

⚠ Read this handbook thoroughly and understand the whole information contained before trying to operate, inspect and service your machine!

M
O
D
E
L

S
W
7
7
0

S
W
7
7
0
H
F

**OPERATING &
MAINTENANCE
INSTRUCTIONS**

SAKAI HEAVY INDUSTRIES, LTD.

**VIBRATING
ROLLER**

MODEL
SW770
SW770HF

From SW770 → 4SW48 – 10101
SW770HF → 4SW48 – 10101

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to **CLICKING** the link, please download this PDF first and then click on it.

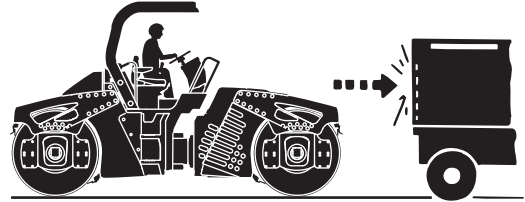
CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

⚠ WARNING: Negligence of these instructions can lead to accidents.

1. BASIC PRECAUTIONS FOR SAFETY

■ Know the stopping distance.

- When traveling on a road, bear in mind the stopping distance. Avoid excessive speed, and abrupt starting and stopping, and moving in a zigzag direction.



1.3 Before Starting the Engine

■ Adjust the operator's seat to your most effective operating position.

- Sit on the operator's seat. Adjust the seat so that your back will make contact with the seat back when the brake pedal is depressed to the full extent. Check to be sure that the brake pedal can be fully depressed without difficulty when you twist your body for reverse run.

■ Secure good visibility (with cabin)

- Keep the windowpane clean.
- Lock the windows and doors no matter whether they are open or closed.
- Do not leave the doors half-closed.

■ Secure forward and backward visibilities.

- Adjust the rear view mirrors and under mirrors for good visibility. If dirty, clean them. If damaged, replace.

■ Check that the horn, lamps and gauges work correctly.

■ Before starting, make certain that each lever is in the neutral position and the parking brake is applied.

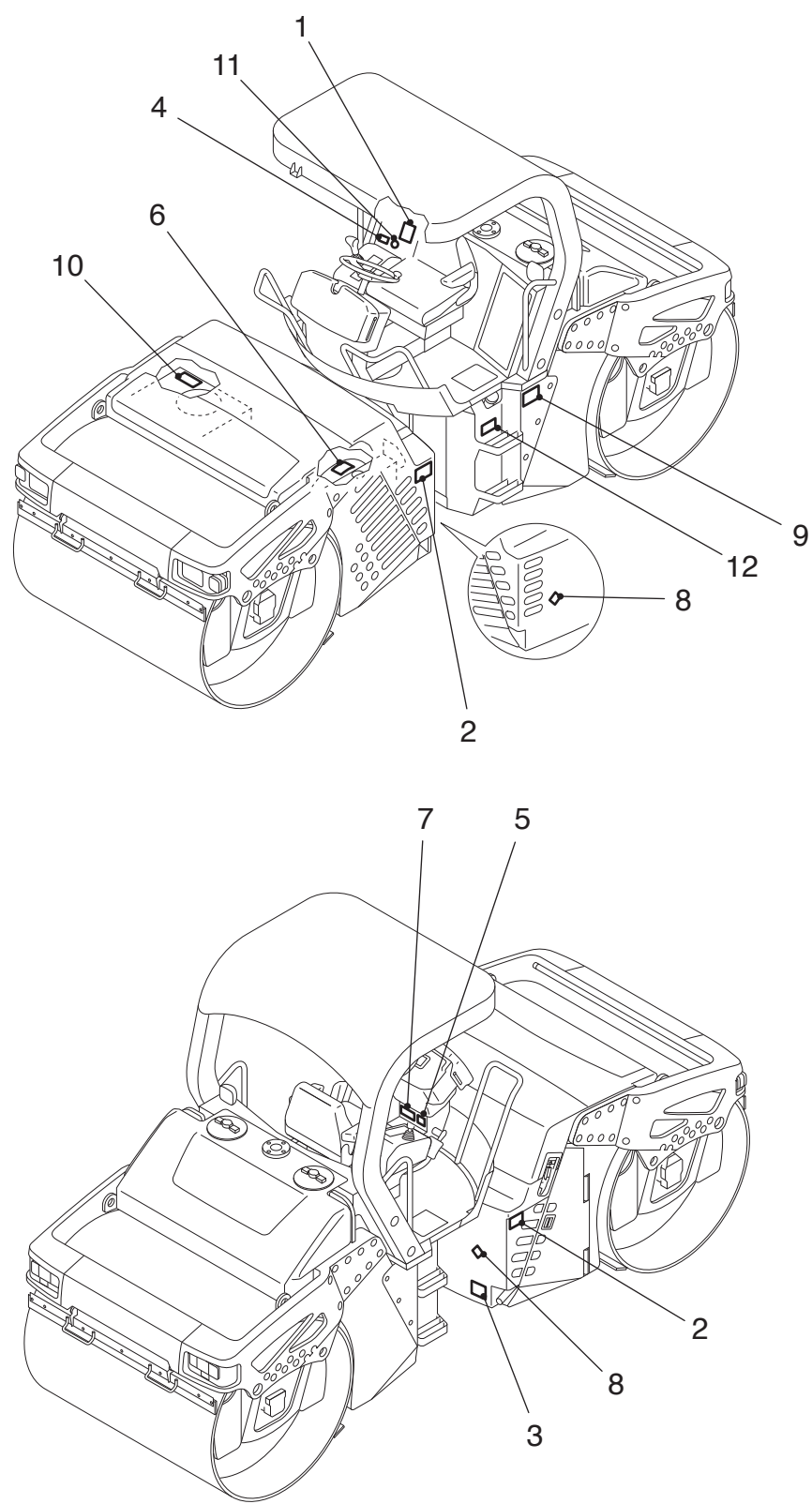
■ When starting, sound the horn.

