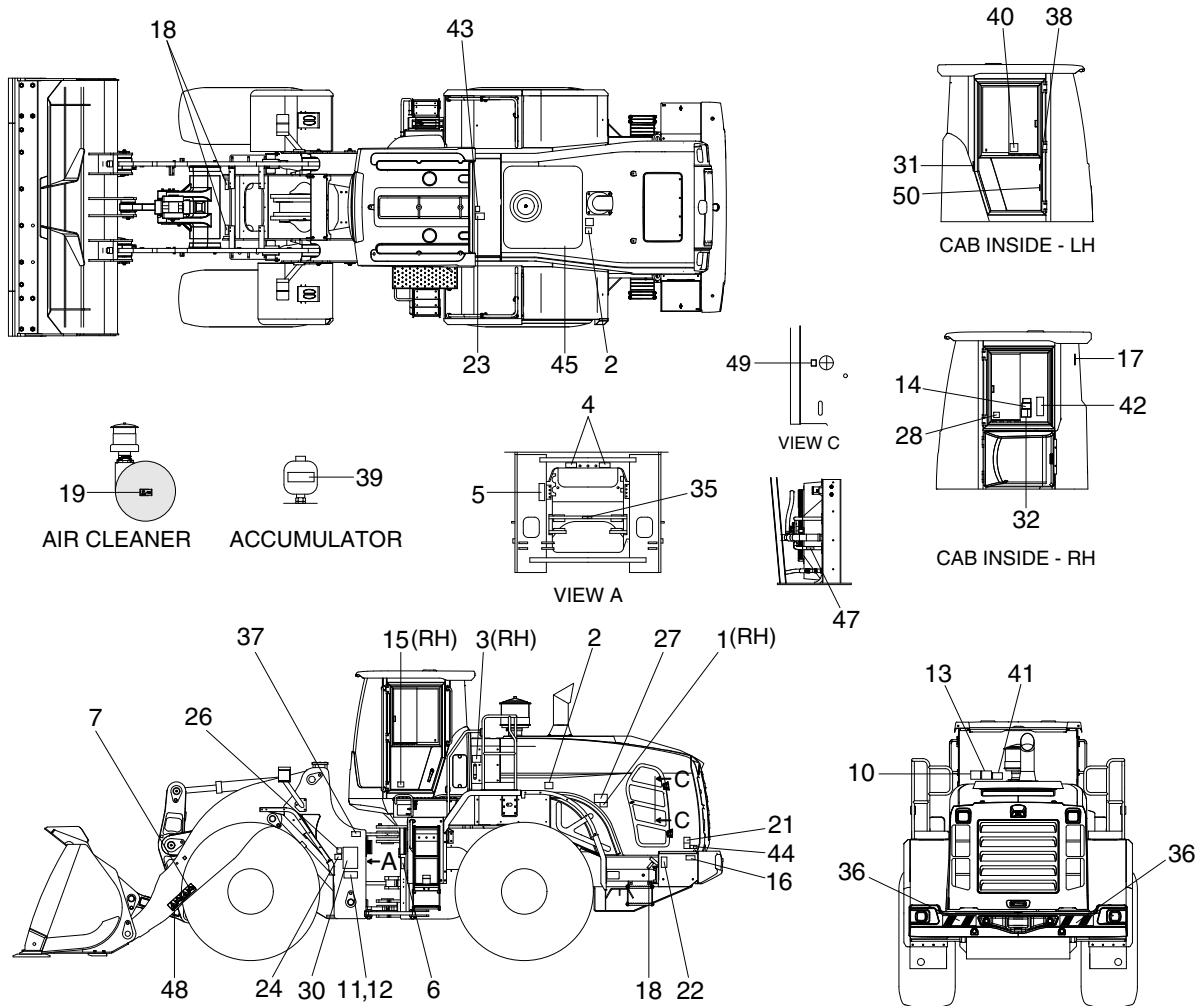


## SAFETY LABELS

### 1. LOCATION

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



980SA0FW03

- |                           |                          |  |
|---------------------------|--------------------------|--|
| 1 Start motor             | 17 Hammer                | 36 Keep clear/Reflect                      |
| 2 Turbocharger cover      | 18 Lift & tie            | 37 Nameplate                               |
| 3 Hyd oil level           | 19 Air cleaner           | 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 lube          | 41 Caution (water separator, turbocharger) |
| 7 Bucket stopper          | 24 High-pressure hose    | 42 Tilt handle                             |
| 10 ROPS cab               | 26 Manual lowering valve | 43 Fuel cut off                            |
| 11 Steering warning-LH    | 27 Engine door shearing  | 45 No step                                 |
| 12 Steering warning-RH    | 28 Alternate exit        | 47 Use handrail                            |
| 13 Engine start caution   | 30 Service instruction   | 48 Quick coupler (option)                  |
| 14 Control ideogram       | 31 Fire extinguisher     | 49 Emergency fire hole                     |
| 15 Air conditioner filter | 32 Start procedure       | 50 Engine nameplate                        |
| 16 Electric welding       | 35 Grease (center)       |  |

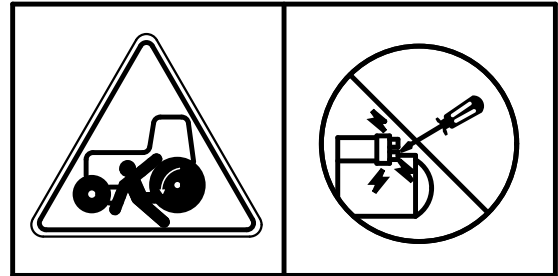
## 2. DESCRIPTION

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.

