

D155AX-5 Bulldozers

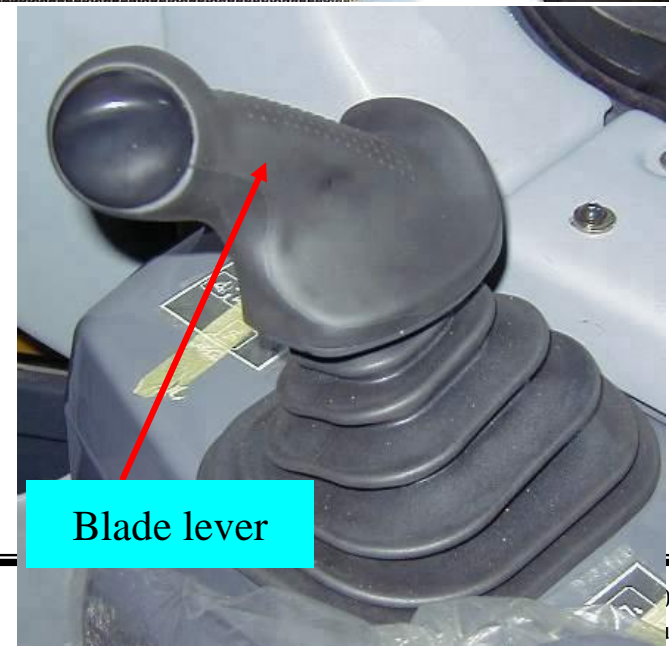
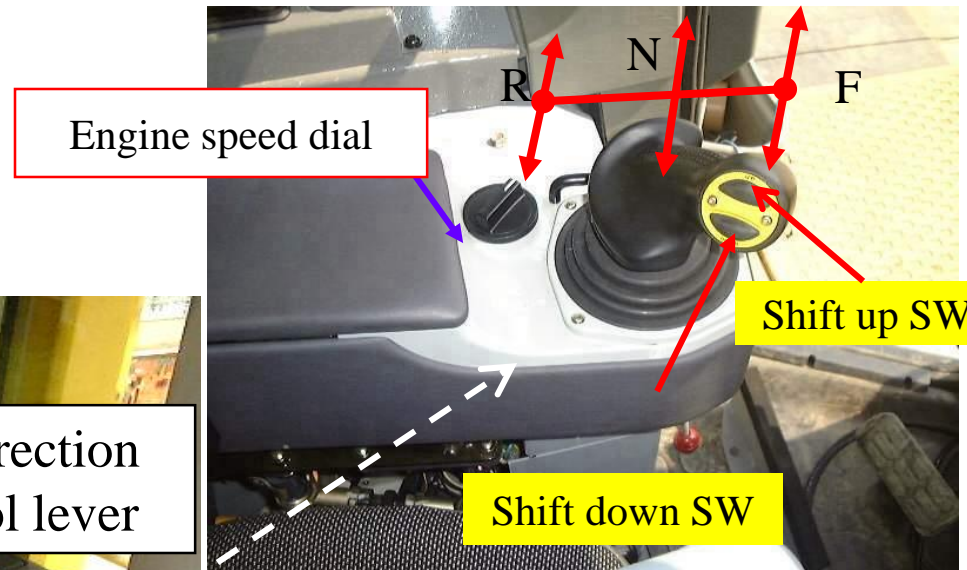
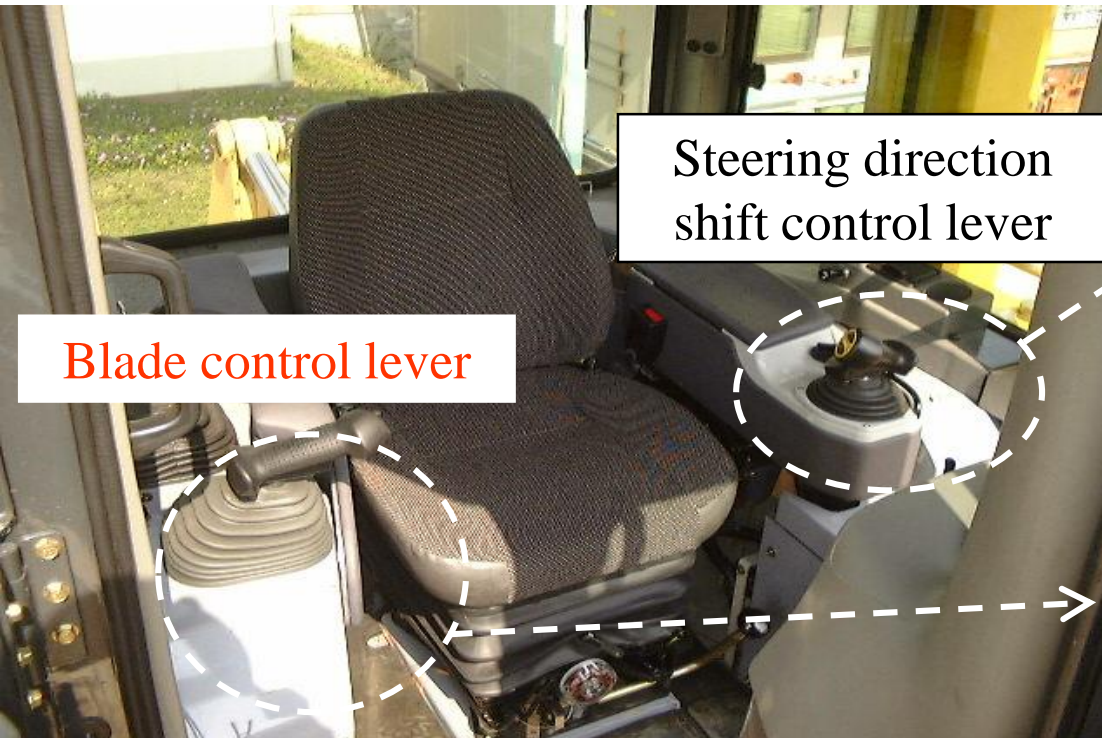


Chapter 3 : Lever and cab

Palm type control lever

Main sales feature [Operator's comfort improvement]

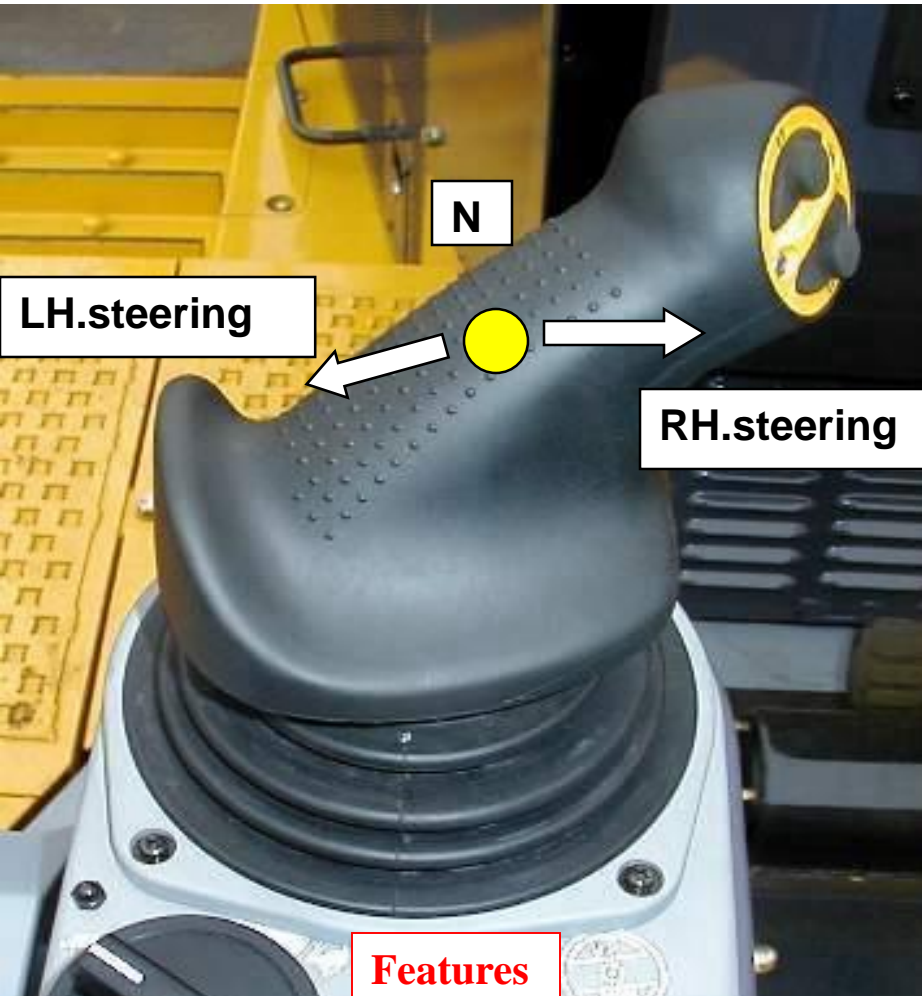
Small movement and lower effort to precisely control including preset shifting pattern and automatic shift down



