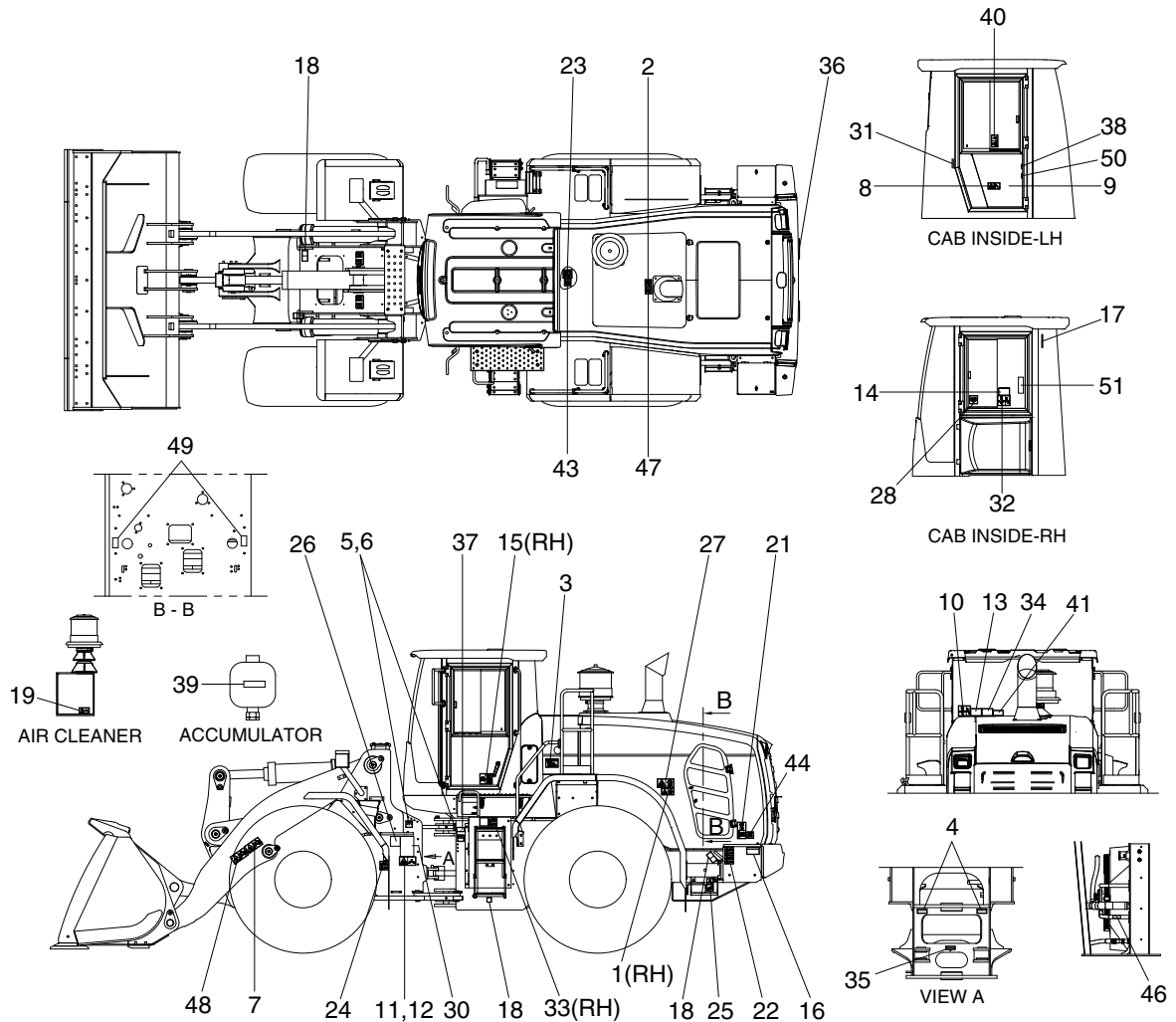


# SAFETY LABELS

## 1. LOCATION

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



970A0FW03A

1 Start motor	18 Lift & tie	36 Keep clear/Reflect
2 Turbocharger cover	19 Air cleaner	37 Nameplate
3 Hyd oil level	20 Bio oil	38 ROPS plate
4 Ride control (option)	21 Fueling	39 Accumulator
5 Grease (A)	22 Battery accident	40 Joystick steering (option)
6 Grease (B)	23 Hyd oil lub	41 Caution (water separator, turbocharger)
7 Bucket stopper	24 High pressure hose	43 Fuel cut off
8 Max h/reach	26 Manual lowering valve	44 Ultra low sulfur diesel
9 Rollover	27 Engine door shearing	45 Refrigerant
10 ROPS cab	28 Alternate exit	46 Use handrail
11,12 Steering warning-LH/RH	30 Service instruction	47 No step
13 Engine start caution	31 Fire extinguisher	48 Quick coupler (option)
14 Control ideogram	32 Start procedure	49 Emergency fire hole
15 Air conditioner filter	33 Diesel exhaust fluid	50 Engine name plate
16 Electric welding	34 Specification sheet	51 Tilt handle
17 Hammer	35 Grease (center)	

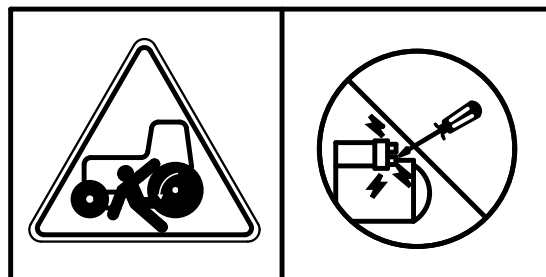
## 2. DESCRIPTION

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. If a safety label is attached to a part that is replaced, install a safety label on the replacement part.

### 1) START MOTOR (item 1)

This warning label is positioned on the left side of the engine hood.

