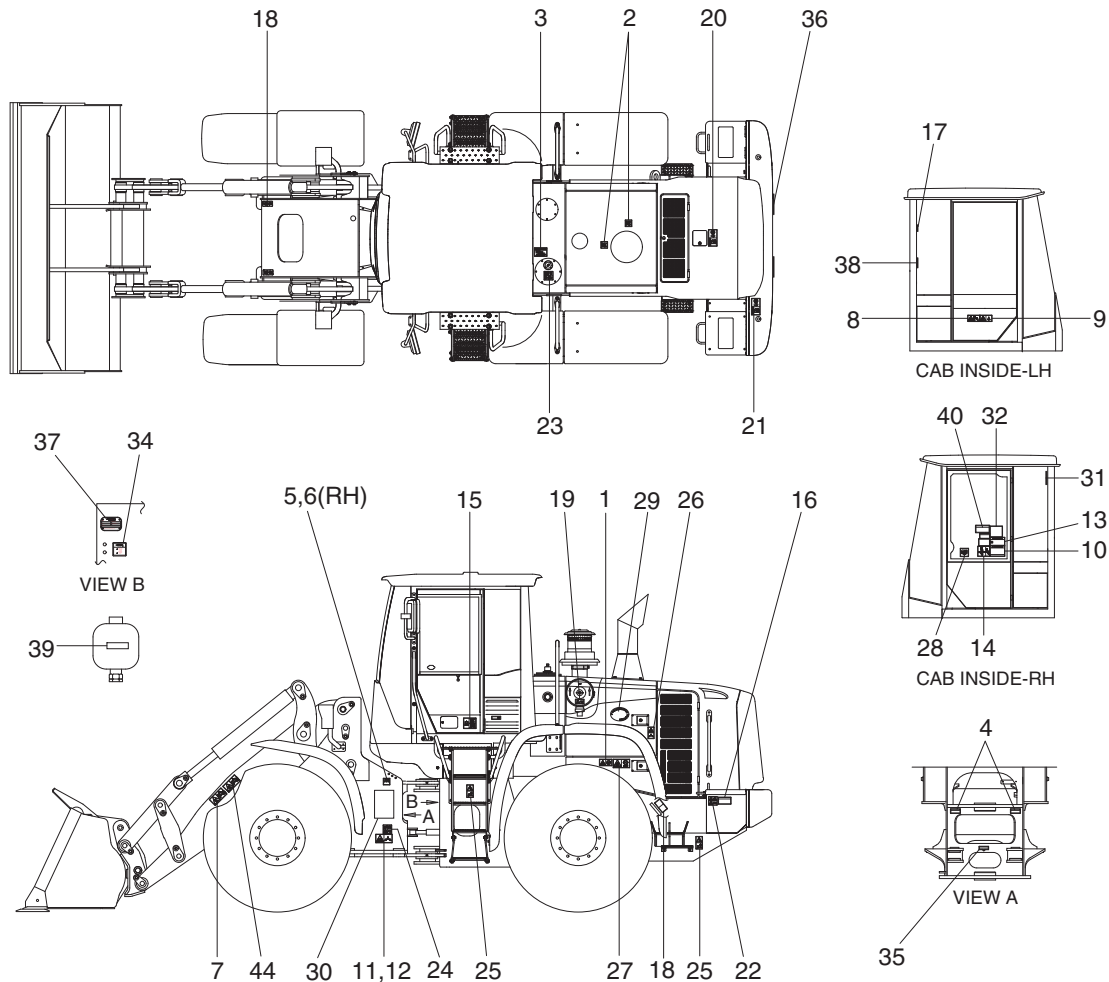


## SAFETY LABELS

### 1. LOCATION

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



740TM90FW03

- |                         |                           |                        |
|-------------------------|---------------------------|------------------------|
| 1 Start motor           | 15 Air conditioner filter | 29 Low emission engine |
| 2 Turbocharger cover    | 16 ECU connector          | 30 Service instruction |
| 3 Hyd oil level         | 17 Hammer                 | 31 Fire extinguisher   |
| 4 Ride control (option) | 18 Lift & tie             | 32 Start procedure     |
| 5 Grease (A)            | 19 Air cleaner            | 34 Grease (D)          |
| 6 Grease (C)            | 20 Radiator cap           | 35 Grease-center       |
| 7 Bucket stopper        | 21 Fueling                | 36 Keep clear/Reflect  |
| 8 Max h/reach           | 22 Battery accident       | 37 Name plate          |
| 9 Roll over             | 23 Hyd oil lub            | 38 ROPS plate          |
| 10 ROPS cab             | 24 High pressure hose     | 39 Accumulator         |
| 11 Steering warning-LH  | 25 Falling                | 40 Water separator     |
| 12 Steering warning-RH  | 26 Stay fix               | 41 Quick coupler       |
| 13 Reference manual     | 27 Shearing-Engine hood   |                        |
| 14 Control ideogram     | 28 Emergency exit         |                        |

## 2. DESCRIPTION

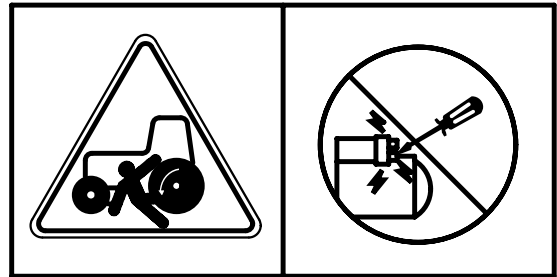
There are several specific warning labels on this machine please become familiarized with all warning labels.

