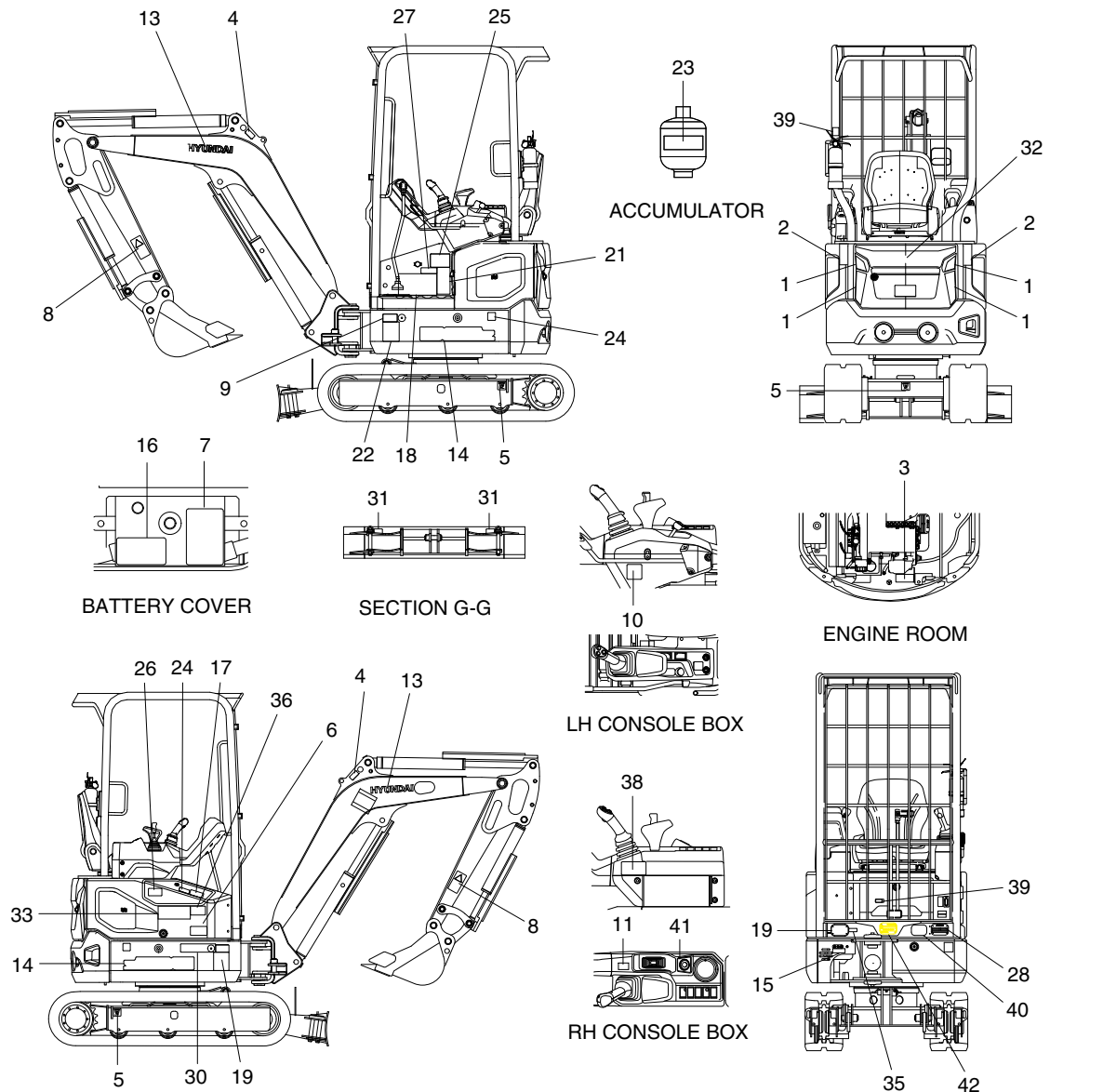


# SAFETY LABELS

## 1. LOCATION

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



9AMM-00100-01

- |                            |                             |                               |
|----------------------------|-----------------------------|-------------------------------|
| 1 Reflecting               | 15 Grease                   | 29 ROPS plate                 |
| 2 Keep clear (side)        | 16 Electric welding         | 30 General caution (frame)    |
| 3 Engine room caution      | 17 Fueling                  | 31 Lifting point/tie down     |
| 4 Lifting point            | 18 Service instruction      | 32 Hyundai logo (engine hood) |
| 5 Tie                      | 19 Noise level              | 33 Bio oil                    |
| 6 High pressure            | 20 Lifting chart kit        | 34 Ultra low sulfur diesel    |
| 7 Battery accident         | 21 General caution (canopy) | 35 EMC                        |
| 8 Keep clear (attach)      | 22 Pattern change           | 36 California 65 caution      |
| 9 Change way               | 23 Accumulator              | 37 ECU/MCU connector          |
| 10 Console tilting         | 24 Battery position         | 38 Caution key                |
| 11 Dozer control ideogram  | 25 Control ideogram         | 39 Fire extinguisher          |
| 12 Engine control ideogram | 26 Fuel shut-off            | 40 Exemption plate            |
| 13 Hyundai logo (boom)     | 27 Water separator          | 41 Key box                    |
| 14 Model name              | 28 Name plate               | 42 FOG plate                  |

## 2. DESCRIPTION

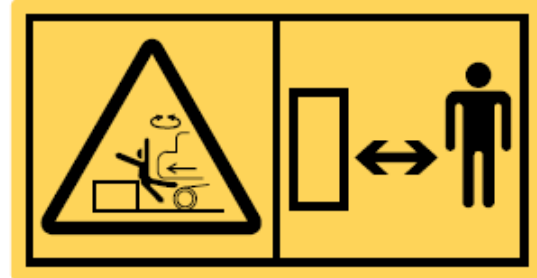
There are several specific warning labels on this machine please become familiarized with all warning labels.

Replace any safety label that is damaged, or missing.

### 1) KEEP CLEAR (SIDE) (item 2)

This label is positioned on the LH and RH side cover.

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



94MS-07010

### 2) ENGINE ROOM CAUTION (item 3)

This label is positioned inside engine room.