PCCS Lever

D155AX-5B

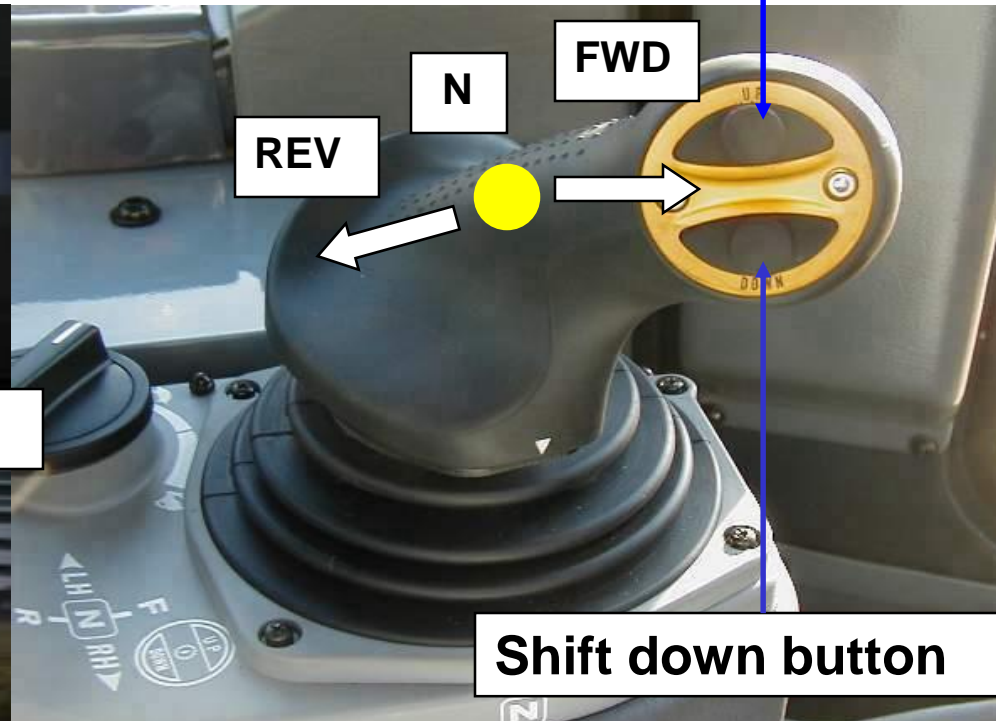
Shift up button



Features

1. Dozer moves in the same direction as the lever
2. The lever fits in the palm of the hand for easy and relaxed operation

Fuel dial



D155AX-5A

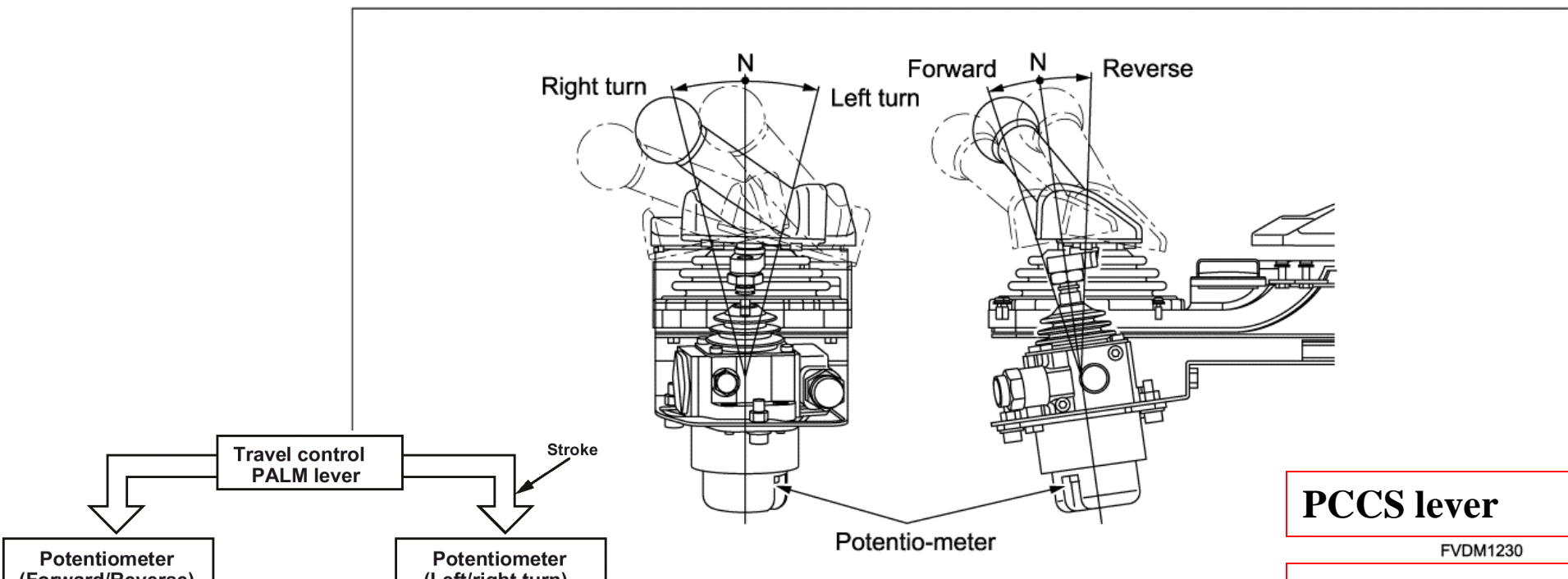
Steering lever

Fuel lever

T/M lever

Steering (Left/Right turn)

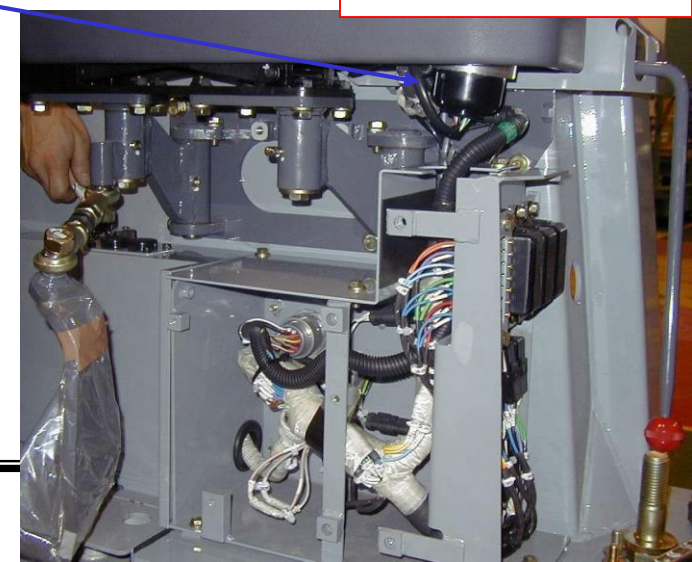
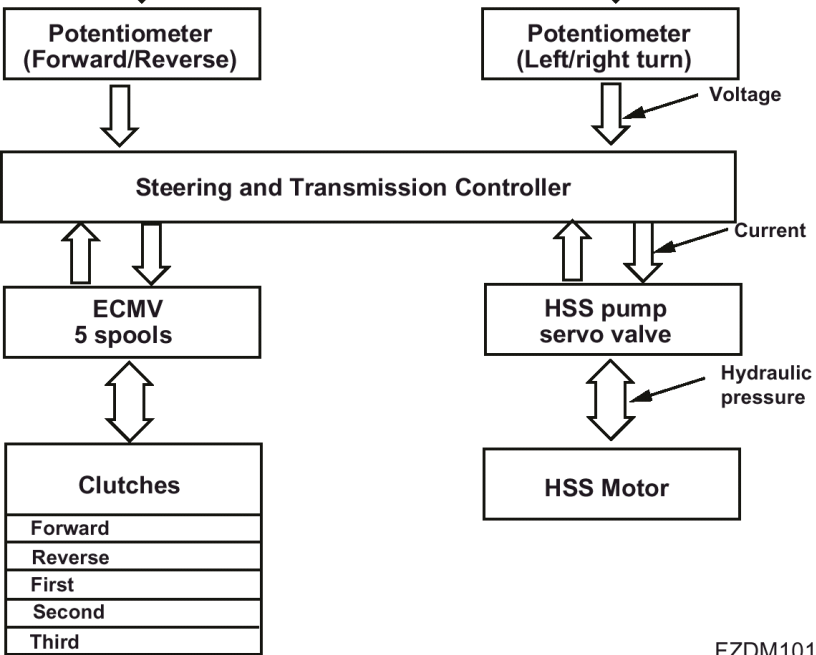
Direction (Forward/Reverse)