- Before starting the engine. Make sure there is no one in the immediate vicinity and there are no obstructions around the machine.



⚠ WARNING: Negligence of these instructions can lead to accidents.

1. BASIC PRECAUTIONS FOR SAFETY

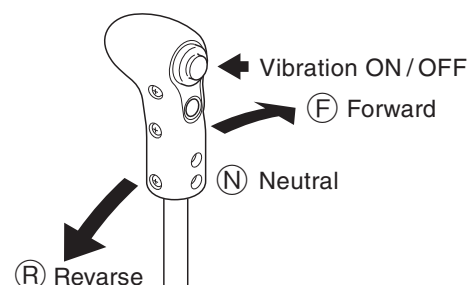


2.1.4 Operating levers and pedals

Forward-reverse lever (F-R lever) with vibrator switch

Moving the F-R lever forward or backward makes the machine travel forward or backward respectively. The neutral position brings the machine to a stop. The vehicle speed increases or decreases in proportion to the lever displacement.

The vibrator ON-OFF control is easily made by the F-R lever top vibrator switch (See page 25).



IMPORTANT

- **For normal braking, return the F-R lever back to neutral.**
- **In an emergency, depress the brake pedal. More powerful braking will take place.**

Brake pedal

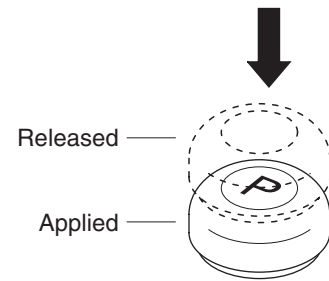
In an emergency, push down on the pedal to the full extent, and the machine will come to a sudden stop.

IMPORTANT

Do not use the pedal wherever practicable except for an emergency. If used during the compacting operation of asphalt pavement, this can cause damage to its surface.

NOTE: Depressing the brake pedal brings the F-R lever into neutral (N).

- 3) Press down parking brake switch button to release the brake. Check that indicator lamp (P) on the monitor display goes off.

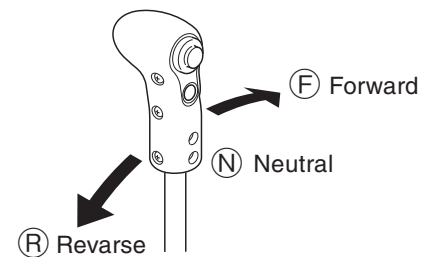


- 4) Move the F-R lever in the direction to travel, and the machine will begin traveling.

⚠ CAUTION

Avoid abrupt operation of the F-R lever.

NOTE: The travel speed can be controlled by the throttle lever and F-R lever.



⚠ WARNING

Pay extreme attention to the area behind the machine when backing, since the space just behind it tends to be a blind spot.

2.9 Loading and Unloading

⚠ WARNING

- Use sturdy ramps with proper width, length and thickness which allow safe loading and unloading.
- If the ramps deflect considerably under load, apply wooden blocks to reinforce them.
- Loading should be conducted on a level and hard ground. Leave a sufficient distance between the machine and the shoulder.
- To prevent slippage on the ramps, keep the drums free from mud, oils, etc. The ramps must also be free of grease, oil and ice.
- Do not steer the machine on the ramps. If the machine is facing in the wrong direction, allow it to dismount from the ramps and correct the direction.

For loading and unloading, use ramps or a proper loading stand.