- ⚠ You should always start the engine from the operators cab. Never use objects to crossover the starter solenoid terminals or crossover the battery terminals. Crossing over terminals could bypass the engine neutral start system. Possibly over 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 a severe burn. When the engine is running or immediately after engine shut down.

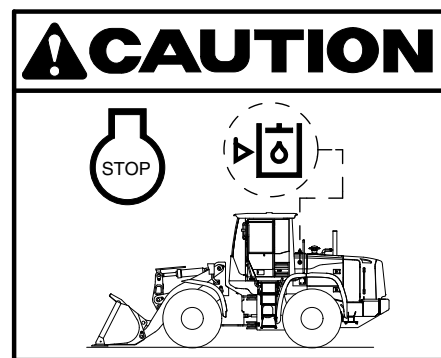


21070FW02

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

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

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



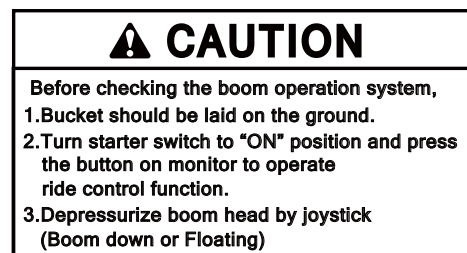
7609A0FW06

### 4) RIDE CONTROL (item 4)

This warning label is positioned on the front frame.

**Before checking the boom operation system,**

1. The 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)

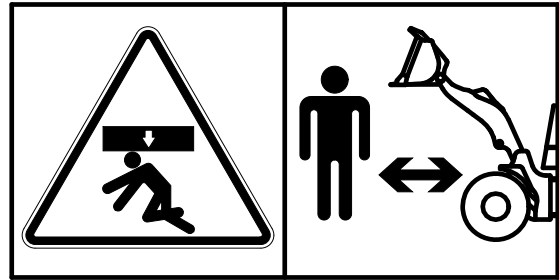


970A0FW90

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

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

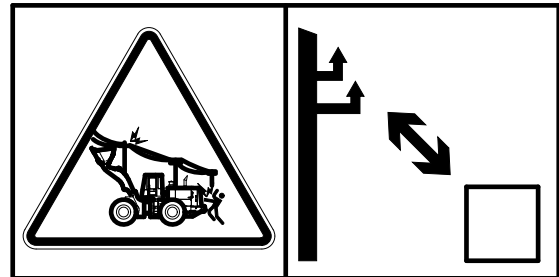
- ⚠ When working under or around the bucket or linkage, with bucket raised period. Proper support must be provided for the bucket and/or the linkage.



7803AFW05

#### 6) MAX HEIGHT

- ⚠ Serious injury or death can result from contact with electric lines. An electric shock is received by merely coming into the vicinity of an electric lines, the minimum distance should be kept considering the supply voltage as page 1-21.