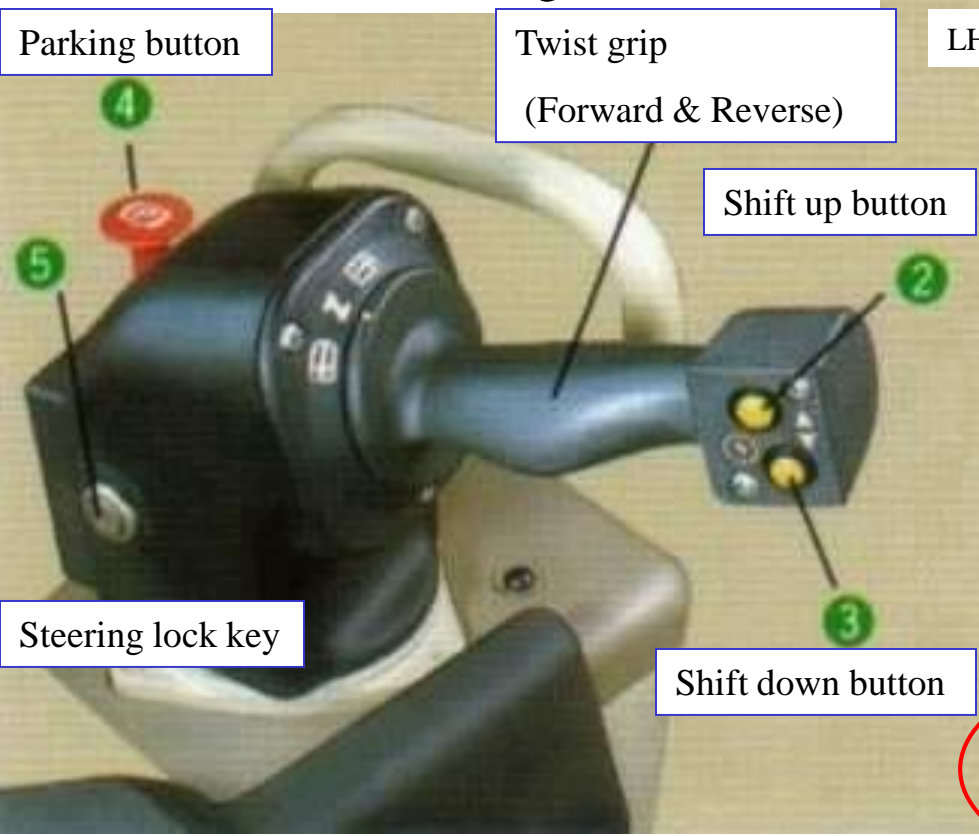
PCCS lever

FVDM1230

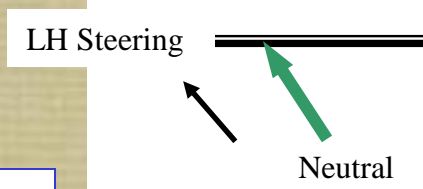
Potentiometer



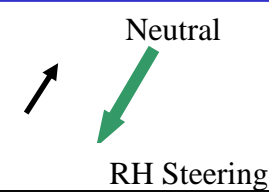
D8R Differential steering lever



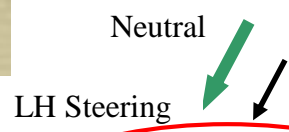
Forward & LH Steering



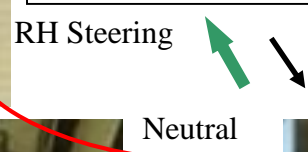
Forward & RH Steering



Reverse & LH Steering

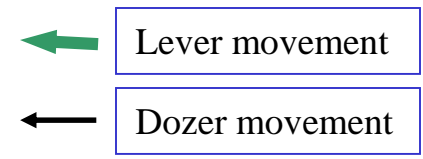


Reverse & RH Steering



Procedure:

1. Turn the "twist grip" to forward position.
2. Push travel lever forward



Procedure:

1. Turn the "twist grip" reverse position.
2. Pull travel lever towards you.

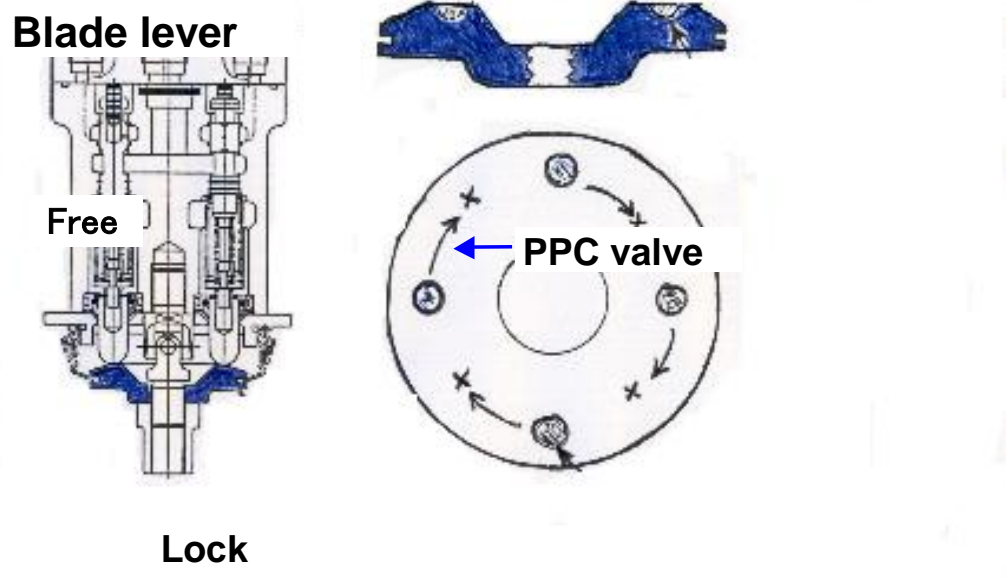
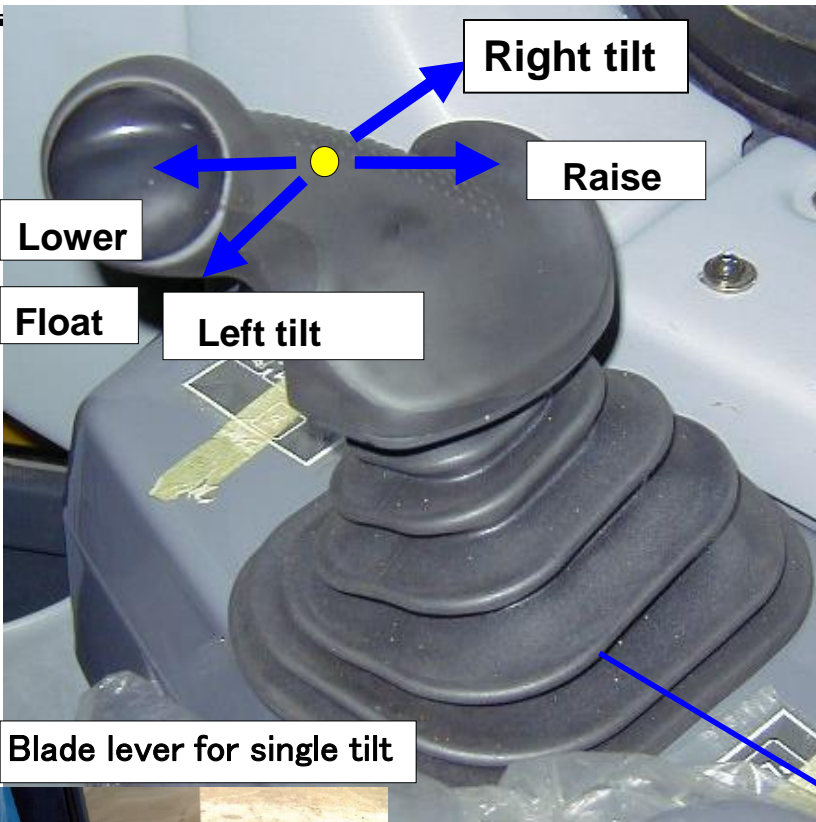


Neutral Forward & RH Steering Forward & LH Steering

BLADE CONTROL LEVER

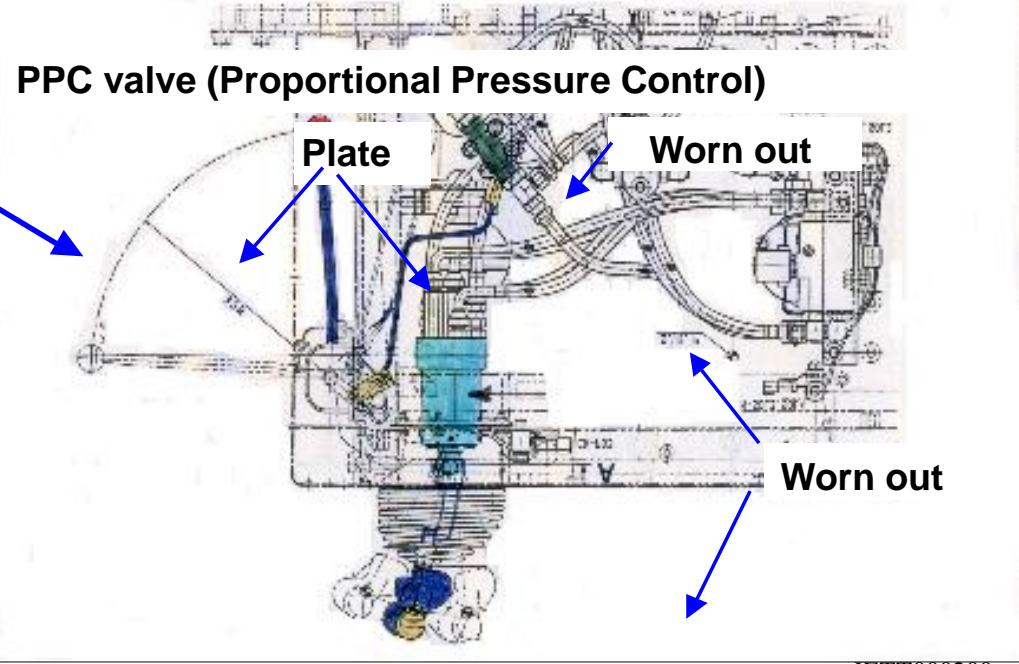
(D155AX-5B)