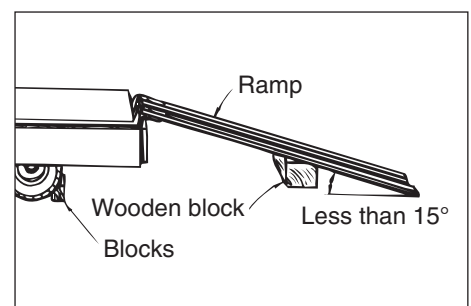
2.9.1 Use of a trailer equipped with a winch

⚠ WARNING

Placing the unloader in UNLOAD position disrupts the power for traction. Do not enter the areas ahead of and behind the machine. It is very dangerous.

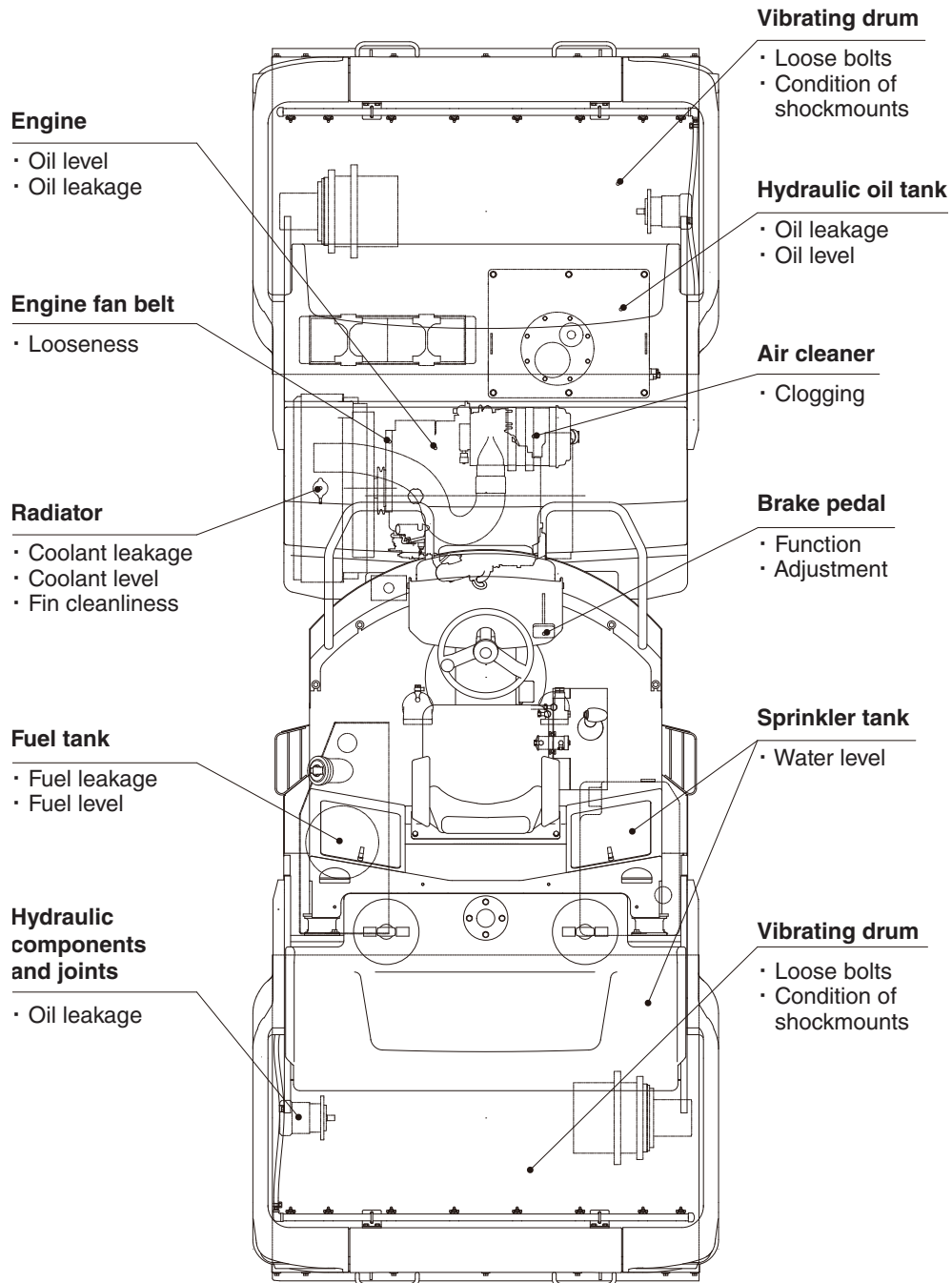
1) Engage the trailer brake and chock its wheels. Fix the ramps so that the machine and trailer are completely aligned.

- ☆ The angle between the ramps and ground must be less than 15 degrees.
- ☆ Leave a proper space between the ramps according to the width of the roller drum.



