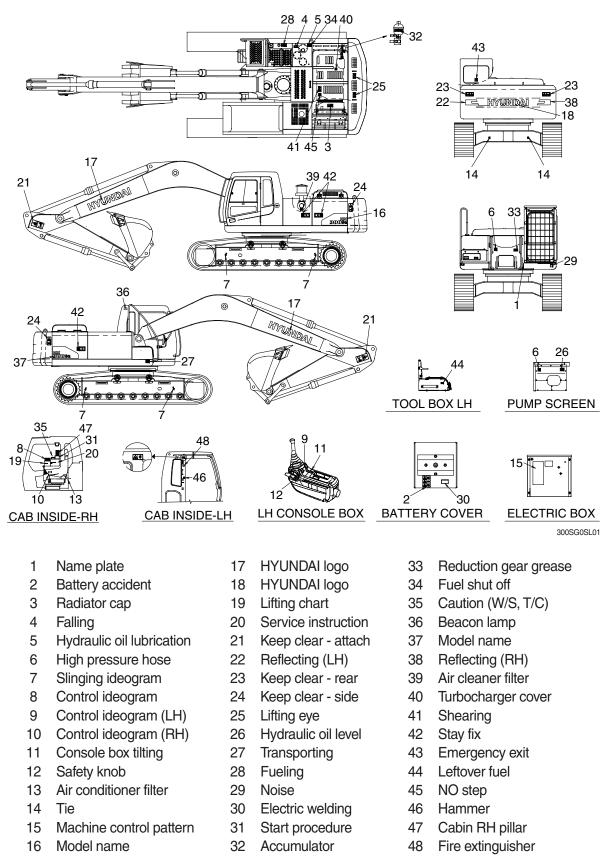
# SAFETY LABELS

# 1. LOCATION

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



# 2. DESCRIPTION

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

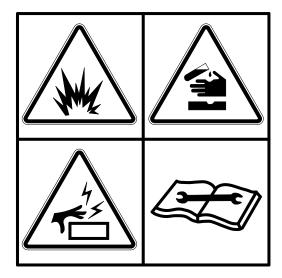
## 1) BATTERY ACCIDENT (item 2)

This 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. 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.

- A 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.



36070FW05

#### 2) RADIATOR CAP (item 3)

This label is positioned on the radiator.

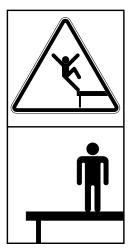
▲ Never open the filler cap while engine running or at high coolant temperature. Hot coolant can cause serious burns, injury or death.



3) FALLING (item 4)

This label is positioned on the top of the pump hood and counterweight.

- ▲ 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

- 4) HYDRAULIC OIL LUBRICATION (item 5) This label is positioned on the top of the hydraulic tank.
- \* Do not mix with different brand oils.
- A Never open the filler cap while high temperature.
- ▲ Loosen the cap slowly and release internal pressure completely.



14070FW08

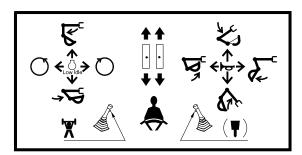
- 5) HIGH PRESSURE HOSE (item 6) This label is positioned on the front of the upper frame and the rear side of the hydraulic tank.
- ▲ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ▲ Avoid the hazard by relieving pressure before disconnecting hydraulic lines or other lines.
- $\ensuremath{\overset{\scriptstyle \otimes}{_{\scriptstyle \sim}}}$  See the maintenance section for details.



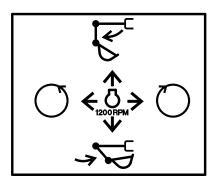
6) CONTROL IDEOGRAM (item 8)

This label is positioned in right window of the cab.

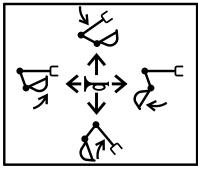
- ▲ Check the machine control pattern for conformance to pattern on this label. If not, change label to match pattern before operating machine.
- ▲ Failure to do so could result in injury or death.
- \* See page 4-12 for details.
- 7) CONTROL IDEOGRAM-LH (item 9) This label is positioned on top of LH 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 4-26 for detail.
- 8) CONTROL IDEOGRAM-RH (item 10) This label is positioned on the top of RH console box.
- A Check the machine control pattern for conformance to pattern on this label. If not, change label to match pattern before operating machine.
- $\triangle$  Failure to do so could result in injury or death.
- \* See page 4-26 for detail.
- 9) CONSOLE BOX TILTING (item 11) This label is positioned on the top side of the LH console box.
- \* Before you get off the machine be sure to tilt the LH console box.
- \* See page 3-20 for detail.



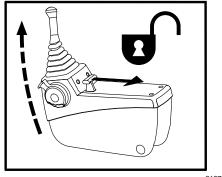
36070FW19



21070FW20



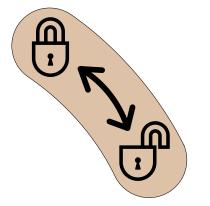
21070FW21



### 10) SAFETY KNOB (item 26)

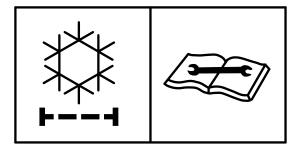
This label is positioned on the cover of the safety knob, on the left side operators console.

- A Before you get off the machine be sure to place the safety knob in the LOCKED position.
- \* See page 3-20 for detail.



30007A1FW07A

- **11) AIR CONDITIONER FILTER** (item 13) This 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

12) TIE (item 14)

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

- A Never tow the machine using tie hole, because this may break.
- \* See page 4-15 for detail.