7803AFW16

#### 7) ROLLOVER

- ⚠ Structural damage caused from an overturn, modification, alternating, or improper repair. Can weaken the structure's protection ability, thereby, voiding the warranty certification. Always wear the seat belt when operating this machine.



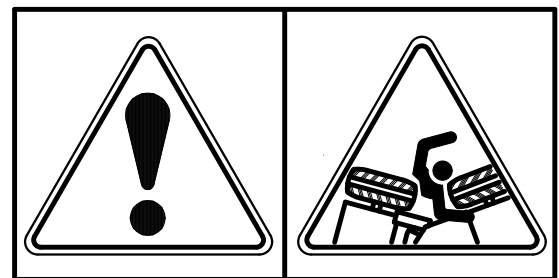
77070FW14

- ⚠ Always check the condition of the seat belt and the condition of the seatbelt mounting hardware before you operate the machine.

#### 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.



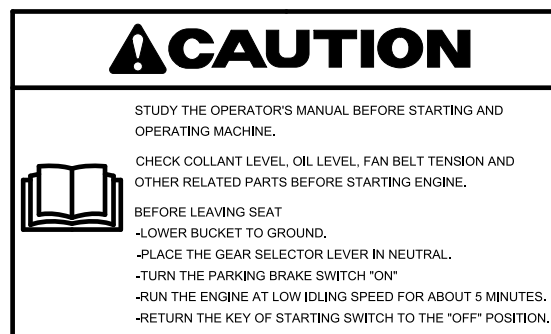
77070FW07

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

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

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

※ Refer to the page 4-3 for details.



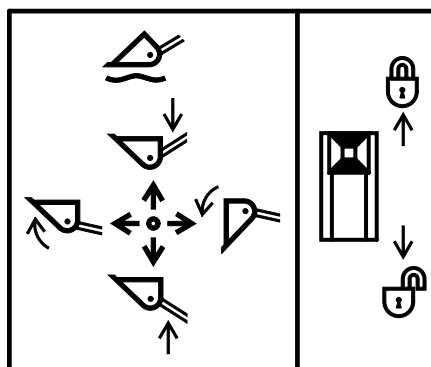
77070FW08

### 10) CONTROL IDEOGRAM (item 14)

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

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

※ Refer to the page 4-9 for details.

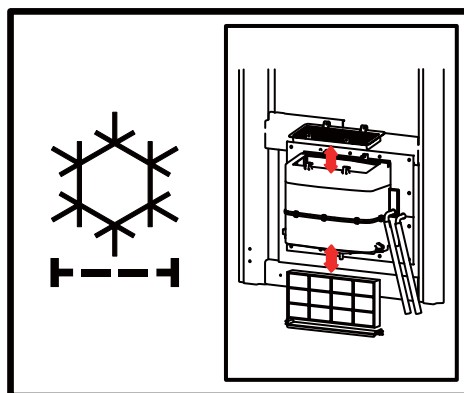


74090FW04

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

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

※ Periodic and proper inspection, cleaning and changing of the filter prolongs the life of the air conditioner maintaining good performance.



760F0FW10

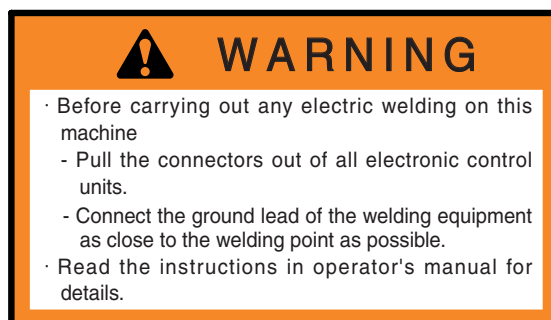
### 12) ELECTRIC WELDING (item 16)

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 6-49 for details.



7803AFW20

### 13) LIFTING-EYES & TIE DOWN (item 18)

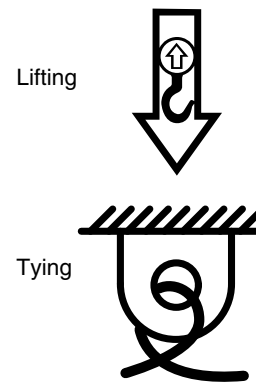
This label is positioned on both sides of front and rear frame.