- ▲ Do not open the engine hood while the engine is running.
- ▲ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ※ Study the service manual before service job.
- ▲ Never open the filler cap while engine running or at high coolant oil temperature.
- ▲ Do not touch turbocharger or it may cause severe burn, while the engine is running or immediately after the engine is shut down.
- ▲ Relieve all pressure before disconnecting any hydraulic, coolant or fuel lines etc.
- ▲ Study the operator's manual before starting and operating machine.

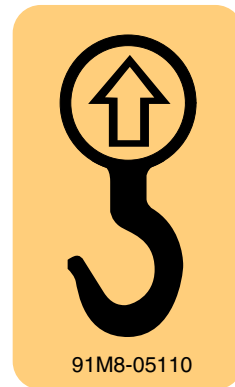


9BMM-07110

### 3) LIFTING POINT (item 4)

This label is positioned on the both sides of the boom.

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

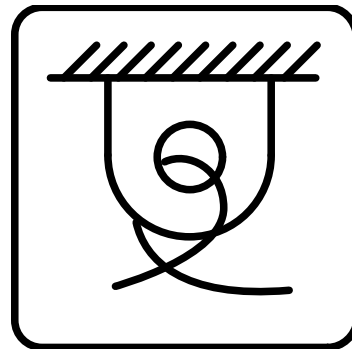


91M8-05110-00

### 4) TIE (item 5)

This label is positioned on the LH, RH and rear sides of the lower frame.

- ※ **Never tow the machine using tie down eyelet as it may break resulting in personal injury or death.**
- ※ See page 4-10 for detail.



91N6-05120

### 5) HIGH PRESSURE (item 6)

This label is positioned on the RH side cover.

- ⚠ Escaping fluid under pressure can penetrate the skin causing serious injury or death.
- ⚠ Relieve all pressure before disconnecting any hydraulic, coolant or fuel lines etc.
- ※ See the maintenance section for details.



94K8-01110

## 6) BATTERY ACCIDENT (item 7)

This label is positioned on the battery cover.

- ⚠ **Electrolyte containing sulfuric acid can cause severe burns. Avoid allowing contact with the skin, eyes or clothes. In the event of accident flush with sufficient water and contact a physician immediately.**

Failure to comply may result in serious injury or death.

- ✳ **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 allow any open flames or excessive heat near or when checking the battery.**
- ⚠ **Do not allow unauthorized personnel to change the battery or to use booster cables.**
- ⚠ **To prevent electric shock, do not touch battery terminal with wet hands.**



94MT-02120

## 7) KEEP CLEAR (ATTACH) (item 8)

This label is positioned on both sides of the arm.