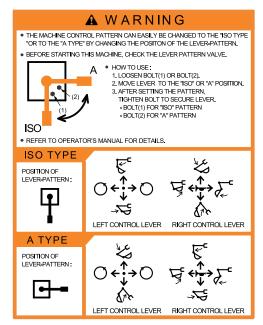


4507A0FW02

# 13) MACHINE CONTROL PATTERN CHANGE- W/VALVE (item 15)

This label is positioned on the LH support of cowl.

- ▲ 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 4-26 for details.



38090FW01A

- 14) KEEP CLEAR-ATTACH (item 21) This label is positioned on both side of the arm.
- ▲ Serious injury or death can result from falling of the attachment.
- ▲ To prevent serious injury or death, keep clear the underneath of attachment.



14070FW31

# 15) REFLECTING (item 22)

This label is positioned on the rear 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.



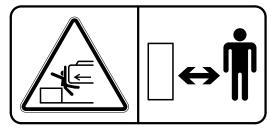
290F0FW01

# 0)

### 16) KEEP CLEAR-REAR (item 23)

This label is positioned on the rear of counterweight.

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



21090FW09

17) KEEP CLEAR-SIDE (item 24)

This label is positioned on the both 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.

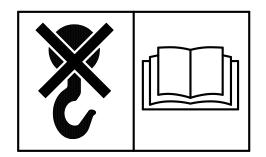


21070FW13

# 18) LIFTING EYE (item 25)

This label is positioned on the counterweight.

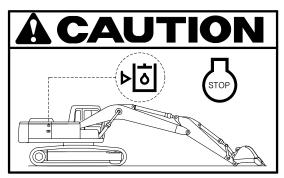
- ▲ Do not lift the machine by using lifting eyes on the counterweight or the lifting eyes may be subject to overload causing its breaking and possible personal injury.
- \* See page 5-8 for proper lifting method of the machine.



19) HYDRAULIC OIL LEVEL (item 26)

This label is positioned on the rear side of the hydraulic tank.

- A 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.

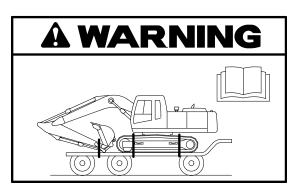


21070FW07

#### 20) TRANSPORTING (item 27)

This label is positioned on the front 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 5-5 for details.



14070FW17

21) FUELING (item 28)

This 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.



290F0FW02

#### 22) ELECTRIC WELDING (item 30)

This 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 con-- trol units.

- Connector the ground lead of the welding
- equipment as close to the welding point as possible.
- \* See page 6-40 for detail.

#### 23) ACCUMULATOR (item 32)

This label is positioned on the accumulator of the solenoid valve.

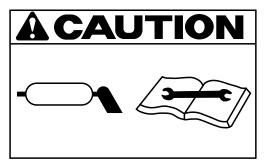
- \* The accumulator is filled with high-pressure nitrogen gas, and it is extremely dangerous if it is handled in the wrong way. Always observe the following precautions.
- ▲ Never make any hole in the accumulator expose it to flame or fire.
- ▲ Do not weld anything to the accumulator.
- When carrying 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.
- 24) REDUCTION GEAR GREASE (item 33) This label is positioned on 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.



7807AFW20



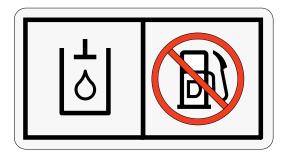
1107A0FW46



25) FUEL SHUT OFF (item 34)

This label is positioned on the top side of 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

#### 26) CAUTION (WATER SEPARATOR AND TURBOCHARGER) (item 35) This label is positioned on the right window

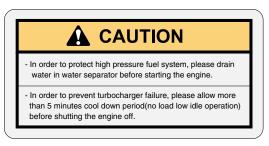
This label is positioned on the right window of the cab.

- ▲ 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.

# 27) BEACON LAMP (item 36)

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

▲ Keep the beacon lamp straight up condition.



120090SL02

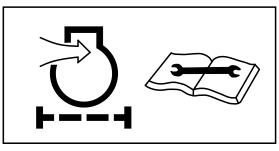


91Q4-13301

#### 28) AIR CLEANER FILTER (item 39)

This 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.



- 29) TURBOCHARGER COVER (item 40)
  - This label is positioned on the engine hood.
- ▲ Do not touch turbocharger or it may cause severe burn. When the engine is running or immediately after engine shut down.



21070FW02

- **30) ENGINE HOOD SHEARING** (item 41) This label is positioned on the engine hood. **Don't open the engine hood during the**
- ▲ engine's running. Stay clear of rotating parts.
- ▲ Don't touch exhaust pipe or it may cause severe burn.

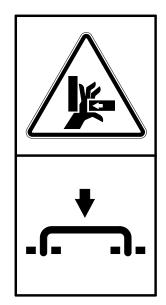


21070FW15

31) STAY FIX (item 42)

This label is positioned on the both side of the side cover.

- A Be sure to support the stay when the door needs to be opened.
- A Be careful that the opened door may be closed by the external or natural force like strong wind.



# 32) EMERGENCY EXIT (item 43)

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

- \* The rear window serves as an alternate exit.
- \* To remove rear window, pull the ring and push out the glass.



### 33) LEFTOVER FUEL (item 44)

- This label is positioned on the inner right side of tool box.
- ▲ Do not fuel a machine near open flames or sparks.
- ▲ Properly clean areas of spillage.



91K4-02700

#### 34) NO STEP (item 45)

This label is positioned on the engine hood.

 $\triangle$  Don't step on the engine hood and counterweight.



21070FW16

# 35) FIRE EXTINGUISHER (item 48)

This label is located on the left rear stay, inside the cabin.

Read and understand the instructions label on the fire extinguisher.



91Q6-07290