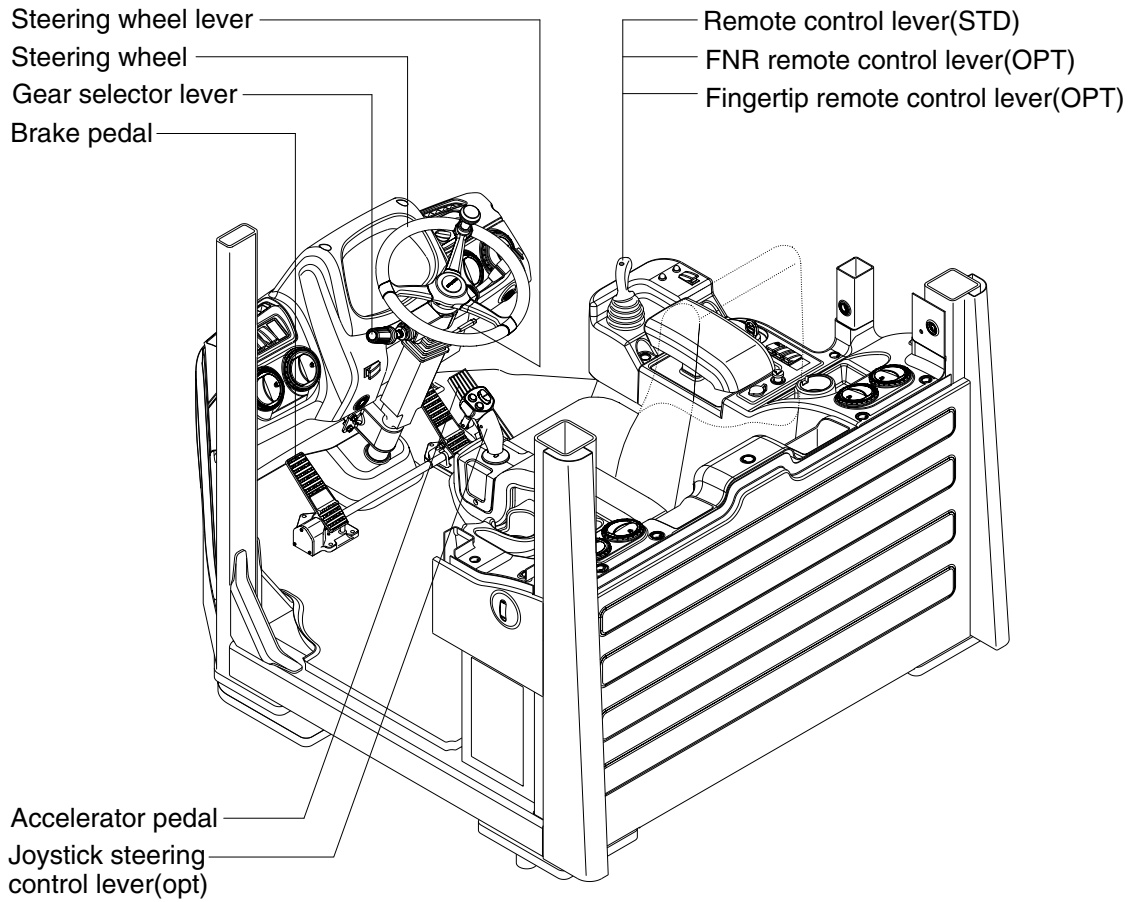
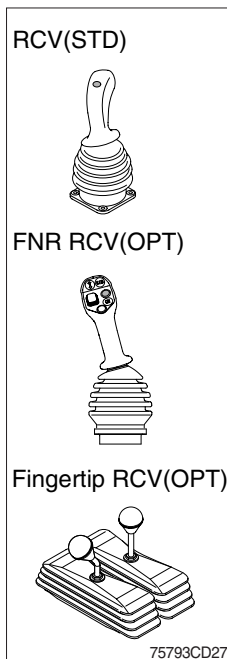


5. CONTROL DEVICE



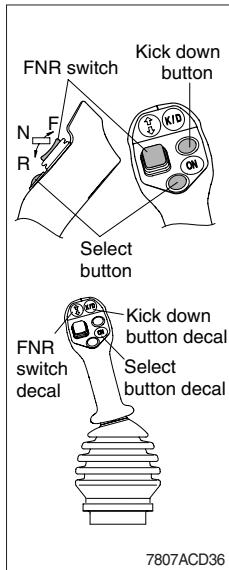
75793CD28

1) REMOTE CONTROL LEVER



- (1) These joystick are used to control the boom and the bucket.
- (2) Refer to operation of working device in chapter 4 at page 4-9.

2) FNR REMOTE CONTROL LEVER (option)



(1) This switch is used for forward and backward drive.

※ **Gear range can be selected by gear selector lever.**

(2) Select button

① If the select button is pressed, the indication lamp on the cluster will be ON and this FNR switch will start to operate.

※ **When the engine is running, the machine is on standstill(0 speed), parking brake is released, gear selector lever is in the neutral position, you can use this function after pressing the select button.**

(3) FNR switch

- F : Forward drive
- N : Neutral
- R : Reverse drive

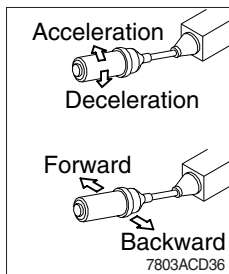
① If the upper side of this switch is pushed, the machine moves forward.