Replace any safety label that is damaged, or missing.

### 1) START MOTOR (item 1)

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

- ▲ 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.

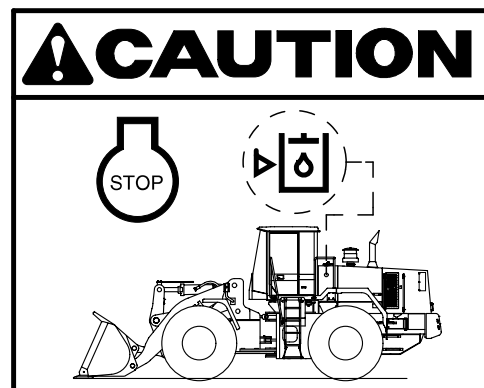


21070FW02

### 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.



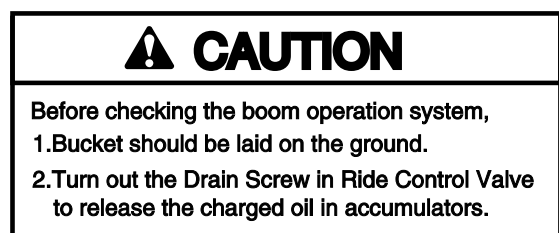
77070FW06

### 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 out the drain screw in ride control valve to release the charged oil in accumulators.

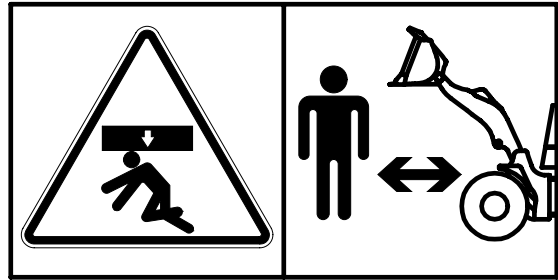


7707A0FW06

#### 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.

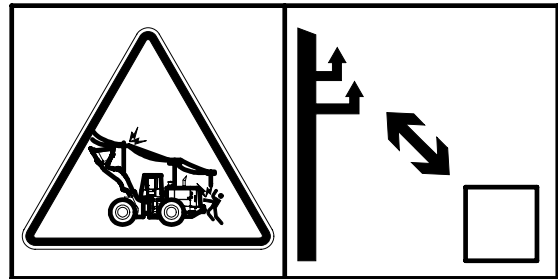


7803AFW05

#### 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 1-6.



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.

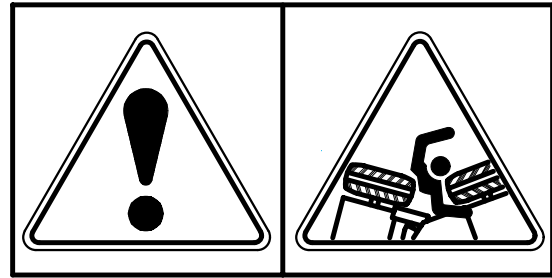


77070FW14

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

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

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

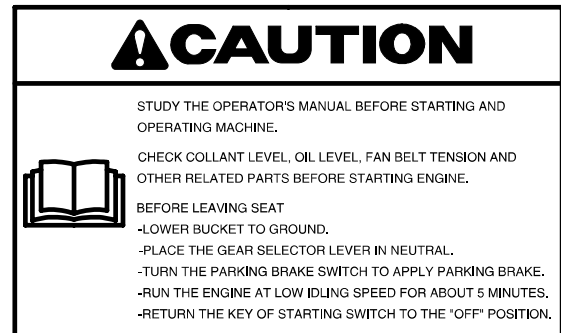


77070FW07

#### 9) REFERENCE MANUAL (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.



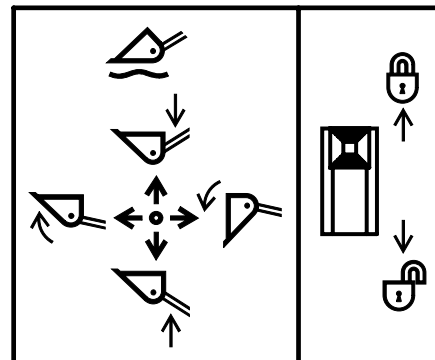
73090FW08

#### 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.

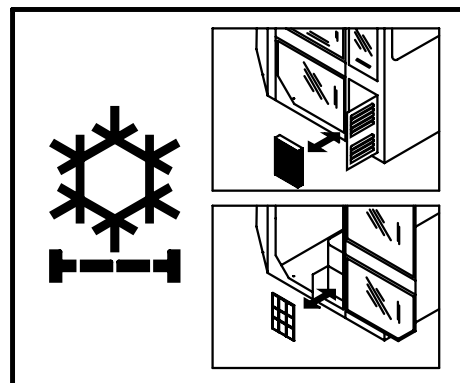


74090FW04

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

This warning label is positioned on the washer tank cover.