KOMATSU



Blade PPC Valve

**D155AX-5A
Blade lever**



Ripper lever

D155AX-5B



**Ripper
lever**



L

35mm

M

**Adjustable armrest
Height = H, M, L**

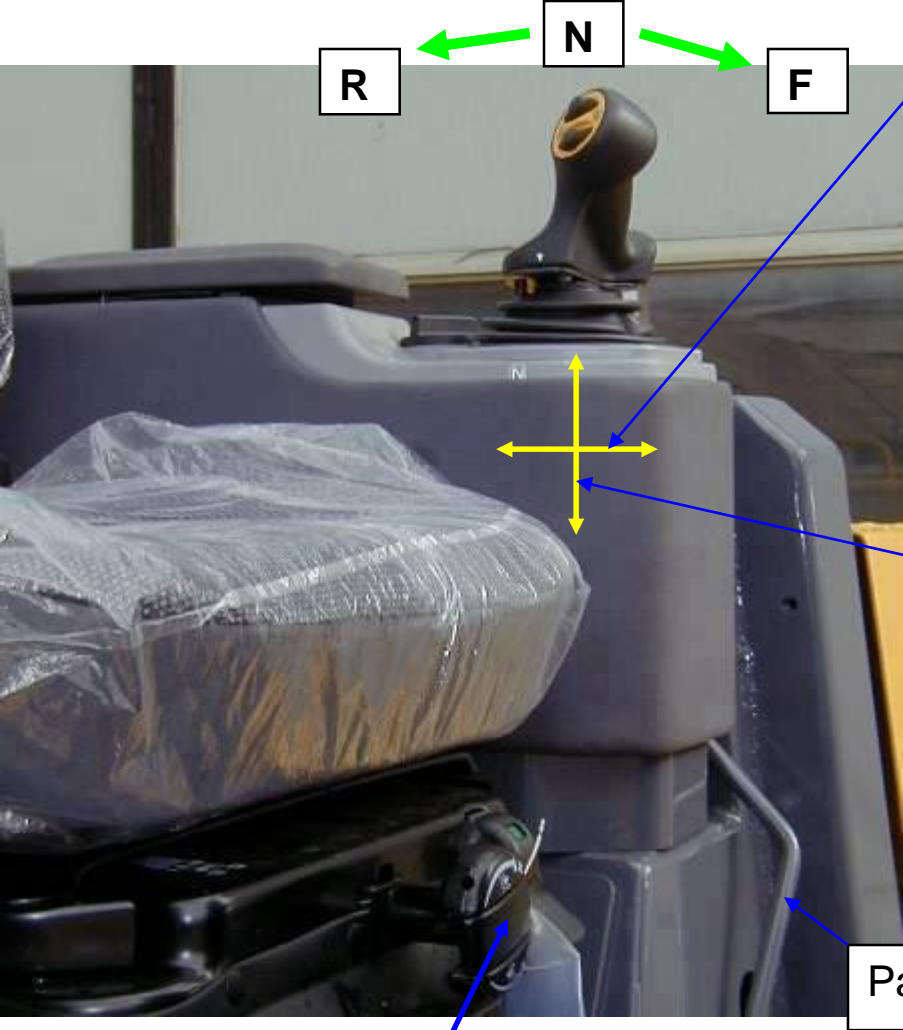
H

25mm

Ripper PPC Valve

PCCS Lever box

Back and Forth Adjustable Console Ass'y
Forward = 60 mm
Backward = 30 mm



R ← N → F



Height adjusting handle

Back and Forth adjusting lever

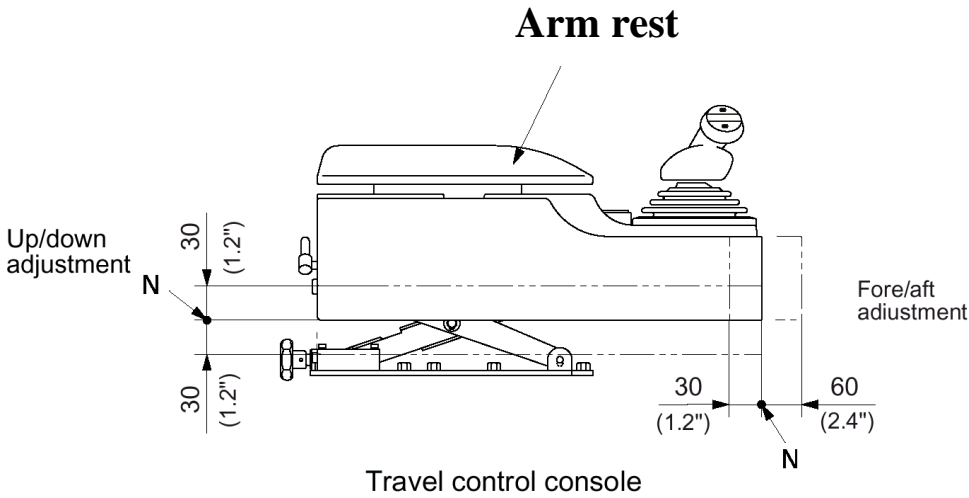
Height Adjustable Console Ass'y
Up = 30 mm
Down = 30 mm

Parking lever



Storage Box

Weight adjustment indicator
Height adjustment: 75mm(3in)
Weight adjustment: 50--130Kg
(110--287lb)



When turned 15°

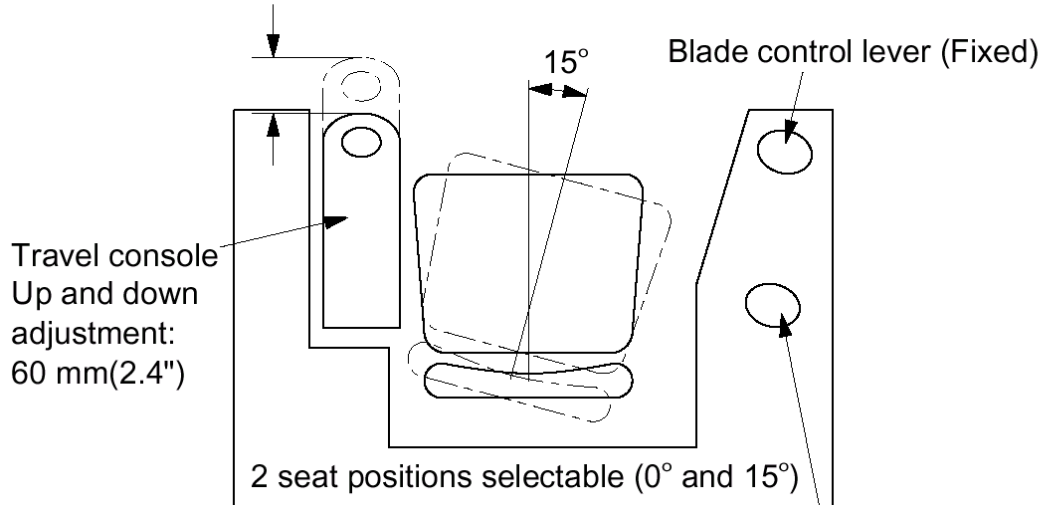


Facing front

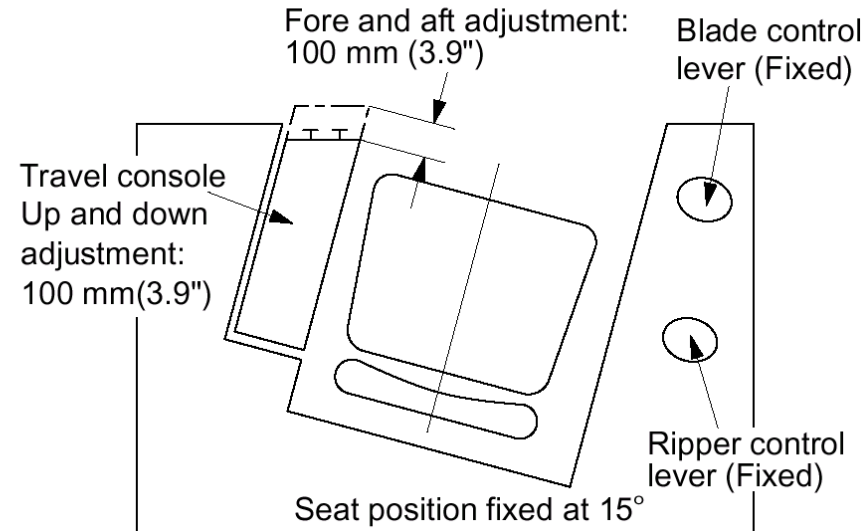


D155AX-5B

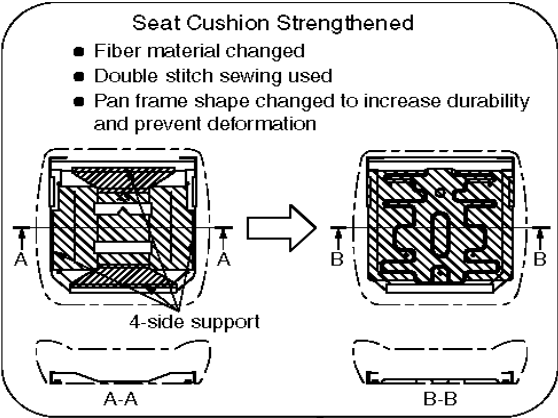
Fore and aft adjustment:
90 mm (3.5")