- ▲ **Start the engine only from the operator's compartment. Never short across the starter terminals or across the batteries. Shorting could bypass the engine neutral start system. Shorting could also damage the electrical system.**



77070FW05

### 2) TURBOCHARGER COVER (item 2)

This warning label is positioned on the turbocharger cover.

- ▲ **Do not touch turbocharger or it may cause severe burn. When the engine is running or immediately after engine shut down.**

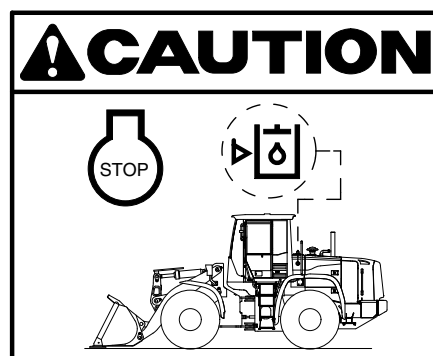


21070FW02

### 3) HYDRAULIC OIL LEVEL (item 3)

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

- ▲ **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.**



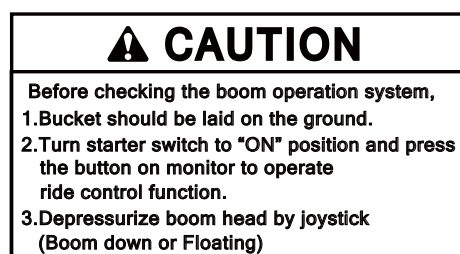
7609A0FW06

### 4) RIDE CONTROL (item 4)

This warning label is positioned on the front frame.

**Before checking the boom operation system,**

1. Bucket should be laid on the ground.
2. Turn start switch to "ON" position and press the button on monitor to operate ride control function.
3. Depressurize boom head by joystick.  
(boom down or floating)

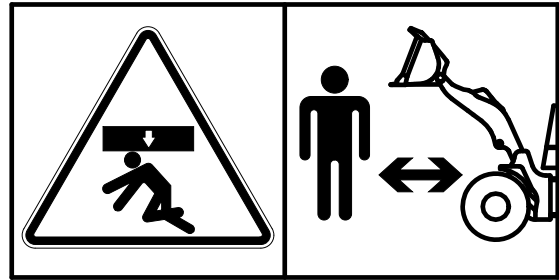


970A0FW90

#### 5) BUCKET STOPPER (item 7)

This warning label is positioned on the middle of the boom.

- ⚠ When working under or around the bucket or linkage, with bucket raised, proper support must be provided for the bucket and/or the linkage.

