

# **Operation & Maintenance Manual**

# **D375A-5**

## **RADIO CONTROL SPECIAL SMALL ELECTRIC POWER SPECIFICATION**

**This manual describes only Radio control. Please refer to this manual and D375A-5 Operation and Maintenance Manual for bulldozer.**

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# SAFETY

- This safety section gives the basic precautions.
- For details of the safety precautions for the overall machine, follow the Operation and Maintenance Manual for the standard machine.

## **WARNING**

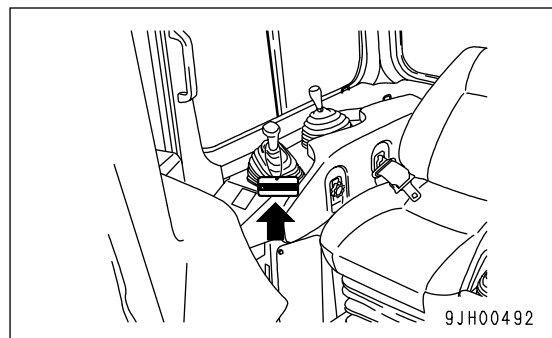
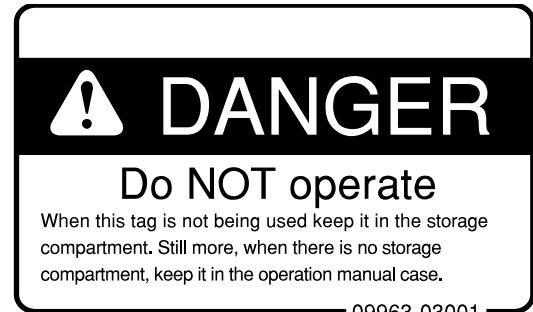
**Please read and make sure that you fully understand precautions described in this manual and the safety labels on the machine. When operating or servicing the machine, always follow these precautions strictly.**

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## 7. PRECAUTIONS FOR OPERATION

### BEFORE STARTING ENGINE

If there is a warning tag hanging from the work equipment control lever, do not start the engine or touch the levers .



### CHECKS BEFORE STARTING ENGINE

Carry out the following checks before starting the engine at the beginning of the day's work.

- Completely remove all flammable materials accumulated around the engine and battery, and remove any dirt from the windows, mirrors, handrails and steps.
- Remove all dirt from the surface of the lens of the front lamps and working lamps, and check that they light up correctly.
- Check the coolant level, fuel level, and oil level in engine oil pan, check for clogging of the air cleaner, and check for damage to the electric wiring.
- Adjust the operator's seat to a position where it is easy to carry out operations, and check that there is no damage or wear to the seat belt or mounting clamps.
- Check that the gauges work properly, check the angle of the lights and working lamps, and check that the control levers are all at the neutral position.
- When starting the engine, check that the parking lever and safety lock lever are at the LOCK position.
- Adjust the mirrors so that you can get a good rear-view from the operator's seat.
- For the details of adjustment, see "ADJUST MIRROR".
- Check that there are no persons or obstacles above, below, or in the area around the machine.

### 9.1.4 OPERATION METHOD FOR SSC MODE SELECTION USING RADIO CONTROL

#### ⚠ CAUTION

Check that the radio control can be operated (yellow rotating lamp is flashing).

#### Selecting dozing mode

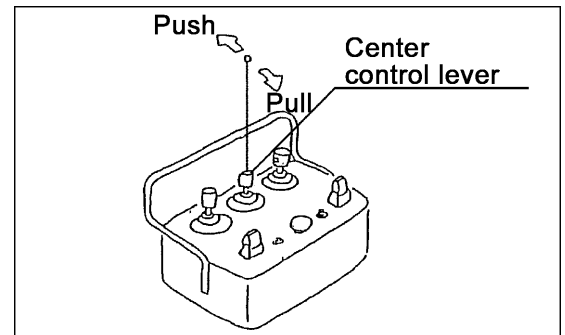
1. Each time the center control lever is pulled back fully, the mode is switched as follows.

Lock-up mode ON → lock-up mode OFF (normal) → economy mode 1 → economy mode 2

2. Each time the center control lever is pushed forward fully, the mode is switched as follows.

Economy mode 2 → economy mode 1 → lock-up mode OFF (normal) → lock-up mode ON

3. In the condition in Step 1 or Step 2, each time the horn button is pressed, the horn will sound and the reverse slow mode will be switched ON/OFF.



#### REMARK

- When carrying out the operation in Step 2, if the mode is switched lock-up mode OFF (normal) → lock-up mode ON, the reverse slow mode is automatically turned OFF.
- When each mode is switched, the horn sounds for 1 second and all the rotating lamps light up.
- For details of each mode, see the Operation and Maintenance Manual for the standard machine.

#### Selecting ripping mode

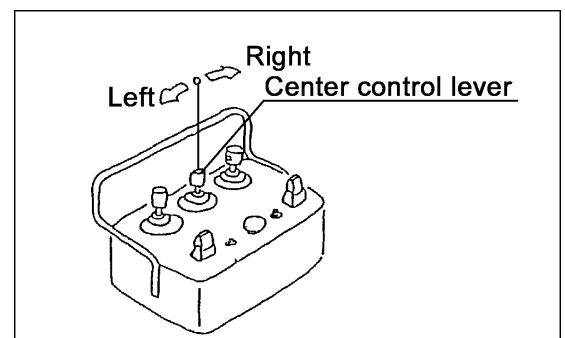
1. Each time the center control lever is operated fully to the left, the mode is switched as follows.