- ⚠ **Serious injury or death can result from a falling attachment**
- ⚠ **To prevent serious injury or death, do not walk near, under implements or attachments.**

This applies when machine is in use, the implements are suspended in air or while the machine is being worked on.

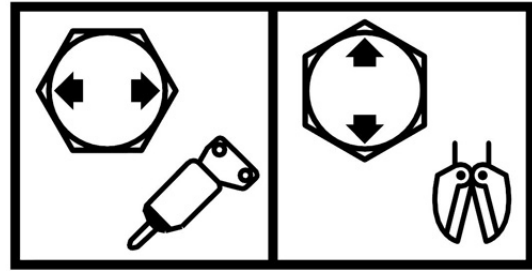


91MJ-06112

**8) CHANGE WAY (item 9)**

This label is positioned on the LH frame cover.

※ See page 4-27 for details.



97MJ-03110

**9) CONSOLE TILTING (item 10)**

This label is positioned on the left side of the LH console box.

※ Before you get off the machine be sure to tilt the LH console box.



91M8-07300-00

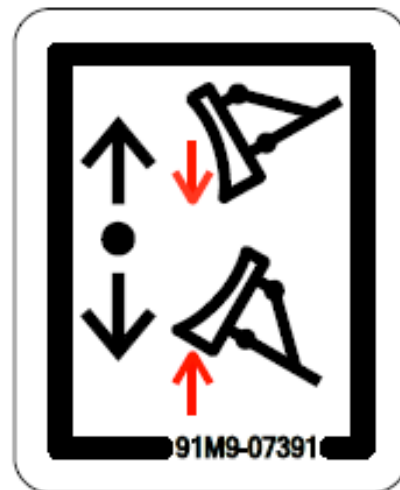
**10) DOZER CONTROL IDEOGRAM (item 11)**

This label is positioned on the top side of the RH console box.

※ See page 4-7 for details.

※ Guidelines for using the general dozer blade.

- Be careful not to apply an excessive load when using a blade.
- Avoid impacts and loads on the bottom due to machine modification or excessive working conditions.
- Check the BLADE UP status before traveling the machine.
- Avoid any collision with the upper working device and the blade.
- Do not move machine in the blade jack up state.
- When using blade jack up, use it in an environment where the ground is not rough and the machine and ground are same level.

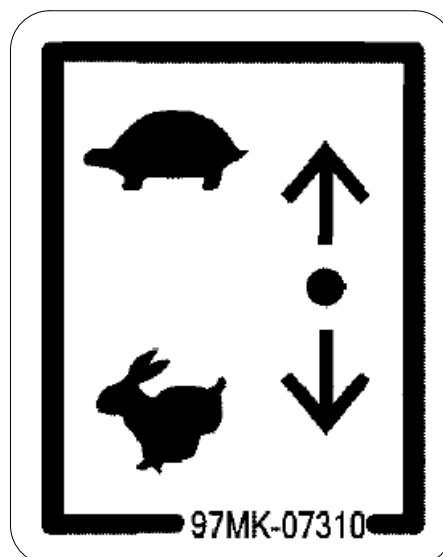


91M9-07391

### 11) ENGINE CONTROL IDEOGRAM (item 12)

This label is positioned on the top side of the LH console box.

※ See page 3-12 for details.



97MK-07310

### 12) ELECTRIC WELDING (item 16)

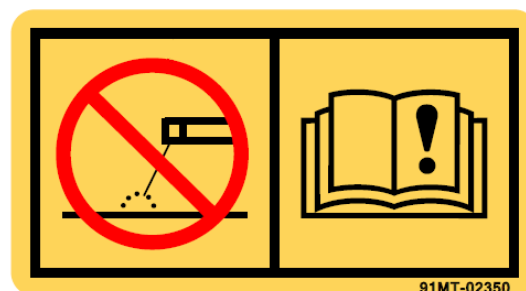
This label is positioned on the battery cover.

⚠ Before carrying out any electric welding on this machine, follow the below procedure.

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

※ Be sure to remove paint where ground will be applied to ensure proper grounding of welder. Once welding is complete, clean and repaint area.

※ See page 6-36 for detail.



