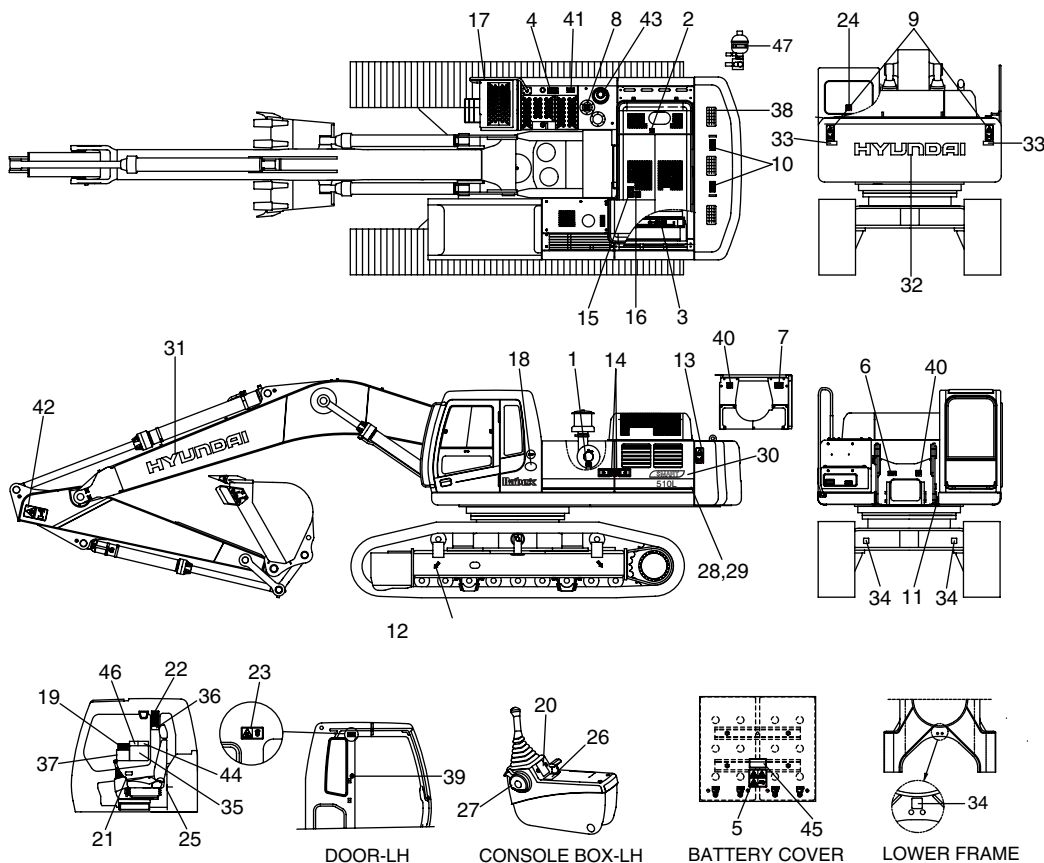


# SAFETY LABELS

## 1. LOCATION

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



51071FW01

1 Air cleaner filter	17 Transporting	33 Reflecting
2 Turbo charger cover	18 Low emission engine	34 Tie
3 Radiator cap	19 Control ideogram	35 Service instruction
4 Fueling	20 Control ideogram(LH)	36 Clamp locking
5 Battery accident	21 Control ideogram(RH)	37 Lifting chart
6 Reduction gear grease	22 Cabin-RH pillar	38 Step tread
7 Hydraulic oil level	23 Safety-front window	39 Hammer
8 Hydraulic oil lub	24 Safety-rear window	40 High pressure hose
9 Keep clear-rear	25 Air conditioner filter	41 Falling
10 Lifting eye	26 Console box	42 Keep clear-boom/arm
11 Name plate	27 Safety lever	43 Fuel shut off
12 Sliding ideogram	28 Model name(LH)	44 Water separator
13 Side keep clear	29 Model name(RH)	45 ECU connector
14 Stay fix	30 Logo(SMART)	46 Turbocharger
15 Shearing-engine hood	31 Trade mark(Boom)	47 Accumulator
16 No step-engine hood	32 Trade mark(CWT)	

## 2. DESCRIPTION

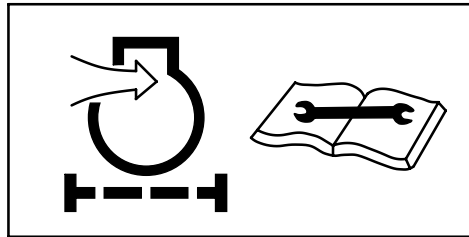
There are several specific warning labels on this machine please become familiarized with all warning labels.