Mode 5 → mode 4 → mode 3 → mode 2 → mode 1 → mode OFF

2. Each time the center control lever is operated fully to the right, the mode is switched as follows.

Mode OFF → mode 1 → mode 2 → mode 3 → mode 4 → mode 5

3. In the condition in Step 1 or Step 2, each time the button at the top of the center control lever is pressed, the reverse slow mode will be switched ON/OFF.



#### REMARK

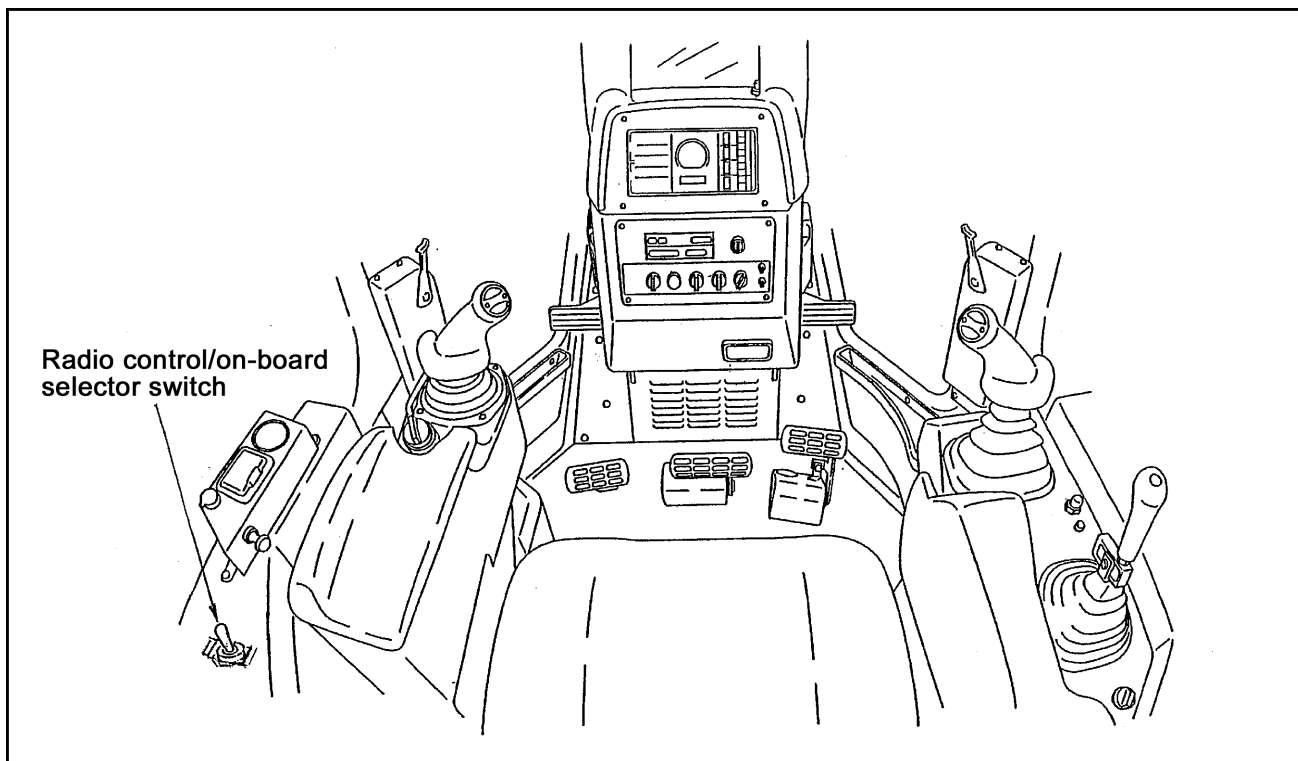
- When carrying out the operation in Step 2, if the mode is switched mode OFF → mode 1, the lock-up mode is automatically turned OFF.
- When each mode is switched, the horn sounds for 1 second and all the rotating lamps light up.
- For details of each mode, see the Operation and Maintenance Manual for the standard machine.

**⚠ WARNING**

If the following procedures are not followed, the machine may suddenly start on slopes.

**NOTICE**

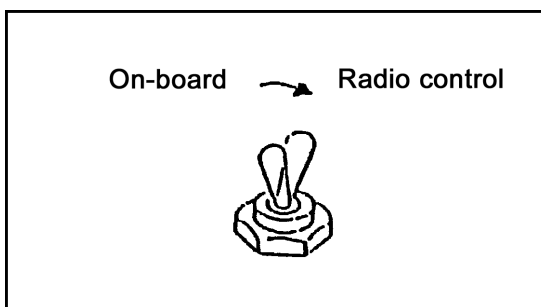
In cold weather, preheating must be carried out before the engine is started. This operation cannot be carried out by radio control, so carry out the preheating manually.



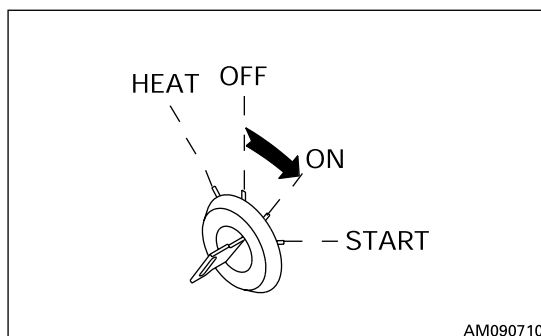
- 1. Set the radio control/on-board selector switch to the RADIO CONTROL position.

Radio control operation: Operate switch to inside of machine

On-board operation: Operate switch to outside of machine



- 2. Set the fuel control dial to the MIN position. Set the travel lever to the N position.
- 3. Turn the starting switch to the ON position. If any error is displayed, check the cause.



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