91MT-02350

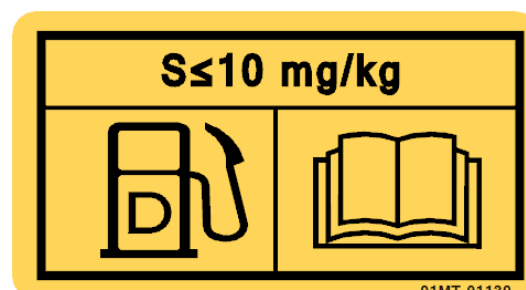
### 13) FUELING (item 17)

This label is positioned on the RH side cover.

⚠ Stop the engine when refueling. Any lights or flames must be kept at a safe distance while refueling.

※ Use ultra low sulfur fuel only.

※ Ultra low sulfur fuel  
sulfur content  $\leq 10$  ppm



91MT-01130

#### 14) GENERAL CAUTION (CANOPY) (item 21)

This label is positioned on the inner cover of the hydraulic oil tank.

- ▲ Serious injury or death can result from contact with electric lines.

It is possible to receive shock by merely coming into the vicinity of electric lines, the minimum distance based on supply voltage should never be exceeded.

Refer to page 1-17.

- ▲ Serious injury or death can result from dropping bucket.
- ▲ Operating the machine with quick coupler switch unlocked or without safety pin of moving hook can cause the bucket to drop off.
- ▲ Be careful to operate machine equipped with quick coupler or extensions.
- ▲ Bucket may hit canopy or boom, boom cylinders when it reached vicinity of them.



91M9-07243

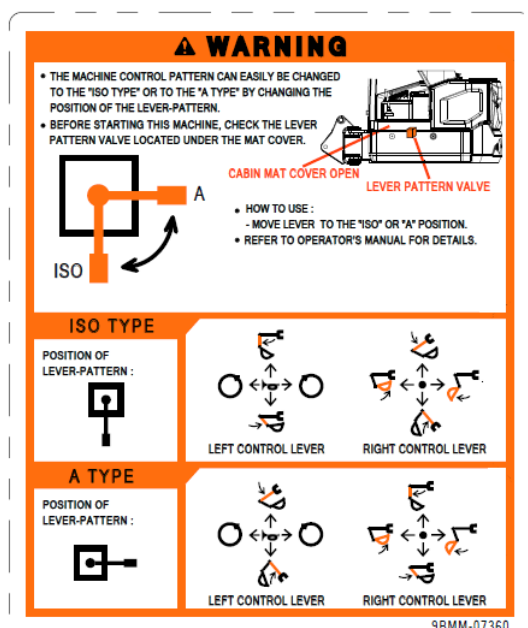
#### 15) PATTERN CHANGE (item 22)

This label is positioned on the LH frame cover.

- ▲ Check the machine control pattern for conformance to the pattern on this label. If not, change label to match pattern before operating machine.

- ▲ Failure to do so could result in serious injury or death.

※ See page 4-21 for details.



98MM-07360

#### 16) ACCUMULATOR (item 23)

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 holes in the accumulator or expose it to open 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.

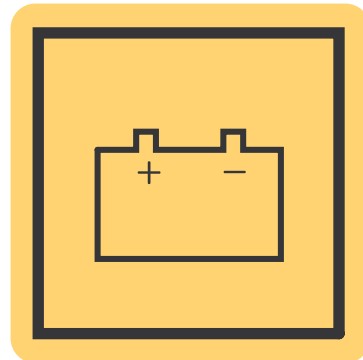


91N6-03201

#### 17) BATTERY POSITION (item 24)

This label is positioned on the LH frame cover.

- ※ See page 6-34 for the battery handling.



38090FW03

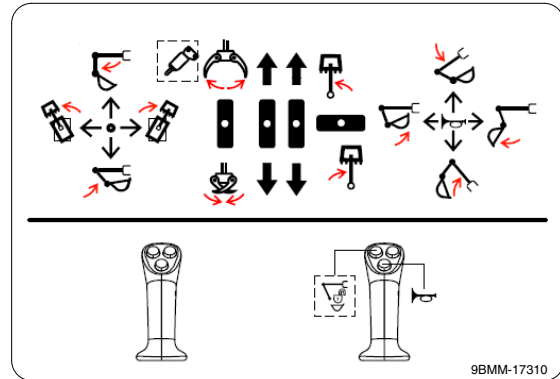


### 18) CONTROL IDEOGRAM (item 25)

This label is positioned on the inner cover of the hydraulic oil tank.