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) TURBO CHARGER COVER(Item 2)

This warning label is positioned on the turbo charger cover.

- ▲ **Do not touch turbo charger 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.**

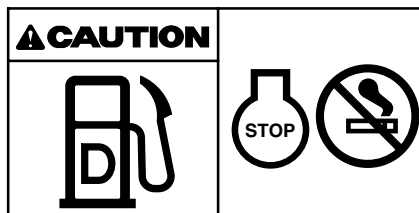


14070FW03

### 4) FUELING(Item 4)

This warning label is positioned on the 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

#### 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 recomm-ended level. Add distilled water to the battery only when starting up, never when shutting down.**

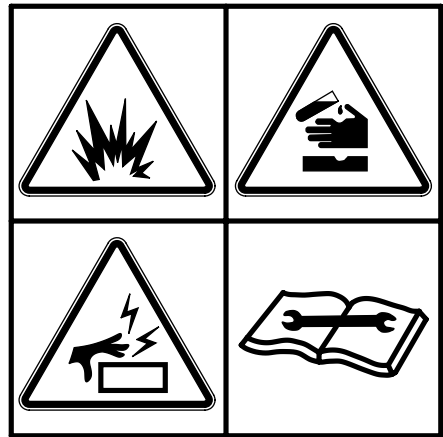
**With electrolyte at proper level, less space may cause the gases to be accumulated in the battery.**

**⚠ 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 terminals with a wet hand.**



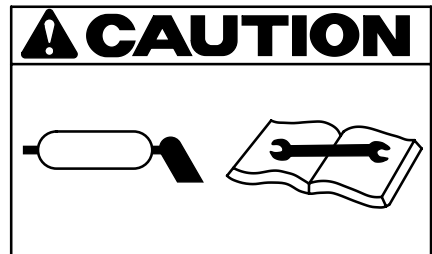
36070FW05

#### 6) REDUCTION GEAR GREASE (Item 6)

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

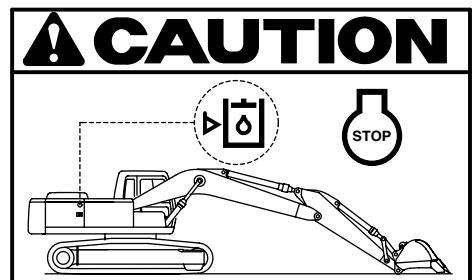
#### 7) HYDRAULIC OIL LEVEL (Item 7)

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

**⚠ 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 right side of air breather.

- ※ **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.**



14070FW08

#### 9) KEEP CLEAR-REAR (Item 9)

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.**

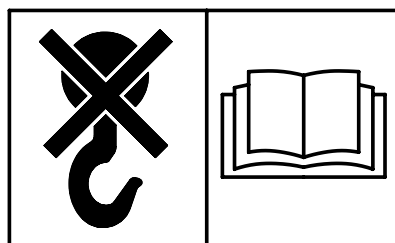


21070FW09

#### 10) LIFTING EYE (Item 10)

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.**
- ※ **See page 5-6 for proper lifting method of the machine.**



21070FW10

**11)SIDE KEEP CLEAR(Item 13)**

This warning label is positioned on the 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 label is positioned on the 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.**



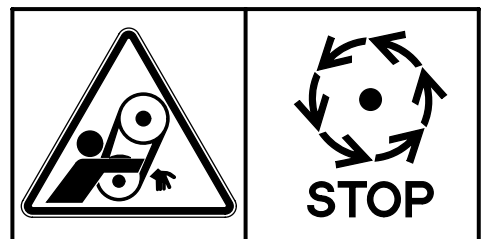
21070FW14

**13)SHEARING-ENGINE HOOD(Item 15)**

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.**

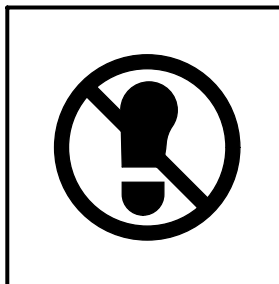


21070FW15

#### 14) NO STEP-ENGINE HOOD(Item 16)

This warning label is positioned on the engine hood.

