TEN00653-01

# Operation & Maintenance Manual

BULLDOZER

**D65EX -18**
**D65PX -18**
**D65WX -18**

SERIAL NUMBERS 90001 and up

**WARNING**

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

**NOTICE**

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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- When the maintenance time caution lamp is lit on the standard screen, press switch F6 on the standard screen and the screen automatically displays the "Maintenance" screen.
- On the "Maintenance" screen, if the time remaining to the maintenance for any item is less than 30 hours (initial setting value), the remaining time display (c) is highlighted in yellow. If the time remaining to the maintenance is less than 0 hour, display (c) is highlighted in red.
- If you want to change the setting for the maintenance time or maintenance notice time (initial setting: 30 hours), consult your Komatsu distributor.

## Operations on the "Maintenance Due Time Reset" screen

On the "Maintenance" screen, if switch F6 is kept pressed for at least 1.5 seconds, the screen changes to the "Maintenance Due Time Reset" screen.

Reset the remaining time to the maintenance on this screen.

1. Press switch F6 on the "Maintenance Due Time Reset" screen.

   The screen switches to the reconfirmation screen.

   **REMARK**

   - When canceling the reset, press switch F5. The screen returns to the "Maintenance" screen.
   - On the "Maintenance Due Time Reset" screen, if no switch is operated for more than 30 seconds, the screen automatically changes to the "Maintenance" screen.

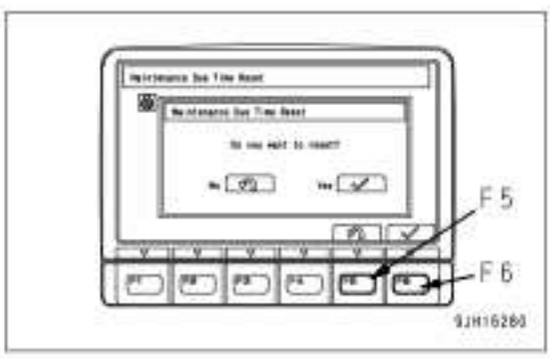



2. The reconfirmation screen is displayed.

   If switch F6 is pressed again, the remaining time is reset and the screen switches to the "maintenance" screen.

   **REMARK**

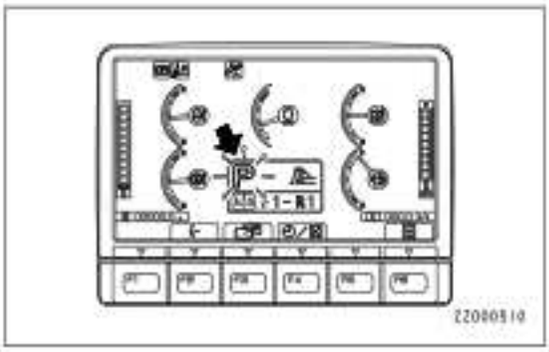
   - When canceling the reset, press switch F5. The screen returns to the "Maintenance" screen.
   - On the reconfirmation screen, if no switch is operated for more than 30 seconds, the screen automatically returns to the "Maintenance" screen.






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If joystick (steering, directional and gear shift lever) (2) is in F or R, the letter "P" on gear speed display will flash.



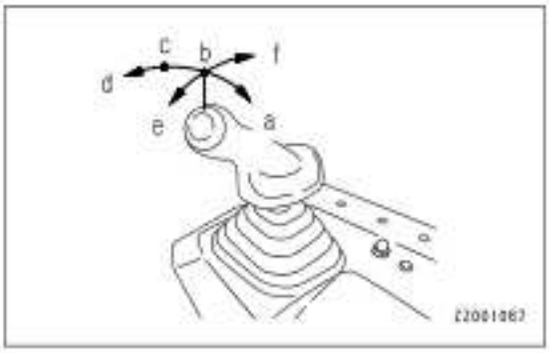
4. Lower the blade to the ground.

   For blade operation, see "BLADE CONTROL LEVER (3-102)".

5. Check that blade control lever (3) is in HOLD position (b).

6. Lower the ripper to the ground.

   For ripper operation, see "RIPPER CONTROL LEVER (3-110)".




7. Check that work equipment lock lever (4) is in LOCK position (L).

   If work equipment lock lever (4) is not in LOCK position (L), the engine cannot be started.