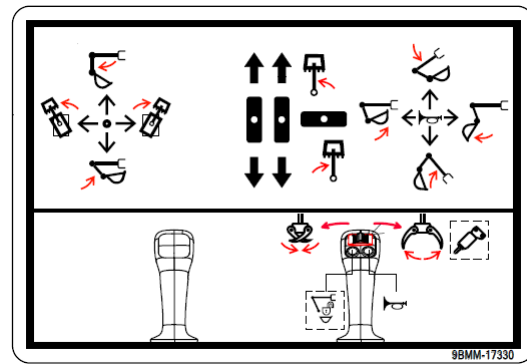
- ⚠ **Always ensure the label matches the control pattern. If it does not, replace label with appropriate control pattern label.**
- ⚠ **Failure to do so could result in serious injury or death**
- ※ **See page 4-7 for details.**

Without proportional



9BMM-17310

With proportional

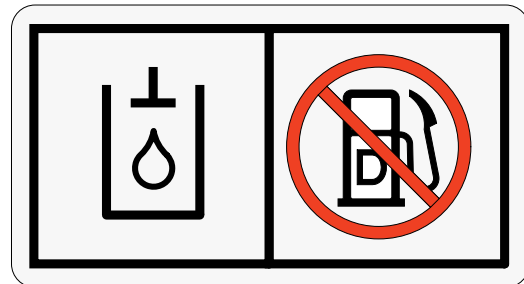


9BMM-17330

### 19) FUEL SHUT-OFF (item 26)

This label is positioned on the RH side cover.

- ※ **Fill only the hydraulic oil.**  
**Do not fill the diesel fuel.**



140WH90FW51

### 20) WATER SEPARATOR (item 27)

This label is positioned on the inner cover of the hydraulic oil tank.

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

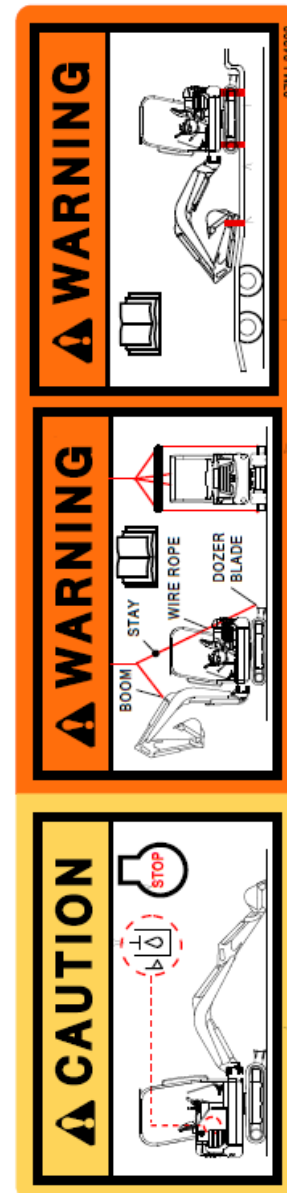


91Q4-07180

21) **GENERAL CAUTION (FRAME)** (item 30)

This warning label is positioned on the RH side cover.

- ⚠ **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 5-4 for details.
- ⚠ **Make sure wire rope is proper size and keep correct hoisting method.**
- ※ See page 5-5 for details.
- ⚠ **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.

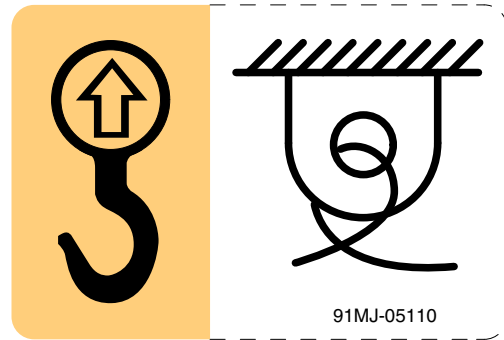


97MJ-04200

## 22) LIFTING POINT/TIE DOWN (item 31)

This label is positioned on the LH and RH sides of the dozer blade.

- **Lifting point**  
In order to lift the machine, attach the lifting devices to the lifting points.
- **Tie down**  
In order to tie down the machine, attach the tie-downs to the tying points.



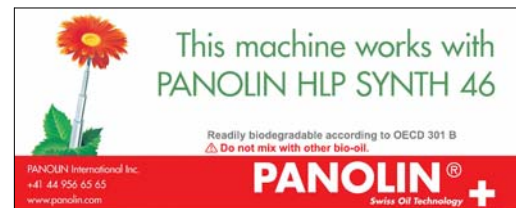
91MJ-05110-00

## 23) BIO OIL (item 33)

This label is positioned on the RH side cover.