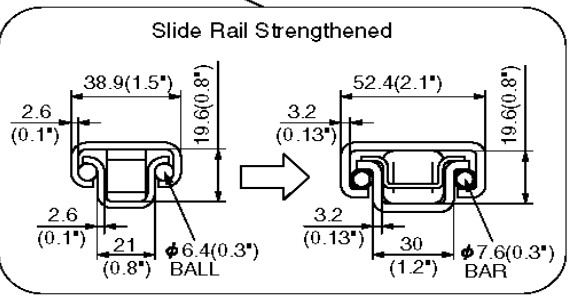
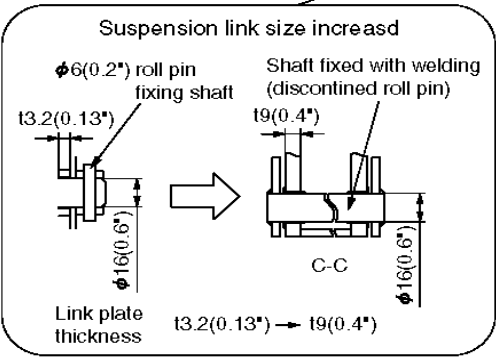
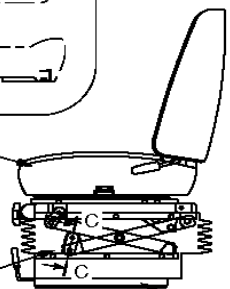
D8R



**OPTION : KAB834K
(High back seat)**



STD :KAB831K



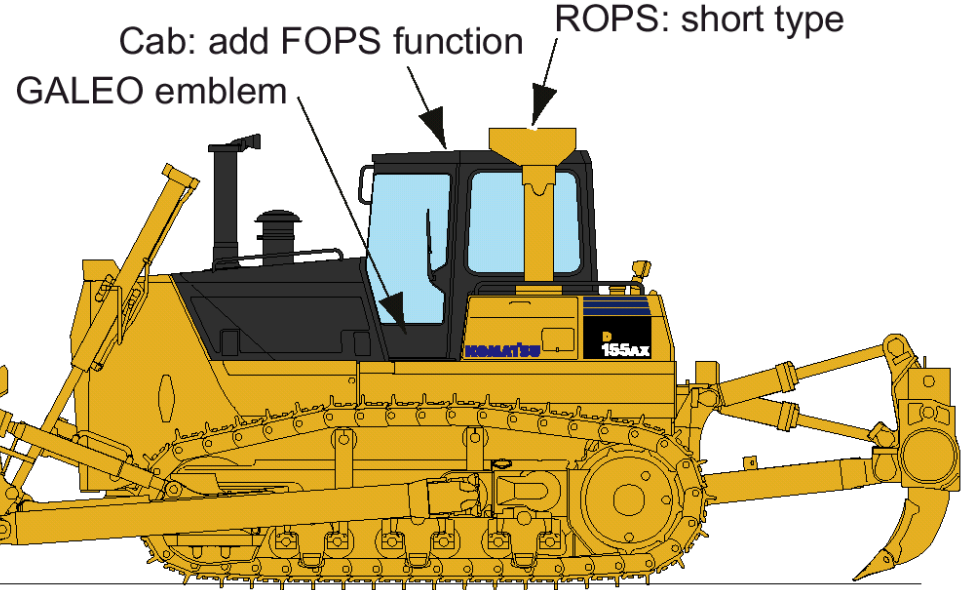
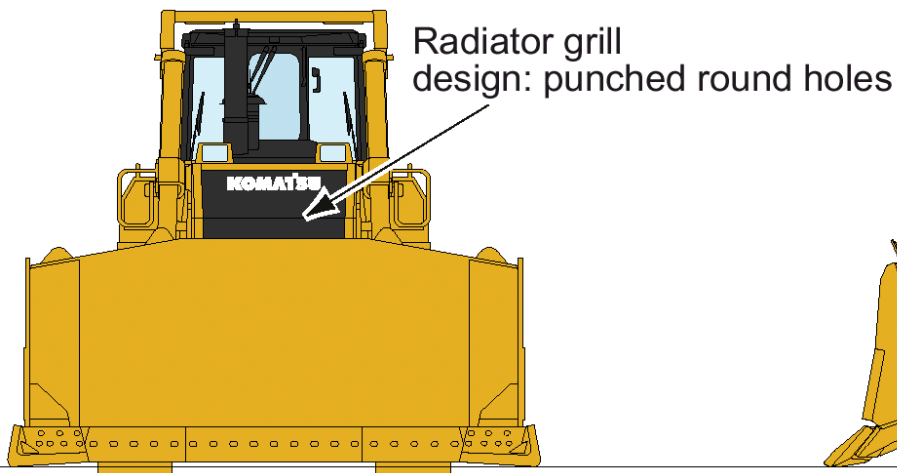
FVDM0815



KAB seat

**Fore-and-aft adjustment lever
200mm.(10stages)**

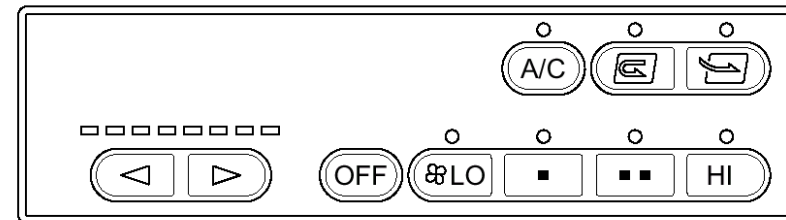
AIR CONDITIONER



Item	Model	Komatsu D155AX-5 (New)	Komatsu D155AX-5 (Current)	CAT D8R-II
Ambient noise level at 15 m (16.4yd)	dB (A)	77.0	79.5	81.5

★ Large Capacity Air Conditioner (optional)

Large capacity air conditioner utilized for comfortable operation even in extreme cold or extreme heat environments

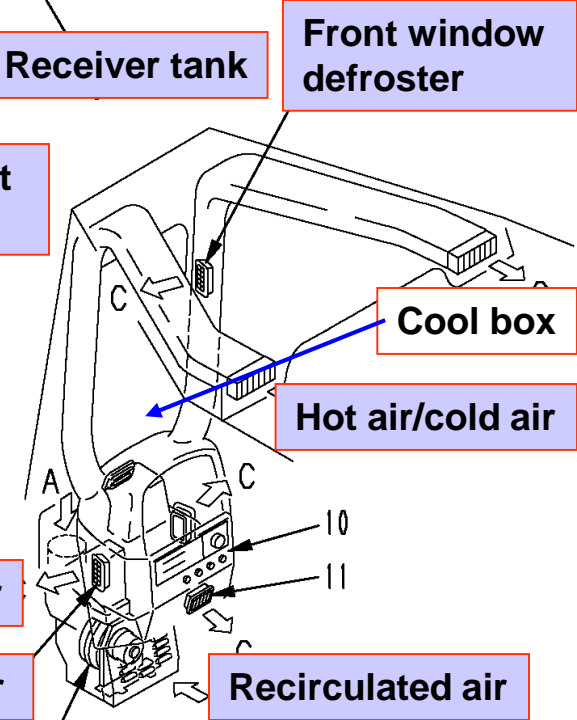
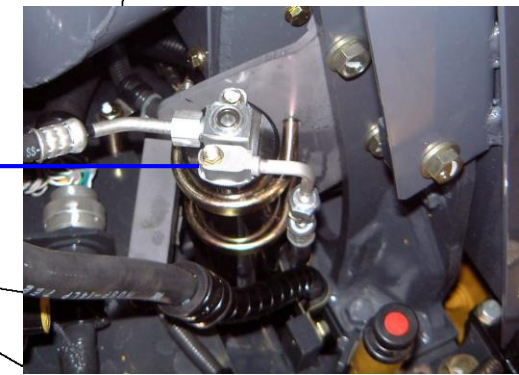
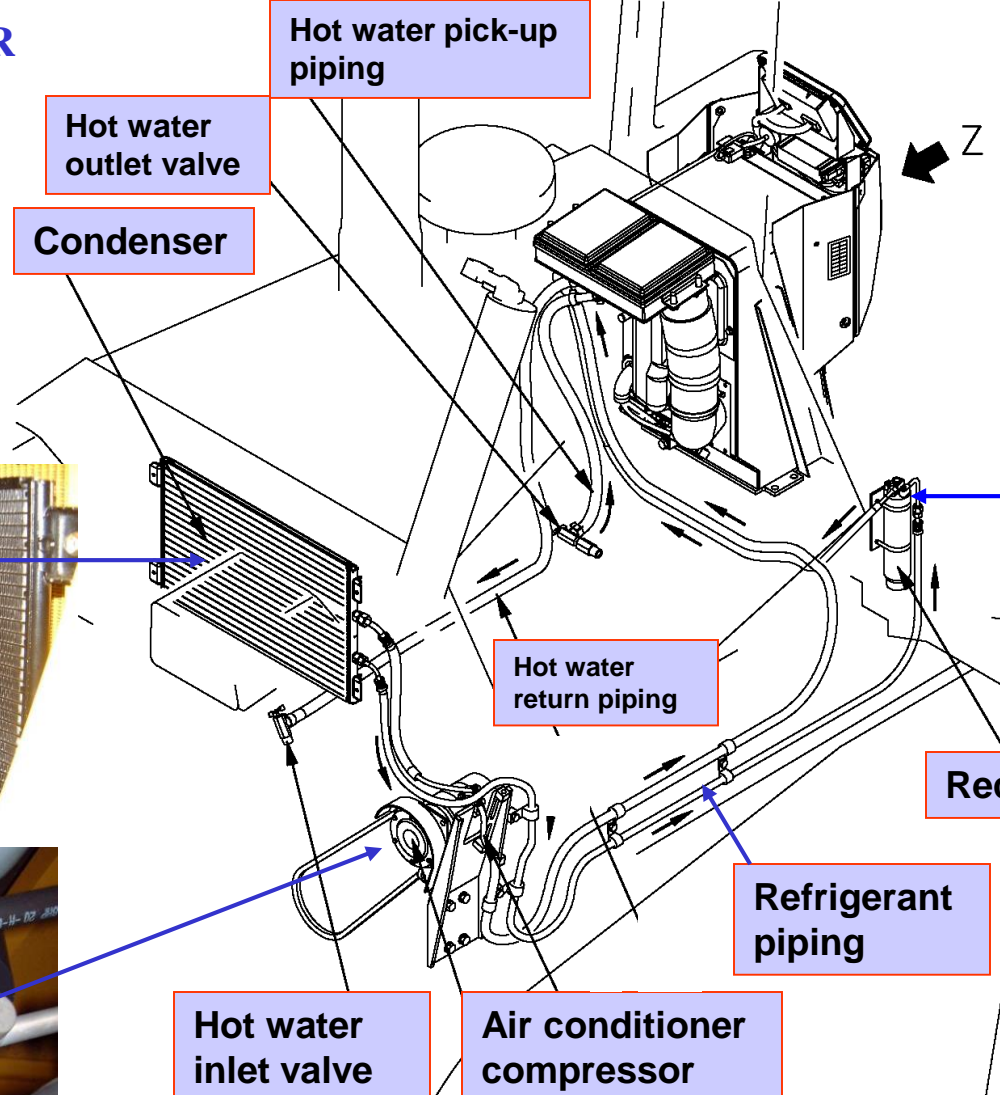
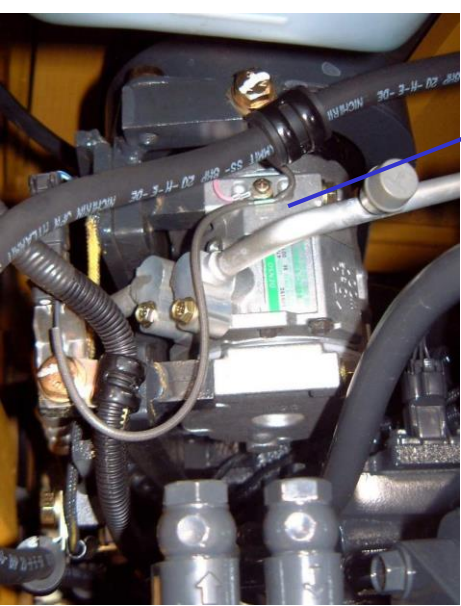