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



77070FW10

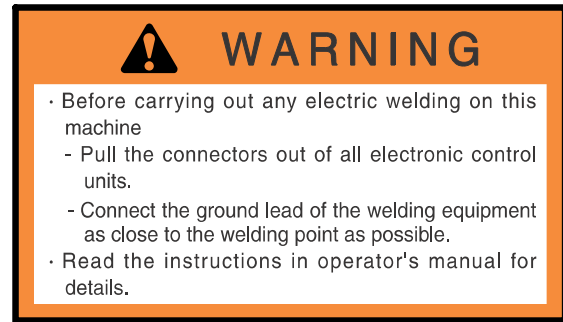
## 12) ECU CONNECTOR (item 16)

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 6-44 for details.



7803AFW20

## 13) LIFT & TIE (item 18)

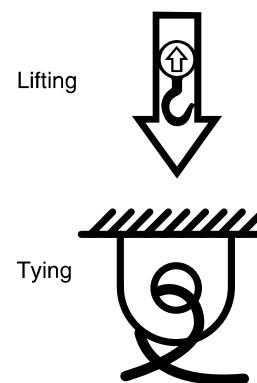
This label is positioned on the both side of the front and rear frame.

### - 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.

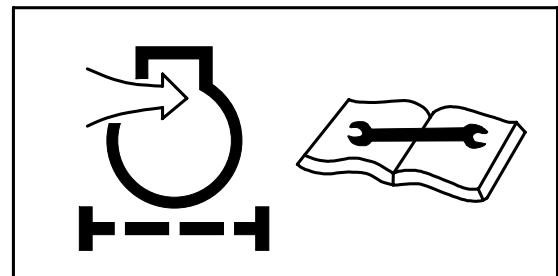


75790FW04

## 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) RADIATOR CAP (item 20)

This warning label is positioned on the radiator cover.

### ⚠ Never open the filler cap while engine running or at high coolant temperature.

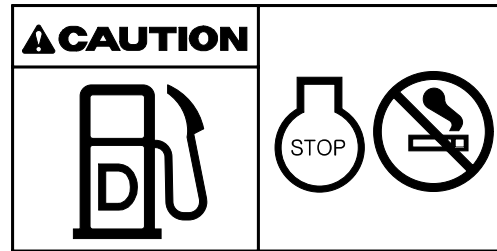


77070FW11

#### 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.



7577A0FW05

#### 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) STAY FIX (item 26)

The warning label is positioned on the engine side door.

- ⚠ 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.

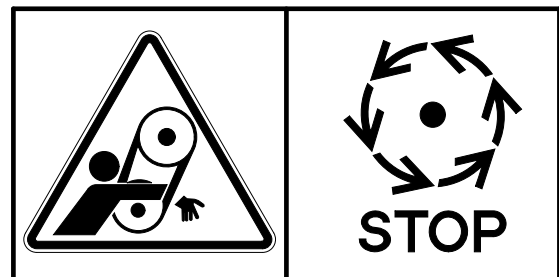


21070FW14

### 20) SHEARING-ENGINE DOOR (item 27)

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

- ⚠ Don't open the engine door during the engine's running.



21070FW15

### 21) EMERGENCY EXIT (item 28)

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

- ※ The right door serves as an alternate exit.



### 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.  
(Tier 3 QSB is equipped with mechanical fuel lift pump.)
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. Recranking.
9. If the engine still would not start,  
please contact the nearest HYUNDAI or Cummins dealers.

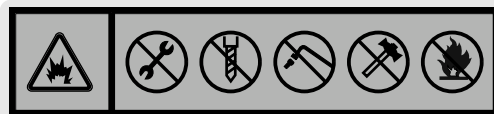
7607A0FW05

### 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.

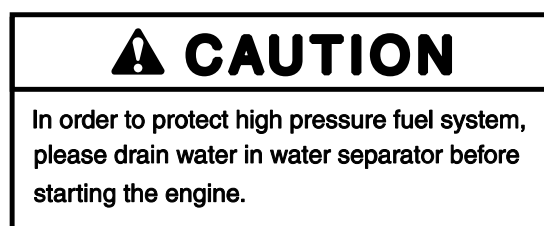


1107A0FW46

### 24) WATER SEPARATOR (item 40)

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

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



78090FW06