② If the down side of this switch is pushed, the machine moves backward.

③ This function is automatically released when the engine is stopped, parking brake is ON or gear selector lever is out of neutral.

(4) Kick down button : Refer to page 3-31.

3) GEAR SELECTOR LEVER

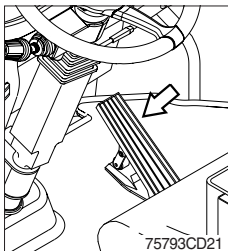


(1) This lever is used for gear selection, forward 4 stages and reverse 3 stages.

(2) If you push the gear selector lever, the machine moves forward, but if pull the gear selector lever, the machine moves backward.

(3) If you turn the gear selector lever forward, the machine increases the speed, but if you turn the gear selector lever backward, the machine reduces the speed.

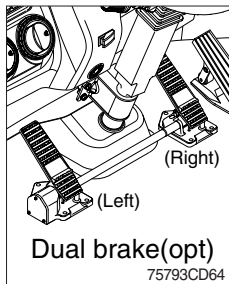
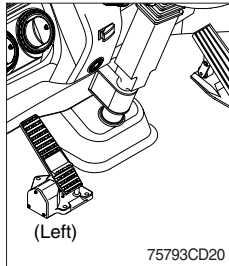
4) ACCELERATOR PEDAL



(1) This pedal controls the engine speed. The engine speed will increase in proportion to the degree of force applied to this pedal.

(2) Unless this pedal is pressed, the machine will run at low idling.

5) BRAKE PEDAL



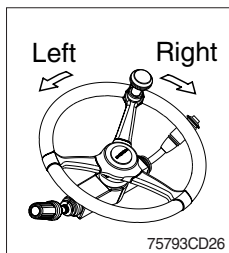
(1) Left brake pedal (service brake + clutch cut off function)

- ① If the pedal is pushed down, this will generate braking force and bring the machine to a stop.
 - ② If the power train operation is to be cut off, set the clutch cut off mode switch to ON (L, M, H) and press the pedal.
- ▲ Even if the brake is applied while clutch cut off mode switch is OFF, power train will not cut off.**
- ※ Do not operate the machine with foot the brake pedal unnecessarily, or bring premature wear of brake disc.
- ③ Clutch cut off function : Refer to page 3-30.

(2) Right brake pedal (service brake function only)

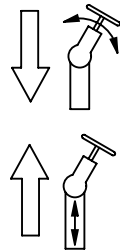
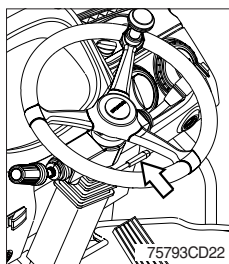
This pedal functions as service brake only.

6) STEERING WHEEL



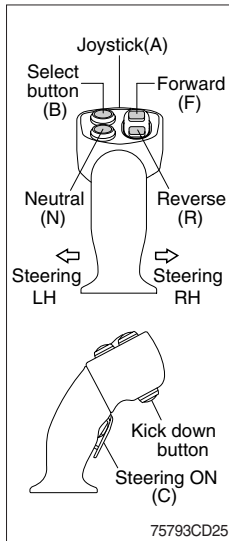
- (1) Two multi-motion cylinders in the center of the machine will operate the steering function.
- (2) If the steering wheel is turned to left, the machine will move to the left and turn it to the right, the machine will move to the right.

7) STEERING WHEEL LEVER



- (1) By pulling down the lever, the wheel is adjustable to tilt.
 - Tilting : 40°
- (2) By pulling up the lever, the wheel is adjustable to telescope.
 - Telescoping : 80 mm


8) JOYSTICK STEERING CONTROL LEVER (option)



- (1) The system has the following functions concentrated to a collapsible arm rest : steering, forward / reverse selection and kickdown function.
- (2) This means that during normal loading work, the operator does not need to touch the steering wheel.
- (3) The joystick steering pilot lamp on the cluster will be ON when the lever steering is activated.
 - ▲ As a safety precaution, the joystick steering is functioned while pressing the steering ON button (C).
 - ▲ When operating on a public road, the steering wheel should always be used and the joystick steering be disconnected. Also when operating at high speeds (above 20 km/h) on a work site, always use the steering wheel.

(4) Joystick (A)

- ① Activate the lever-controlled steering by pushing in the steering ON button (C).

The steering wheel works as usual, even if the joystick steering is activated.
- ② The joystick steering pilot lamp  on the cluster will be ON when the steering ON button (C) is pushed.


(5) Forward/reverse selection button

F : Forward drive

N : Neutral

R : Reverse drive

- ① To be able to operate the forward / reverse selection and kick-down button the system must first be activated using select button (B).
 - ※ **The ordinary gear selector control should be in neutral.**
- ② When this function is engaged, it is possible to operate the forward -reverse selection. If the ordinary gear selector control is activated at the same time as the joystick steering is activated, the ordinary gear selector control overrides any selection made by the joystick steering.

To reactivate the joystick steering, the ordinary gear selector control must first be moved to neutral and the system again be activated.
- ③ The FNR select pilot lamp  on the cluster will be ON when the forward / reverse selection is activated.

(6) Kick-down button : Refer to page 3-31.