Air Conditioner Control

FVDM1231

Item	Model	D155AX-5 (New)	D155AX-5 (Current)	D8R-II
Cooling capacity, SAE		7,200 kcal/h (28,570 Btu)	5,440 kcal/h (22,220 Btu)	7,500 kcal/h (29,760 Btu)
Heating capacity, SAE		7,150 kcal/h (28,370 Btu)	6,370 kcal/h (20,630 Btu)	9,600 kcal/h (38,090 Btu)
Type of control panel		Touch panel	Dial type	Dial type

AIR CONDITIONER

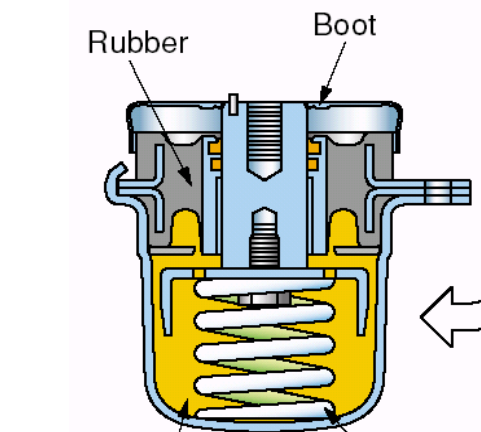


Comfortable Ride with New Cab Damper Mounting

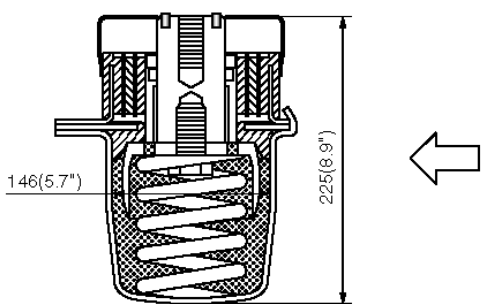
Cab Damper Mount provides excellent shock and vibration absorption capacity with its long stroke.

The soft spring cab damper isolates the cab from machine body, suppressing vibrations and providing a quiet, comfortable operating environment.

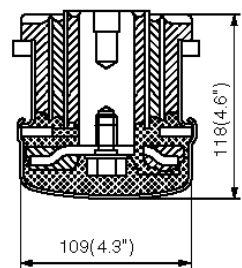
Cab Damper Mount



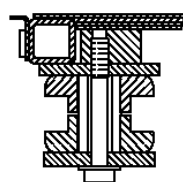
D155AX-5B



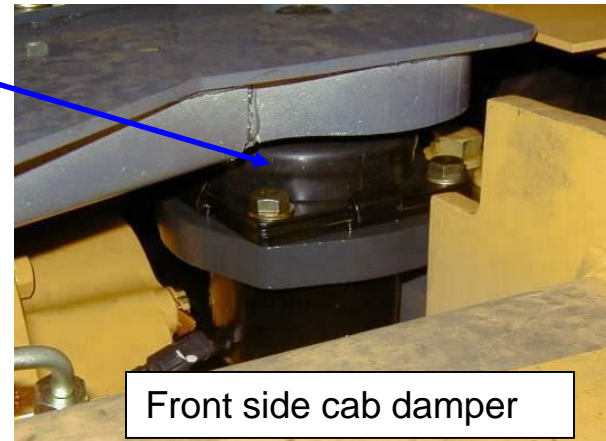
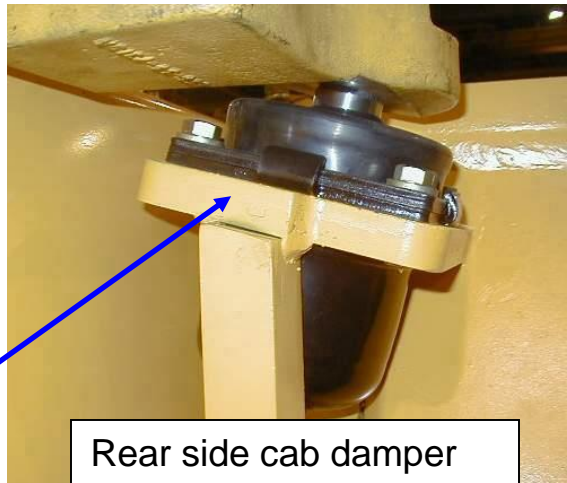
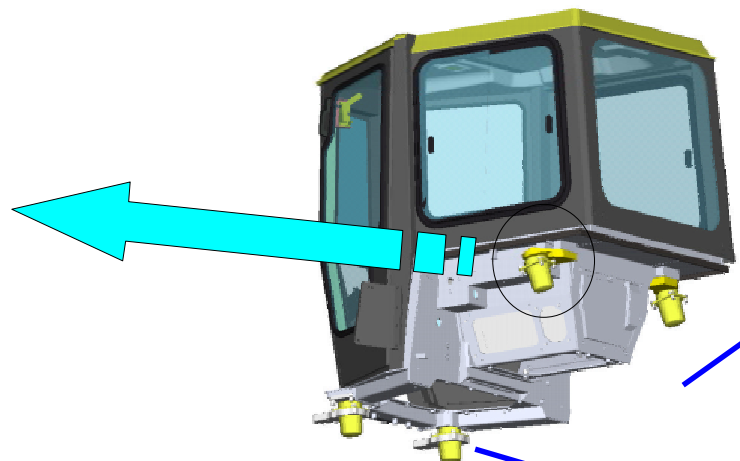
D155AX-5A



D8R

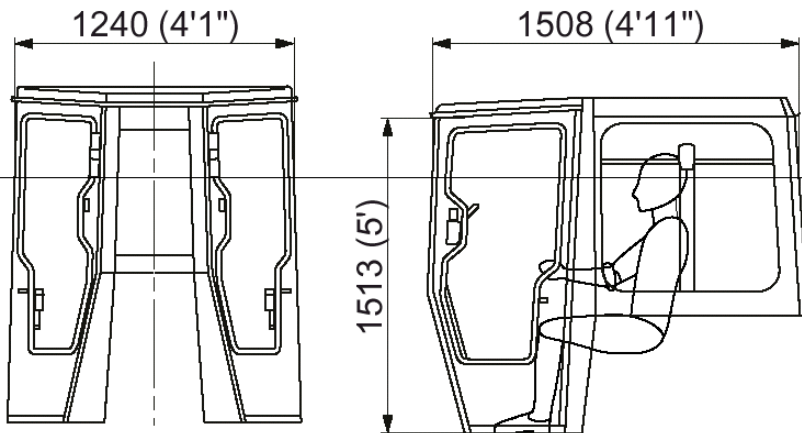


FVDM0910



	D155AX-5 (New)	D155AX-5 (Current)	D8R-II
Type of undercarriage	Low drive, X-bogie	Low drive, X-bogie	High drive, resilient bogie
Mount method	Cab damper mount	Viscous mount	Rubber mount