- ※ **This machine works with PANOLIN HLP SYNTH 46.**
- ※ **Readily biodegradable according to OECD 301 B.**

△ **Do not mix with other bio-oil.**

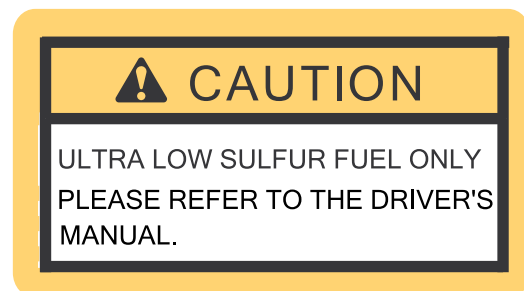


94MJ-99110

## 24) ULTRA LOW SULFUR DIESEL (item 34)

This label is positioned on the RH side cover.

- ※ **Use ultra low sulfur fuel only.**
- ※ **Ultra low sulfur fuel**  
sulfur content  $\leq 10$  ppm
- ※ **If ultra low sulfur diesel is not used, the aftertreatment diesel particulate filter can be damaged.**

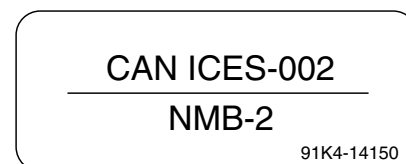


2609A0SL03

## 25) EMC (item 35)

This label is positioned on the front side of the upper frame.

- ※ **This machine complies with the EMC directive ICES-002.**
- ※ **EMC : ElectroMagnetic Compatibility**



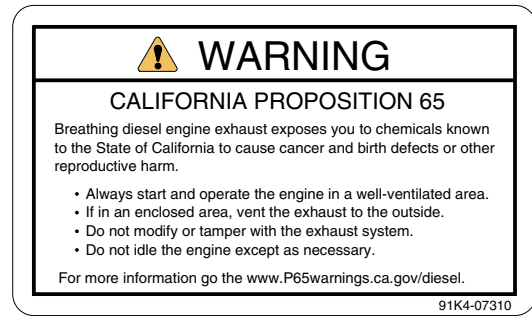
91K4-14150

**26) CALIFORNIA 65 (item 36)**

This warning label is positioned on the RH side cover.

**⚠ Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

- (1) Always start and operate the engine in a well-ventilated area.
  - (2) If in an enclosed area, vent the exhaust to the outside.
  - (3) Do not modify or tamper with the exhaust system.
  - (4) Do not idle the engine except as necessary.
- ※ For more information go to [www.P65warnings.ca.gov/diesel](http://www.P65warnings.ca.gov/diesel).

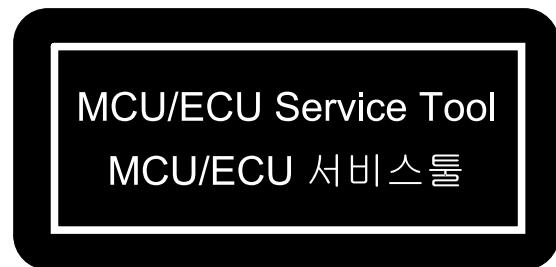


91K4-07310

**27) MCU/ECU CONNECTOR (item 37)**

This label is positioned on the storage box cover.

- ※ MCU communicates the machine data through Laptop computer through RS232 service socket.
- ※ ECU communicates the engine data with cummins INSITE tool adapter through J1939 service socket.



91Q4-15860

**28) CAUTION KEY (item 38)**

This label is positioned on the left side of the RH console box.

- ⚠ Park on a flat place and stop the engine for inspecting and repairing. Properly TAG machine is not operational. (remove start key)**
- ※ Extreme care shall be taken during maintenance work.



91M9-0121 1

91M9-01211-00

29) FIRE EXTINGUISHER (item 39)

This label is located on the rear side of the canopy outside.

- ※ Read and understand the instructions adhered decal on the fire extinguisher.



91Q6-07290

30) EXEMPTION PLATE (item 40)

This label is positioned on the front lower side of outside the cab.

豁免标签	
机械型号:	生产日期:
机械编号:	
机械制造商名称: 现代(江苏)工程机械有限公司	
机械进口企业:	
发动机型号:	
发动机制造商名称:	
豁免用途:	豁免期限:
9BE1-40100	

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