△ Do not step on the engine hood.



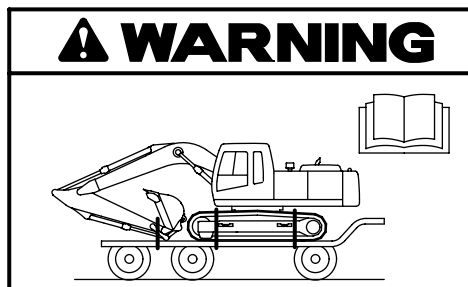
21070FW16

#### 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 5-9 for details.



14070FW17

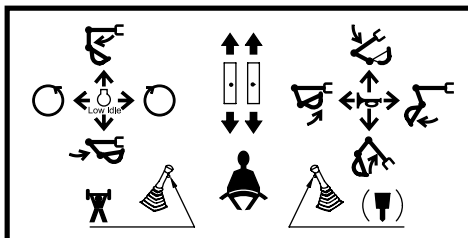
#### 16) CONTROL IDEOGRAM(Item 19)

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 4-12 for details.



36070FW19

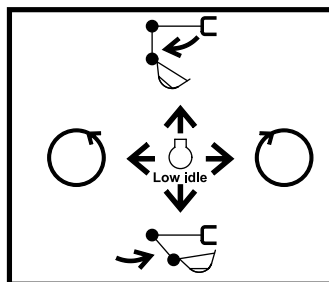
#### 17) CONTROL IDEOGRAM-LH(Item 20)

This warning label is positioned on the LH console box.

▲ 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 4-12 for details.



36070FW20

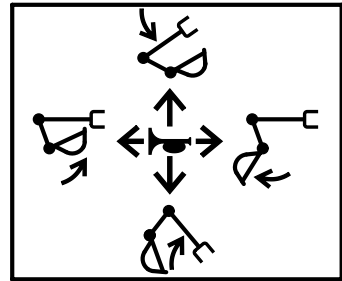
### 18) CONTROL IDEOGRAM-RH(Item 21)

This warning label is positioned on the RH console box.

- ⚠ **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 4-12 for details.



21070FW21

### 19) CABIN-RH PILLAR(Item 22)

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

#### (1) Safety-front window

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

#### (2) Ref operator manual

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

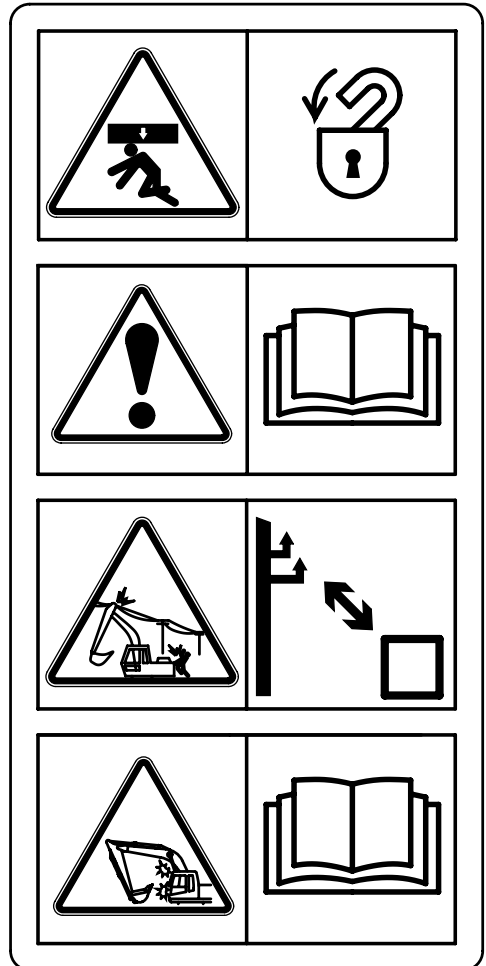
#### (3) Max height

- ⚠ **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.