Deluxe cab



D155AX-5

Front visibility

D8R



Rear visibility

Item	Model	D155AX-5 (New)	D155AX-5 (Current)	D8R-II
Noise level at operator's ears	dB (A)	77	82	79

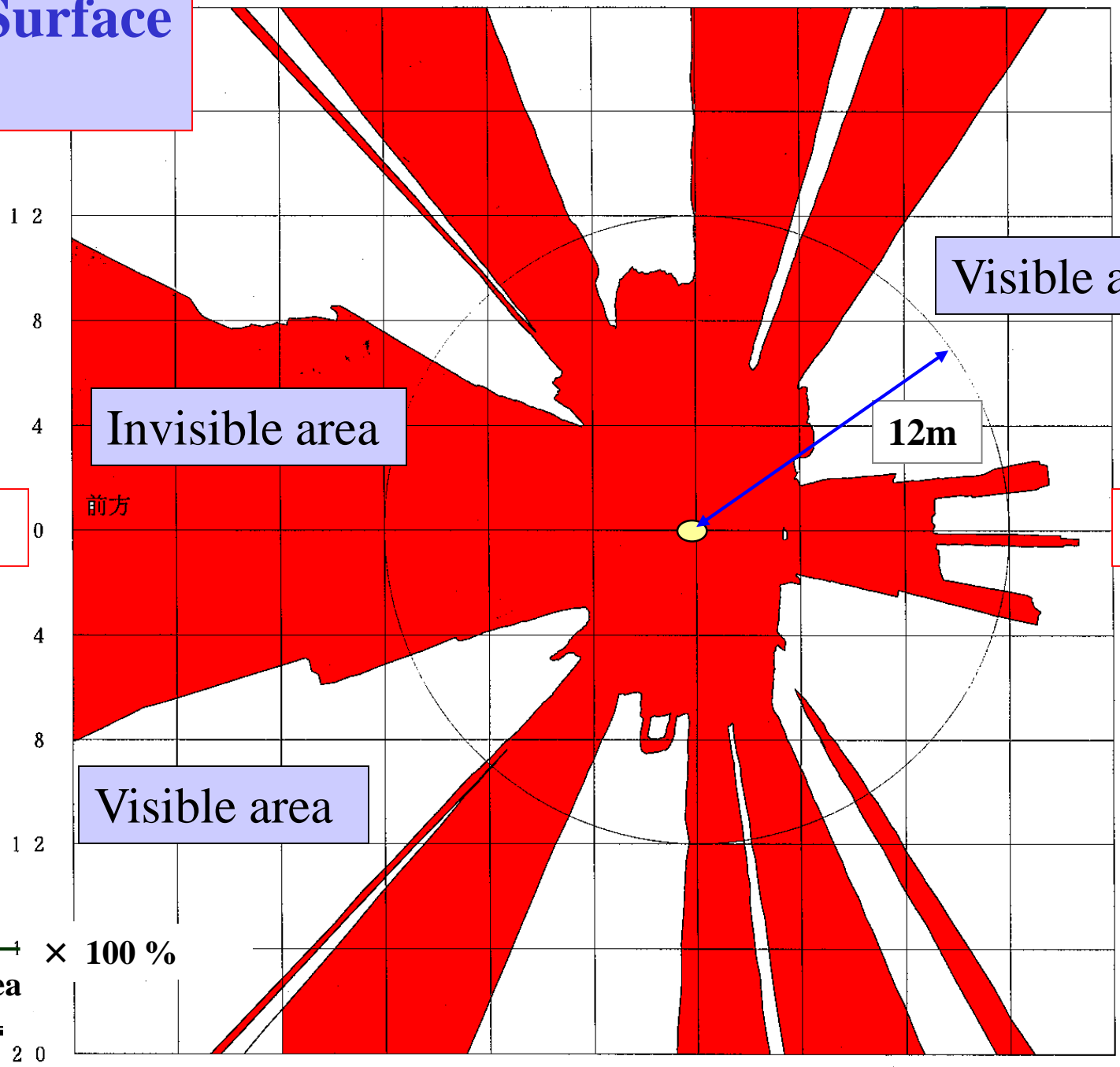
Item	Model	D155AX-5 (New)	D155AX-5 (Current)	D8R-II	Remarks
Width		*1240 (4'1")	*1124 (3'8")	*1191 (3'11")	*: At eye height
Front-to-rear length		*1682 (5'6")	*1591 (5'3")	*1649 (5'5")	*: At eye height
Height		1513 (5')	1563 (5'2")	1450 (4'9")	Height of ceiling from floor
Volume of cab		3.20 m ³ (4.17 yd ³)	2.90 m ³ (3.79 yd ³)	3.17 m ³ (4.15 yd ³)	
Visible area ratio		57%	54%	44%	

Ground Surface Visibility

Example

Front

Rear



Invisible area

Visible area

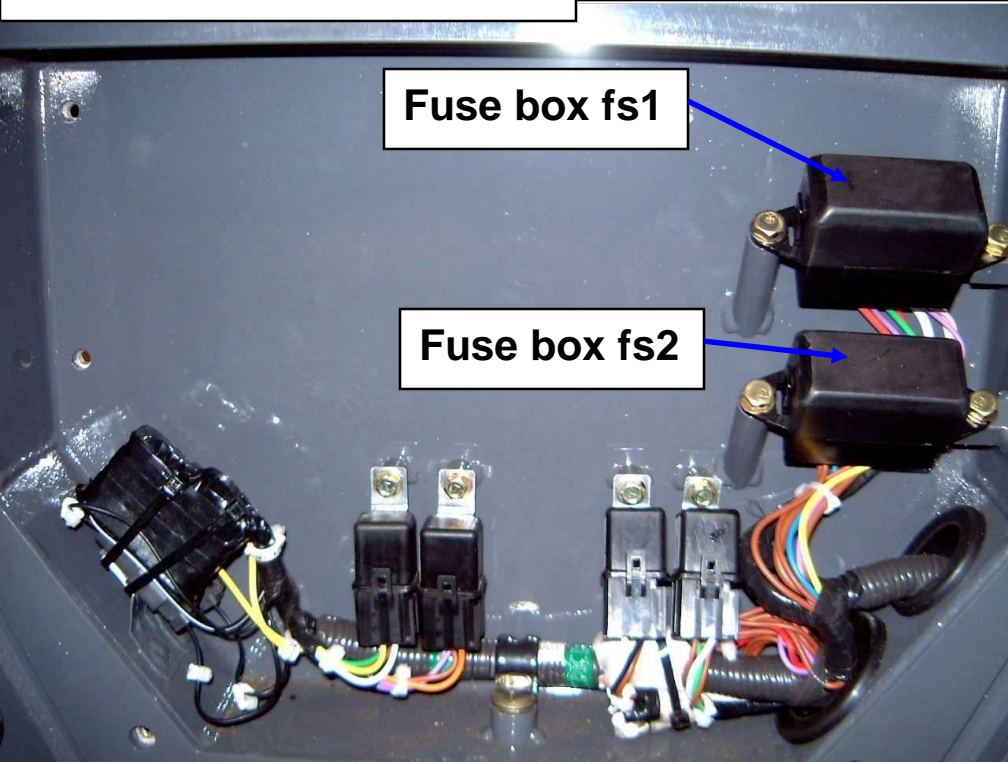
12m

Visible area

Visible area
12 m Radius Area

× 100 %

FUSE BOX



(1) Fuse box fs1

NO.	Fuse capacity	Circuit
1	30A	Additional heater, Spare power source
2	20A	Horn, Ribbon heater
3	20A	Head lamp
4	20A	Rear lamp
5	20A	Transmission Steering controller

(2) Fuse box fs2

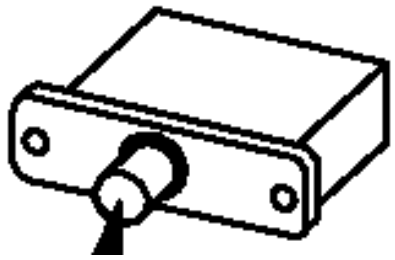
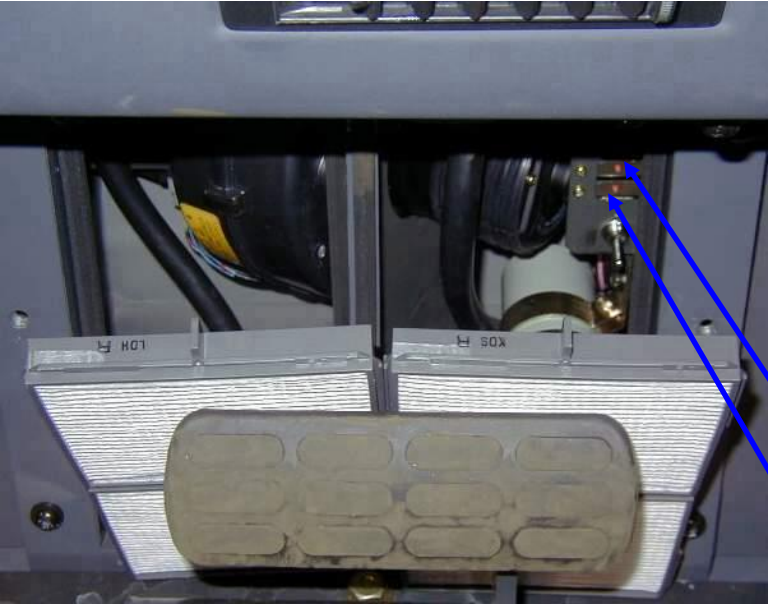
NO.	Fuse capacity	Circuit
1	15A	Monitor panel
2	20A	Fuel pump
3	30A	Air conditioner
4	20A	Backup alarm, pin puller
5	30A	Battery power source (direct from battery)



FUSE BOX II

No.	Fuse capacity	Circuit
(1)	10A	Radio memory
(2)	20A	Radio, lamp, cigarette lighter
(3)	20A	Heated wire glass (If equipped)
(4)	10A	Rear wiper
(5)	10A	Front wiper
(6)	10A	Left and right door wiper

CIRCUIT BREAKER



When abnormality occurs, this portion protrudes. Push this button and circuit is restored.