#### - Lifting Eyes point

To lift the machine, attach the lifting devices to the lifting-eyes.

#### - Tie-Down Points

To tie down the machine, attach the Lifting-Eye downs to the tie-down.

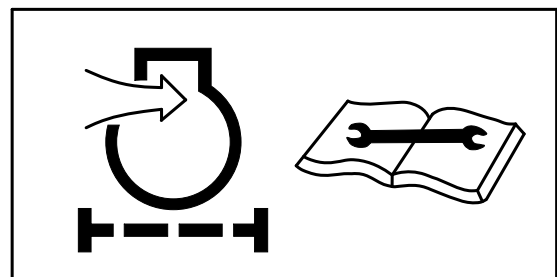


75790FW04

### 14) AIR CLEANER (item 19)

The warning label is positioned on the air cleaner.

- ⚠ Periodic and proper inspection, cleaning and changing of the air filter prolongs the life of the engine maintaining good performance.

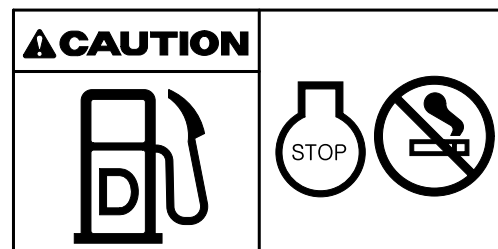


21070FW01

### 15) FUELING (item 21)

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

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

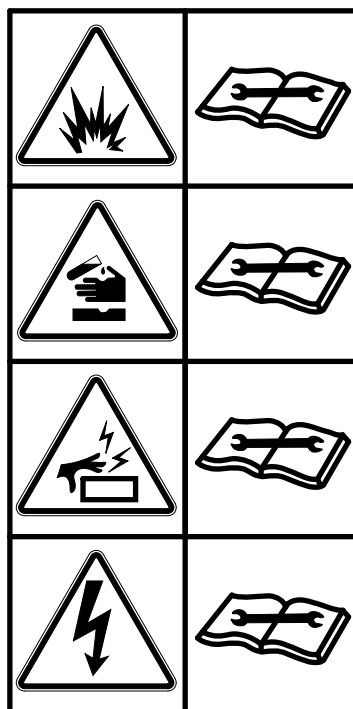


21070FW04

#### 16) 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 electrolytes at the 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

#### 17) 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

### 18) 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.

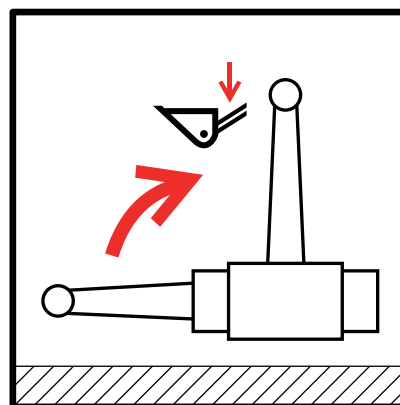


14070FW29

### 19) 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.

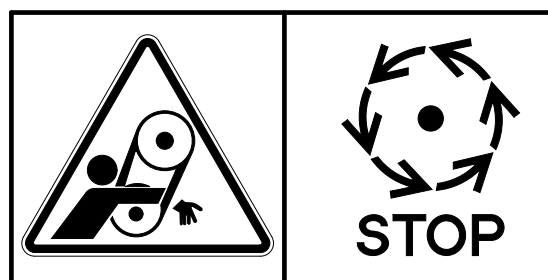


760F0FW12

### 20) 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 while the engine's running. Stay clear of rotating parts.
- ⚠ Don't touch exhaust pipe or it may cause a severe burn.

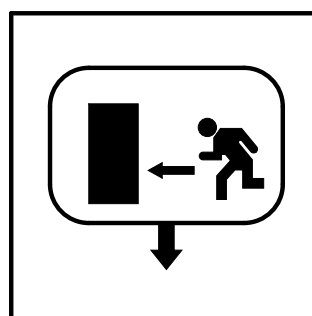


21070FW15

### 21) ALTERNATE EXIT (item 28)

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

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



77070FW12

## 22) START PROCEDURE (item 32)

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

### Start Procedure

1. Start ignition on.
2. Wait up to 4 seconds for grid heater operation in summer.  
(45 seconds in winter)
3. Start cranking.
4. If engine still does not start, turn the Keyswitch to OFF position.
5. Loosen fuel supply line at the outlet of pre-filter.
6. Do hand-priming repeatedly until air bubbles comes out from fuel supply line completely.
7. Tighten fuel supply line to its origin position.
8. Recracking.
9. If the engine still would not start, please contact the nearest HYUNDAI or Cummins dealers.