3.2 Walk-Around Checking

For efficient operation, daily, before-operation checking is very important. Before starting, perform walk-around checking for loose bolts, nuts and signs of leakage in addition to items as shown below:



20 Brake

Traveling motor disassembling procedure

- Traveling motor part No.4217-26000-1
- Before disassembly, carefully clean the circumference so that foreign matter will not enter the traveling motor.

1) Hydraulic hose

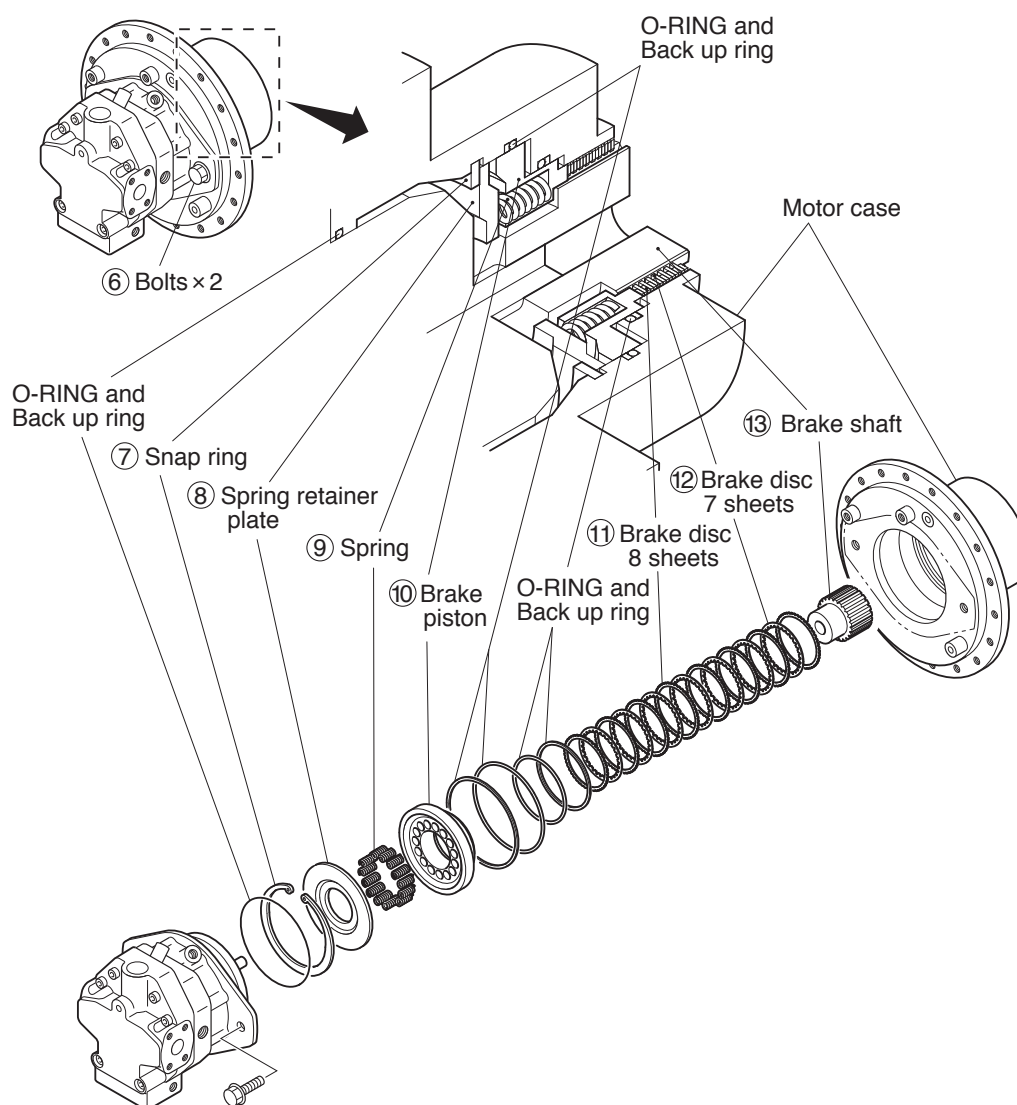
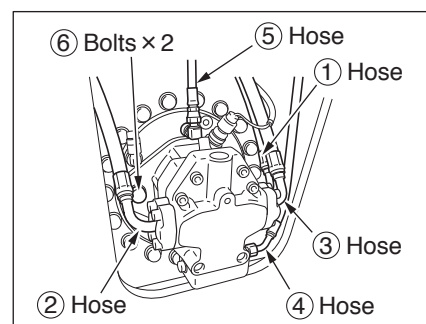
Separate hydraulic hoses ①, ②, ③, ④, and ⑤ from the motor.

- Attach a blind plug to thee hoses and motor-side adaptors respectively.

2) Removal of traveling motor

Remove two bolts ⑥, and then remove the traveling motor.

- A small quantity of gear oil will flow out of the motor.
Exercise care.



CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to **CLICKING** the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL