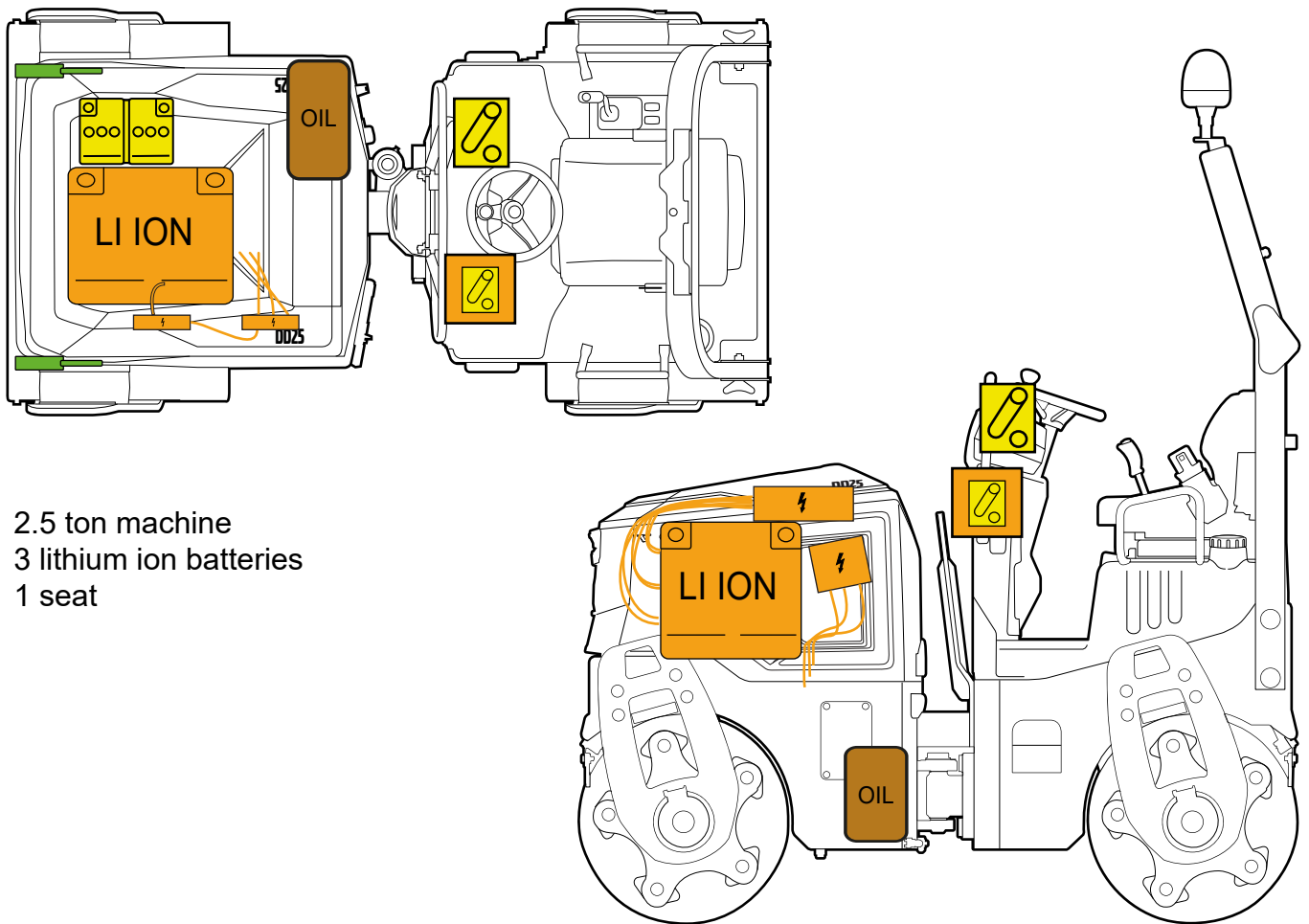
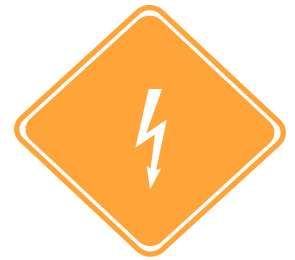



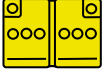






**VOLVO**

# VOLVO ASPHALT COMPACTOR

## JDD25B ELECTRIC



2.5 ton machine  
3 lithium ion batteries  
1 seat

 48 V lithium-ion battery	 Battery, low-voltage	 Hydraulic oil tank	 High voltage component	 Ignition switch, Emergency stop switch	 Battery disconnect switch
 Gas strut, preloaded spring	 High voltage power cable				

Identification number

54973307

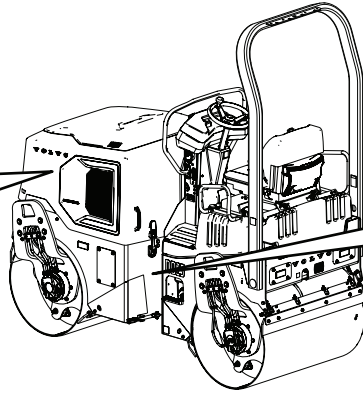
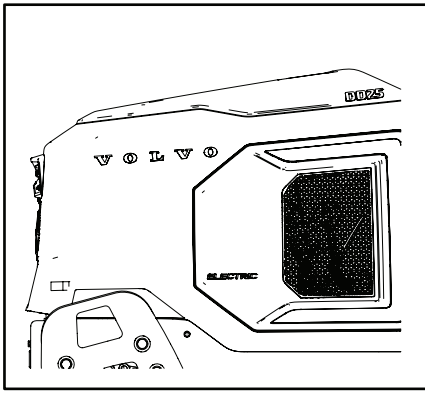
Version number

05/2024

Page number

1

# 1. Identification/recognition



Volvo Construction Equipment	
Volvo Construction Equipment North America, LLC 312 Volvo Way, Shippensburg, PA 17257, United States	
Type/Model	<input type="text"/>
Product Name	<input type="text"/>
Product Identification Number	<input type="text"/>
Machine mass kg	<input type="text"/>
Nominal power kW	<input type="text"/>
Manufacturing year	<input type="text"/>
Made in <input type="text"/>	Assembled in <input type="text"/>
<b>VOLVO</b>	

# 2. Immobilisation/stabilization/lifting

Always approach the vehicle from the sides to stay out of the potential travel path. It may be difficult to determine if the vehicle is running due to lack of noise.

The machine is equipped with a spring-applied, hydraulically released parking brake. Loss of power to the hydraulic system will cause the mechanical brake to be applied.

Place wheel chocks in front of and behind the drums to prevent any unintended movement.



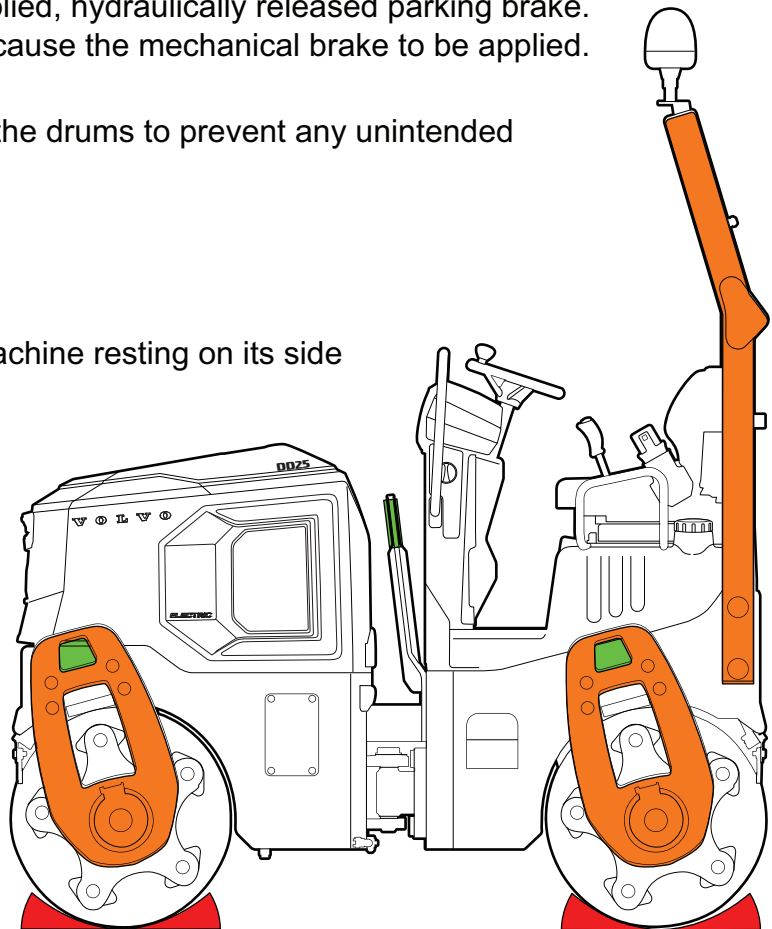
Placement of wheel chocks



Safe stabilization points for a machine resting on its side



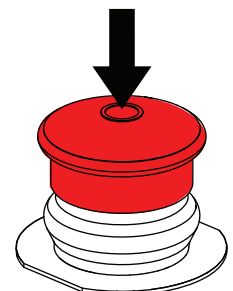
Appropriate lifting points



# 3. Disable direct hazardous/safety regulations



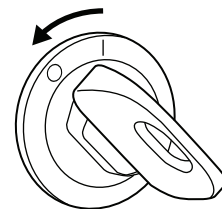
In the event of an immediate emergency, use the emergency stop switch to stop the machine. The emergency stop switch stops the electric motors and applies the parking brake.



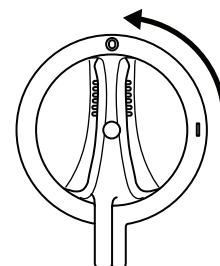
### 3. Disable direct hazardous/safety regulations



1 Turn the ignition switch to the “off” position and remove the key.



2 Turn the battery disconnect switch to the “off” position.



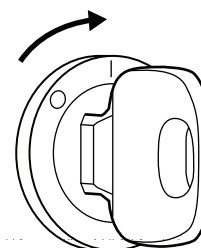
**The battery disconnect switch does NOT disconnect the high voltage traction battery system!**



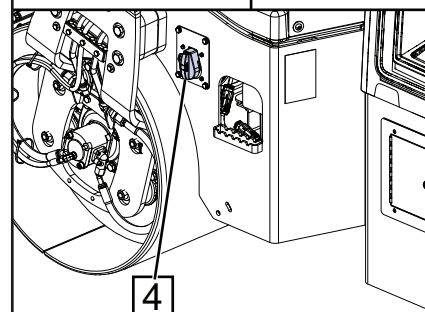
If the machine is charging and is connected with a standard charging connector...

- 1 Disconnect the charging cable from the power source, if possible.
- 2 Turn the ignition switch to the “On” position.
- 3 Press the battery charge switch to stop the charging procedure.
- 4 Disconnect the charging connector from the charging point on the machine.

2



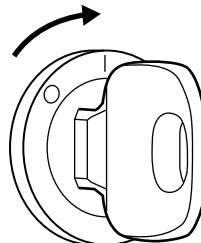
3



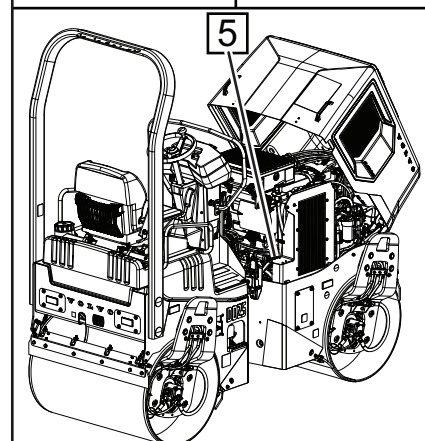
If the machine is charging and is connected with a fast charging connector...

- 1 Disconnect the charging cable from the power source, if possible.
- 2 Turn the ignition switch to the “On” position.
- 3 Press the battery charge switch to stop the charging procedure.
- 4 Open the hood.
- 5 Disconnect the charging connector from the charging point on the machine.

2



3



## 4. Stored energy / liquid / gases / solid

48V High voltage lithium-ion battery



27 L  
7.13 US Gal



## 5. In case of fire



Use large sustained volume of water for lithium-ion battery related fire.



Class ABC fire extinguisher can be used if other materials are involved.



In case of thermal runaway, hydrogen fluoride can be released by the lithium-ion batteries.

## 6. In case of submersion



The damage level of a submerged vehicle may not be visible.

Submersion in water can damage 12 V and 48 V components.

Handling a submerged vehicle without appropriate Personal Protective Equipment (PPE) will result in serious injury or death from electric shock.

Avoid any contact with 48 V cables and electric components.

If possible disable direct hazards (See chapter 3).

## 7. Towing / transportation / storage



Observe the vehicle for a minimum period of 48 hours using a thermal infrared camera.

Risk of late fire can happen, after the fire suppression or in case the lithium-ion batteries are damaged.



The electric vehicle met with an accident must be parked in a suitable place by maintaining a safe distance from other vehicles, buildings and combustible objects.

If the traction batteries are damaged, there can be a risk of thermal or chemical reaction.

## 8. Important additional information



Do not cut any orange cables.

Do not touch any high voltage cables and electric components.

Do not perform any operation on a damaged vehicle without appropriate Personal Protective Equipment (PPE)