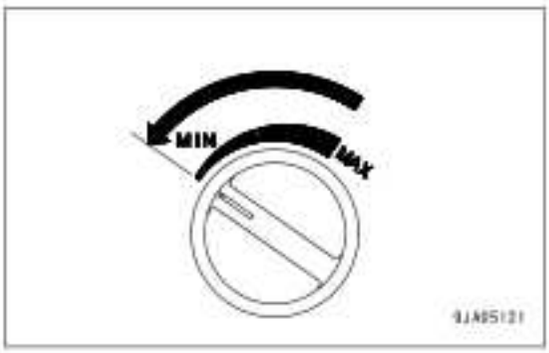



8. Turn fuel control dial (2) to Low idle (MIN) position.

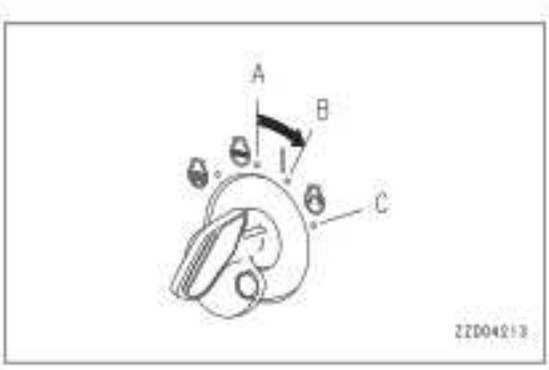
   When the dial is in High idle (MAX) position, be sure to set it to Low idle (MIN) position.

   **REMARK**

   Even if the engine is started with the fuel control dial in a position other than Low idle (MIN) position, the engine speed is set to low idle.
   You can change the engine speed by turning the fuel control dial to Low idle (MIN) position and then turning it toward high idle (MAX) position.




9. Insert the key into starting switch and turn it to ON position (B).






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## TRANSPORTATION

When transporting the machine, observe all related laws and regulations, and be careful to assure safety.

## TRANSPORTATION PROCEDURE

As a basic rule, always transport the machine on a trailer.

When selecting the trailer, refer to the weight and dimensions shown in "SPECIFICATIONS (6-14)".

Note that the mass and dimensions for transportation shown in "SPECIFICATIONS" depend on the types of shoe, blade, etc.

The 3 m wide blade of this machine can be folded to reduce its width to 3 m (9 ft 10 in) for transportation.

## METHOD FOR FOLDING BLADE

**⚠ WARNING**

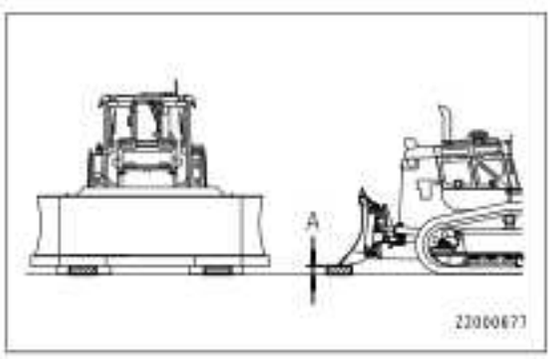
**When folding or unfolding the blade, observe the following items.**

- **Place the machine on a firm and level place.**
  **Do not park the machine on a slope.**
- **Place blocks 65 mm (2.6 in) high under the right and left ends of the center blade and set the blade in a proper condition for folding or unfolding it.**
- **If the control levers are touched by mistake, the machine may suddenly move, and this may lead to a serious accident. Before folding or unfolding the blade, stop the engine and securely set the work equipment lock lever and parking brake lever to their LOCK positions.**
- **When folding or unfolding the blade, stop the machine on a level place. If you remove the offset pin on a slope, the folding blade may turn and you may be caught between the blade and track shoe.**

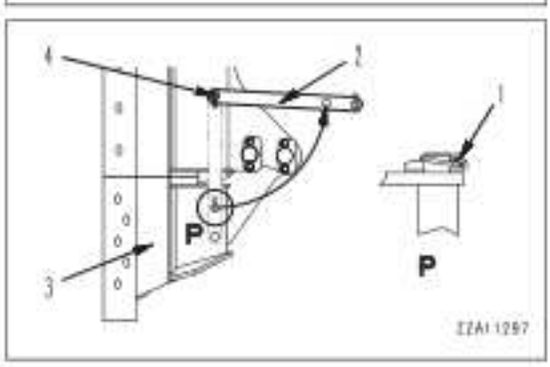
**⚠ CAUTION**

**Do not tilt or angle the blade when it is folded. If you do so, the blade will interfere with the U-frame step.**

1. Stop the machine on a level ground.
2. Raise the blade and set it in parallel with the machine.
3. Place blocks 65 mm (2.6 in) high (A) under the right and left ends of the center blade.
4. Lower the blade slowly and set it on the blocks.




5. Remove lock pins (1) from both ends of folding blade (3).
6. Remove lock plates (2) from right and left folding blades (3).
7. With center pin (4) installed to the center blade, rotate lock plate (2) backward approximately 100 °.






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