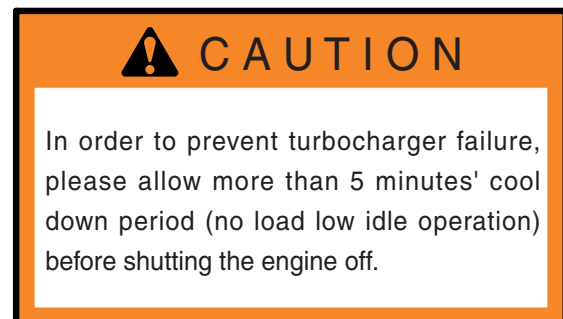


7807AFW20

### 32) TURBOCHARGER (Item 42)

This warning label is positioned in 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.**

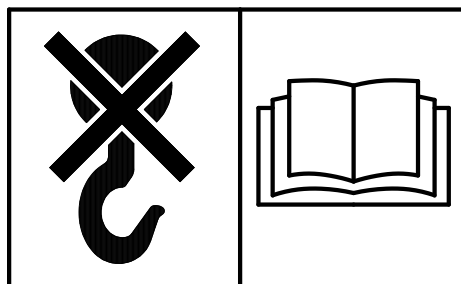


7807AFW20

### 33) LIFTING EYE (Item 43)

This warning label is positioned on the counterweight.

- ⚠ Do not lift the machine by using lifting eyes on the counterweight or the lifting eyes may be subject to overload causing its breaking and possible personal injury.

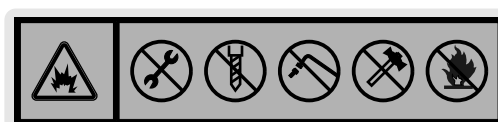


21070FW10

### 34) ACCUMULATOR (item 45)

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.

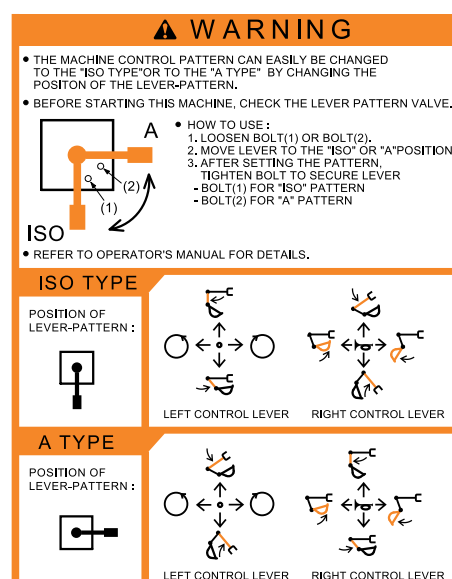


1107A0FW46

### 35) CONTROL IDEOGRAM (item 46)

This warning label is positioned inside of LH side cover.

- ⚠ 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.

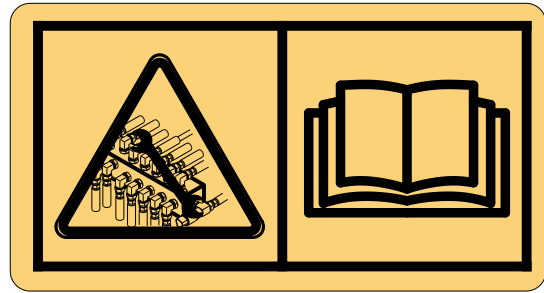


14W90FW99

### 36) RCV LEVER PATTERN (item 47)

This warning label is positioned on the screen plate.

※ See page 4-29 for details.

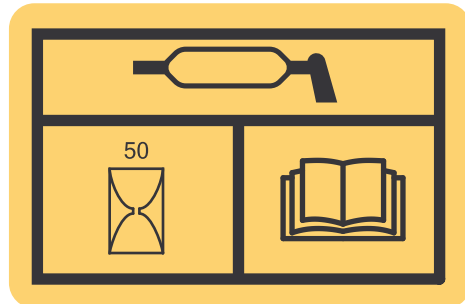


14W90FW47

### 37) SWING BEARING (item 48)

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

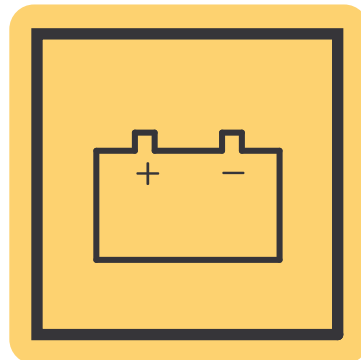
※ See page 6-35 for details.



38090FW02

### 38) BATTERY POSITION (item 49)

This warning label is positioned right side of tool box.



38090FW03

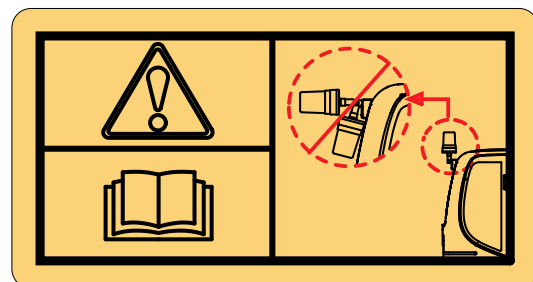
### 39) BEACON LAMP (item 50)

This warning label is positioned on the right 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.

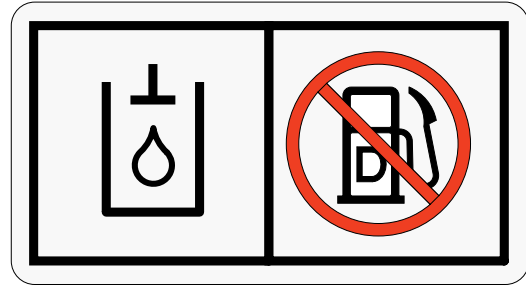


140Z90FW49

#### 40) FUEL SHUT OFF (item 51)

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

#### 41) WATER SEPARATOR (item 52)

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

#### 42) MCU/ECM CONNECTOR (item 53)

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 cummins INSITE tool adapter through J1939 service socket.
- ※ See page 3-54 for details.



235Z90FW52