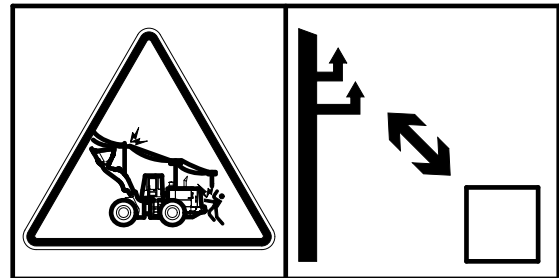


7803AFW05

#### 6) MAX HEIGHT (item 8)

This warning label is positioned on the left 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 1-22.



7803AFW16

#### 7) ROLL OVER (item 9)

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

- ⚠ Structural damage, an overturn, modification, alternation, or improper repair can impair this structure's protection capability thereby voiding this certification.
- ⚠ Always use seat belt when operating your machine. Always check the condition of the seat belt and the condition of the mounting hardware before you operate the machine.

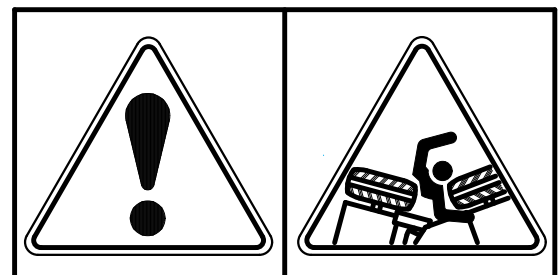


77070FW14

#### 8) STEERING WARNING (item 11, 12)

The warning label is positioned on the both side of the front frame.

- ⚠ No clearance for person in this area when machine turns.
- ⚠ Severe injury or death from crushing could occur.

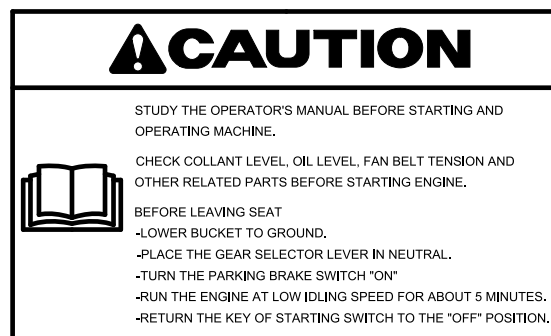


77070FW07

### 9) ENGINE START CAUTION (item 13)

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

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



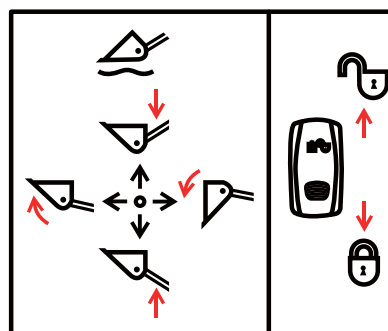
77070FW08

### 10) CONTROL IDEOGRAM (item 14)

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

- ▲ **Confirm the operation of control lever and working device before operating the machine.**

※ Refer to the page 4-9 for details.

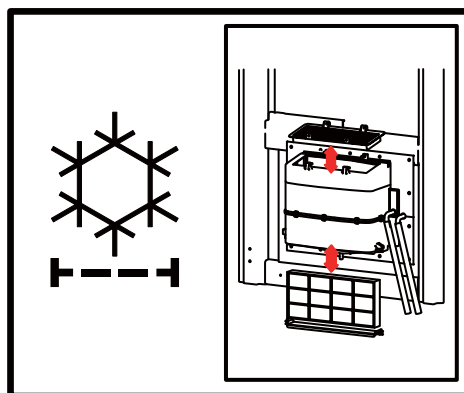


74090FW04

### 11) AIR CONDITIONER FILTER (item 15)

This warning label is positioned on the air-conditioner filter.

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



760F0FW10

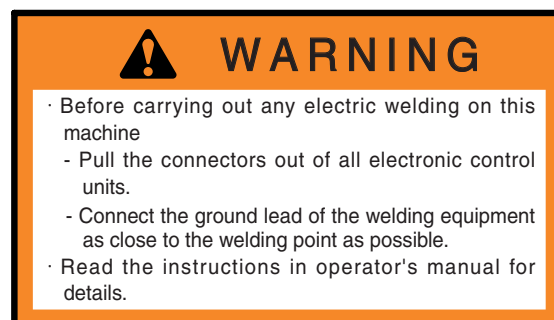
### 12) ELECTRIC WELDING (item 16)

This warning label is positioned on the side of the battery box.

- ▲ **Before carrying out any electric welding on this machine**

- Pull the connectors out of all electronic control units.
- Connect the ground lead of the welding equipment as close to the welding point as possible.