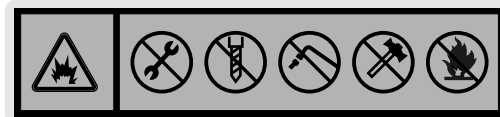
7609A0FW07

## 23) 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 Hyundai distributor.



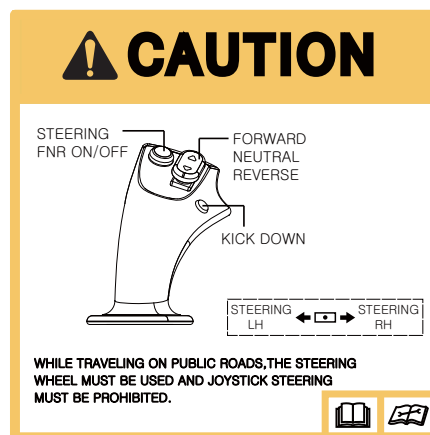
1107A0FW46



#### 24) 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 disabled.
- ※ Please refer to the page 3-51 for details.

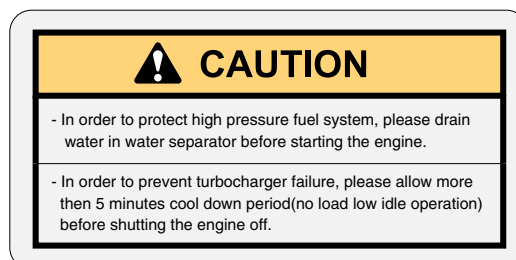


960A0FW05

#### 25) 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.

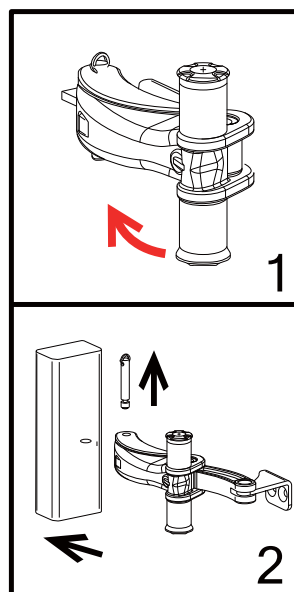


120090SL02

#### 26) TILT HANDLE (item 42)

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 the page 3-60.

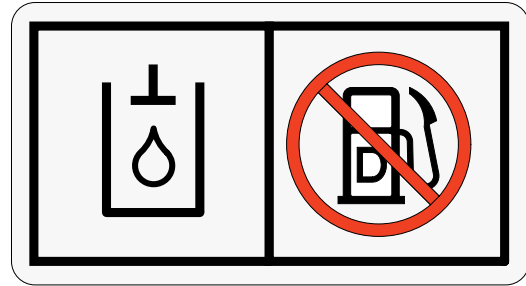


760F0FW14

**27) 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.

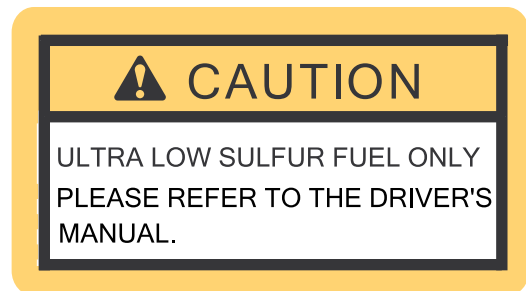


140WH90FW51

**28) ULTRA LOW SULFUR DIESEL (item 44)**

This warning label is positioned on the left side of the 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 after-treatment diesel particulate filter can be damaged.



2609A0SL03

**29) NO STEP (item 47)**

This warning label is positioned on the engine hood.

- ⚠ Don't step on the engine hood.



9800FW08



955TM0FW20

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

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

- ※ Refer to the page 4-29.

**31) QUICK COUPLER (item 48)**

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

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



757TM9A0FW30