#### (4) Interference

- ⚠ **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.**

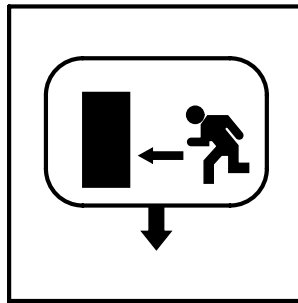


80007AFW04

## 20) SAFETY-REAR WINDOW (Item 24)

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.**

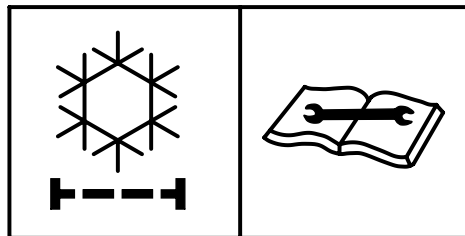


21070FW25

## 21) AIR CONDITIONER FILTER (Item 25)

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.**

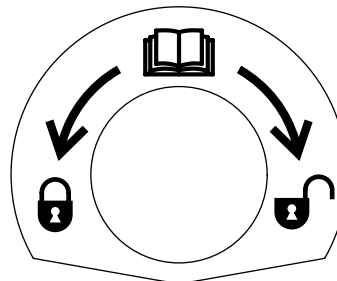


21070FW26

## 22) SAFETY LEVER (Item 27)

This warning label is positioned on the cover safety.

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



21070FW28



### 23) REFLECTING (Item 33)

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.**



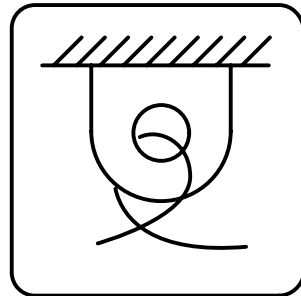
2507A0FW03

### 24) TIE (Item 34)

This warning label is positioned on the lower frame.

⚠ **Make sure no personnel are standing close to the tow rope.**

※ **See page 4-14 for details.**



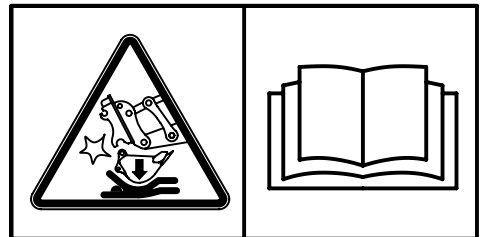
4507A0FW02

### 25) CLAMP-LOCKING (Item 36)

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

### 26) HIGH PRESSURE HOSE (Item 40)

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 41)

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 42)

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.**

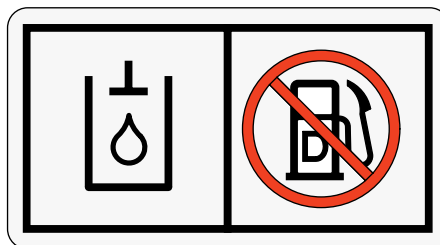


14070FW31

### 29) 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.**

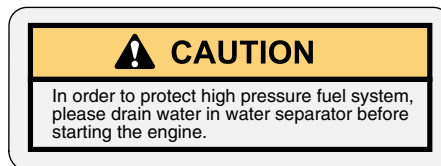


140WH90FW51

### 30) WATER SEPARATOR (Item 44)

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

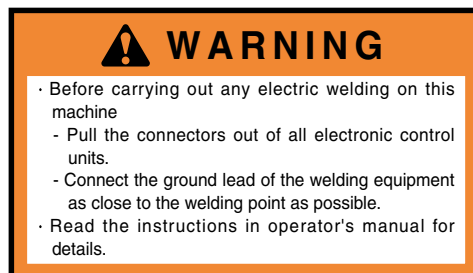
### 31) ECU CONNECTOR (Item 45)

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.

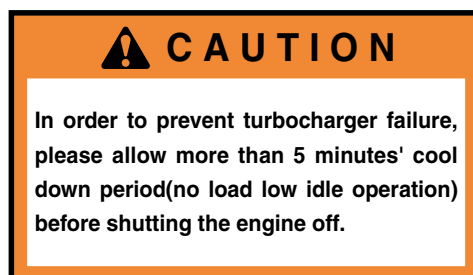


7807AFW20

### 32) TURBOCHARGER (Item 46)

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

### 33) ACCUMULATOR (item 47)

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