※ Refer to the page 6-53 for details.



7803AFW20

### 13) LIFT & TIE (item 18)

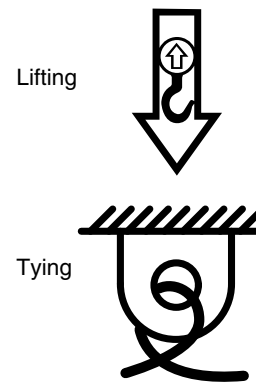
This label is positioned on the both side of the front and rear frame.

#### - Lifting point

In order to lift the machine, attach the lifting devices to the lifting points.

#### - Tying point

In order to tie down the machine, attach the tie-downs to the tying points.

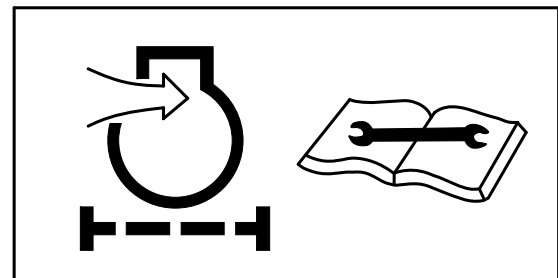


75790FW04

### 14) AIR CLEANER (item 19)

The warning label is positioned on the air cleaner.

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



21070FW01

### 15) BIO OIL (item 20)

This warning label is positioned on the right side of the engine hood.

- ⚠ Do not mix with other bio-oil.

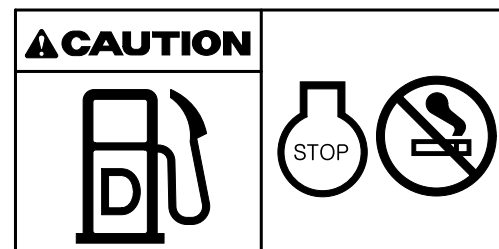


960A0FW11

### 16) FUELING (item 21)

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.

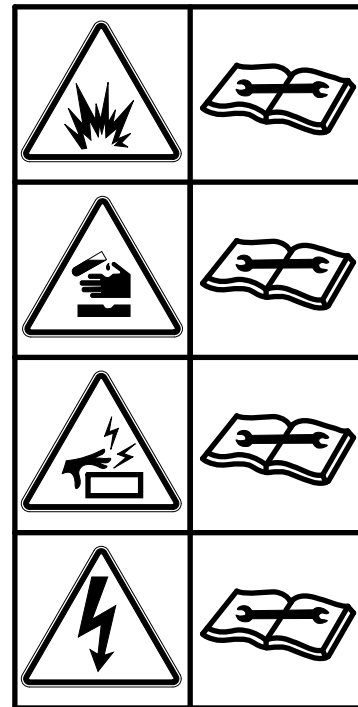


21070FW04

### 17) BATTERY ACCIDENT (item 22)

This warning label is positioned on the battery box.

- ⚠ **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. Add distilled water to the battery only when starting up, never when shutting down.**  
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.**

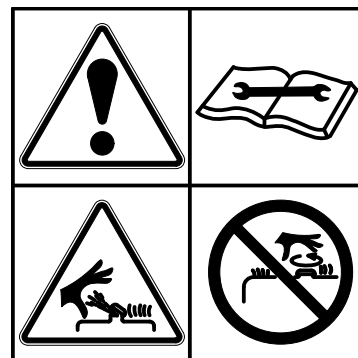


7579A0FW30

### 18) HYDRAULIC OIL LUB (item 23)

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

- ※ **Do not mix with different brand oils.**
- ⚠ **Never open the filler cap while engine running or at high coolant temperature.**
- ⚠ **Loosen the cap slowly and release internal pressure completely.**



14070FW08

#### 19) HIGH PRESSURE HOSE (item 24)

This warning label is positioned on the left side of the front frame.

- ⚠ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ⚠ Avoid the hazard by relieving pressure before disconnecting hydraulic lines or other lines.
- ※ See the maintenance section for details.