No	Fuse capacity	Circuit
(1)	20A	Starting switch
(2)	20A	Air conditioner

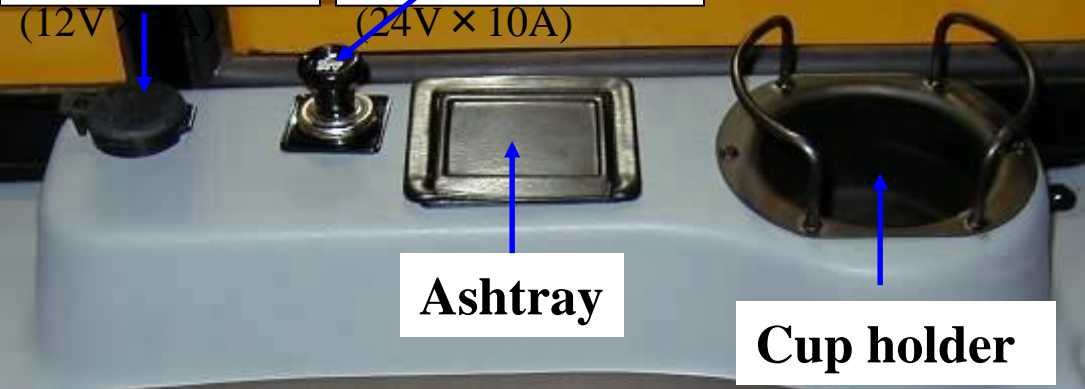
The circuit breaker is a device installed in electric circuits where a large current flows. It is installed to protect the electric circuit. It protects the electric components and wiring from damage caused by an abnormal current in the same way as a normal fuse. After repairing and restoring the location of the abnormality, there is no need to replace the breaker, It can used again.

Auxiliary socket

Cigarette lighter socket

60W
(12V)

120W
(24V × 10A)



Ashtray

Cup holder

Cooler box



Air conditioner duct (At ceiling)



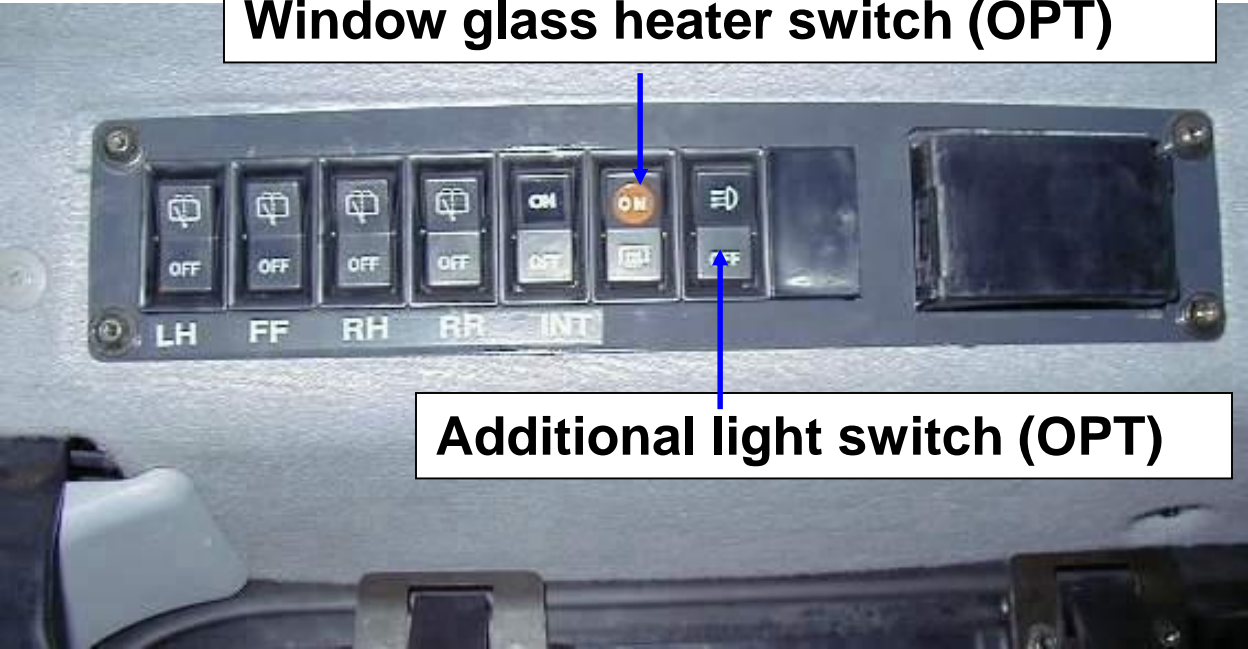
Window glass heater (OPT)



Window glass heater switch (OPT)



Additional light switch (OPT)



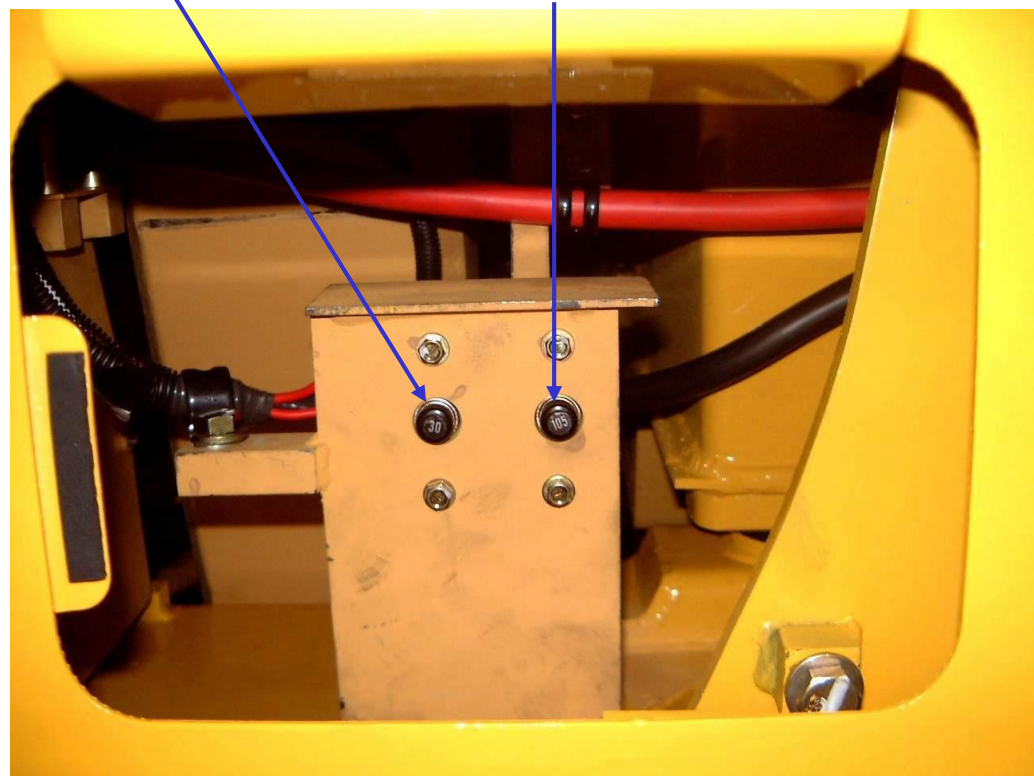
CIRCUIT BREAKER FOR MAIN POWER SUPPLY

- If the starting motor is not actuated when the starting motor is turned ON, open the battery cover inspection window at the rear left of the machine and inspect circuit breakers (A) and (B). (A) and (B) also act as the reset button.
- If there is a surge of current, the circuit breaker shuts off the circuit to protect the electrical components and wiring from damage.



30A: for regular cab power supply

105A: for general power supply



- Turn the ignition switch to the OFF position and reset the circuit breaker.
- When resetting the electrical circuit after it has been shut off, press the reset button 5 - 10 minutes after the circuit has been shut off. When the electrical circuit has been shut off, the operation of the reset button is heavier than when the circuit is normal. The height of the reset button is the same, regardless of whether the circuit has been shut off or has been reset, so check the operating effort of the reset button when resetting the circuit.
- Do not keep the circuit breaker reset button pressed.
- If the starting motor does not work even when the circuit breaker has been reset, contact your Komatsu distributor.