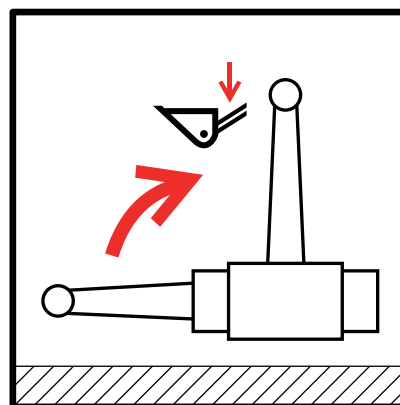


14070FW29

#### 20) MANUAL LOWERING VALVE (item 26)

The warning label is positioned on the left side of the front frame.

- ⚠ Be sure no one is under or near the attachment before lowering the boom.
- ※ Refer to the page 4-30.

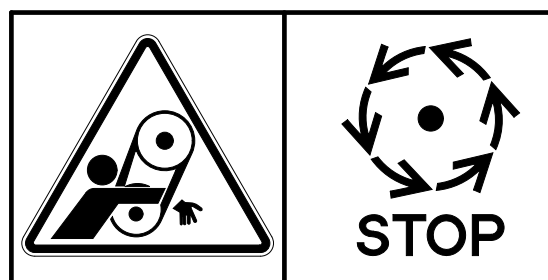


760F0FW12

#### 21) ENGINE DOOR SHEARING (item 27)

This warning label is positioned on the left side of the engine side door.

- ⚠ Don't open the engine door during the engine's running. Stay clear of rotating parts.
- ⚠ Don't touch exhaust pipe or it may cause severe burn.

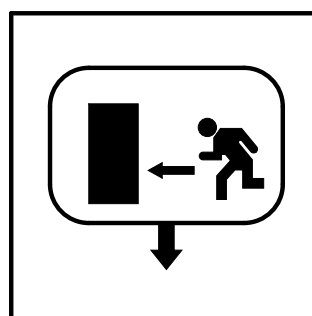


21070FW15

#### 22) ALTERNATE EXIT (item 28)

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

- ※ The right window serve as an alternate exit.
- ※ Refer to the page 3-60.

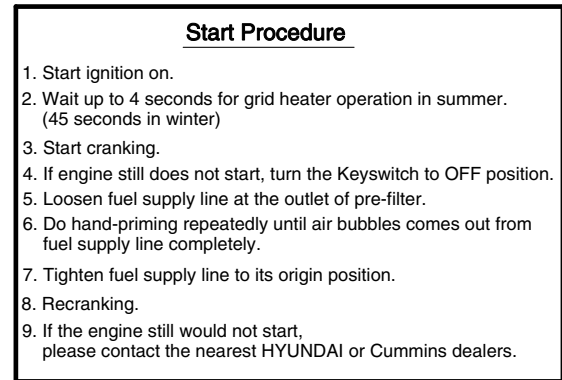


77070FW12



### 23) START PROCEDURE (item 32)

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



7609A0FW07

### 24) DIESEL EXHAUST FLUID (item 33)

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

- ※ Fill only the DEF/AdBlue® (Diesel Exhaust Fluid, standardised as ISO 22241).

Aqueous urea solution made with 32.5% high-purity urea and 67.5% deionized water.

- ※ Do not fill the diesel fuel.



760F0FW13

### 25) ACCUMULATOR (item 39)

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 HD Hyundai Construction Equipment distributor.



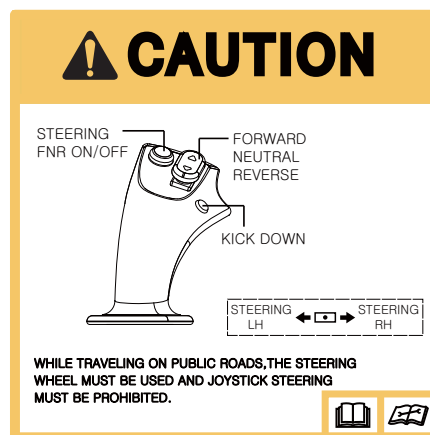
1107A0FW46



## 26) JOYSTICK STEERING (item 40)

This warning label is positioned on the left side of the cab.

- ※ While traveling on public roads, the steering wheel must be used and joystick steering must be prohibited.
- ※ Please refer to the page 3-51 for details.

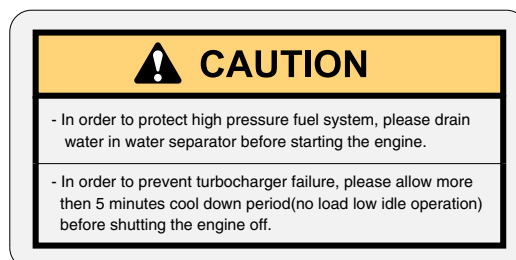


960A0FW05

## 27) CAUTION (WATER SEPARATOR, TURBOCHARGER) (item 41)

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

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

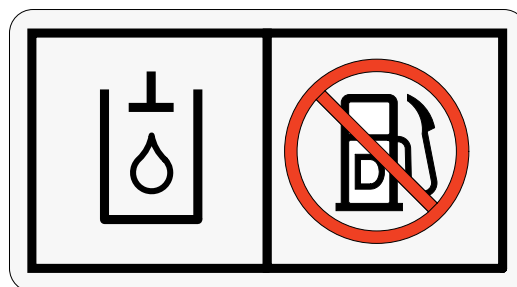


120090SL02

### 28) FUEL SHUT OFF (item 43)

This warning label is positioned on the hydraulic tank.

- ※ Fill only the hydraulic oil.
- ※ Do not fill the diesel fuel.
- ▲ Relieve tank pressure with the engine off by removing the cap slowly to prevent burns from hot oil.

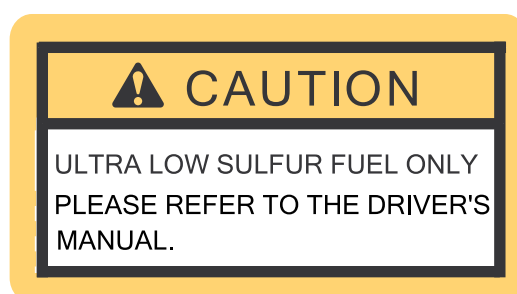


140WH90FW51

### 29) ULTRA LOW SULFUR DIESEL (item 44)

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

- ※ Use ultra low sulfur fuel only.
- ※ Ultra low sulfur fuel  
sulfur content  $\leq 15$  ppm
- ※ If ultra low sulfur diesel is not used, the aftertreatment diesel particulate filter can be damaged.

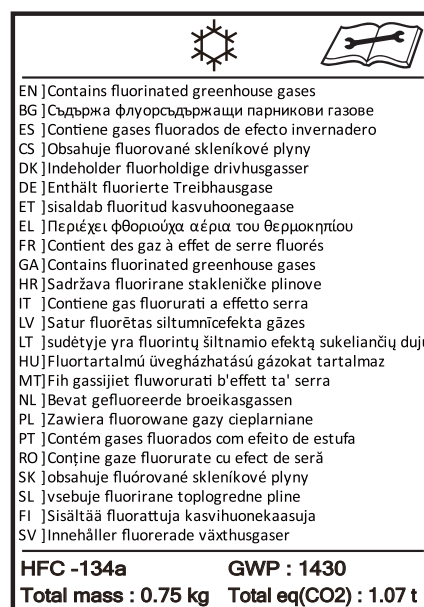


2609A0SL03

### 30) REFRIGERANT (item 45)

This warning label is positioned on the right side of engine hood.

- ▲ Inhaling air conditioner refrigerant gas through a lit cigarette or other smoking method or inhaling fumes released from a flame contacting air conditioner refrigerant gas, can cause bodily harm or death.
- ※ Refer to the page 6-56.



960A0FW30

**32) NO STEP** (item 47)

This warning label is positioned on the engine hood.

- ⚠ **Don't step on the engine hood.**



9800FW08



955TM0FW20

**33) EMERGENCY FIRE HOLE** (item 49)

This warning label is positioned on the inside of inlet cover.

- ※ **Refer to the page 4-29.**

**34) QUICK COUPLER** (item 48)

This warning label is positioned on the middle of the boom.

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

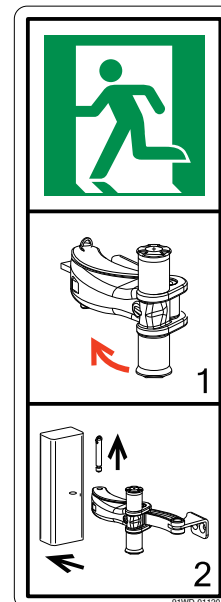


757TM9A0FW30

**35) TILT HANDLE** (item 51)

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

- ※ **The right side window can be used as an alternate exit.**
- ※ **Refer to page 3-60.**



91WD-01120