TEN00776-00

Operation & Maintenance Manual

WHEEL LOADER **WA200-8**

SERIAL NUMBERS 85001 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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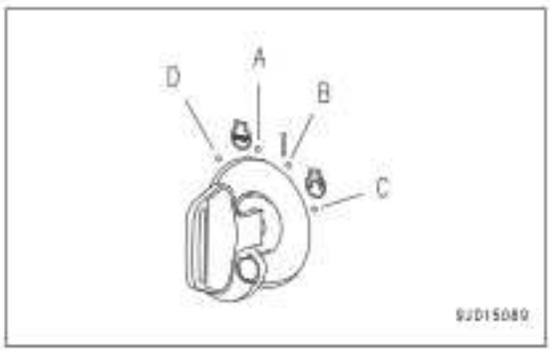
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(4) Speed range selector switch
(5) Hazard lamp switch
(6) Horn switch
(7) Lamp switch
(7) Turn signal lever
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(8) Parking brake switch
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(24) Travel speed control dial
(25) Traction control switch
(26) Directional selector switch actuation switch
(27) Attachment selector switch (if equipped)
(28) 2-stage low idle switch

STARTING SWITCH

Starting switch is used to start or stop the engine.



(A): OFF position

The key can be removed from the starting switch, the electrical current to the electrical system is cut, and the engine stops. In addition, the parking brake is applied automatically.

(B): ON position

Electric current flows through the charging and lamp circuits. Keep the switch at this position while the engine is running.

When the ambient temperature is low during engine startup, the engine preheating pilot lamp lights up and engine preheating starts automatically.

This preheating time depends on the ambient temperature during engine startup.

When the engine preheating pilot lamp lights up, wait for a while. When it goes out, then turn the starting key to the START position.

(C): START position

This is the position to start the engine. Hold the key at this position while cranking the engine. Release your hand off the key immediately after the engine has been started. The key returns to ON position (B).

(D): Manual preheat position

In cold weather, you can increase the engine preheating time longer than the automatic preheating time. To increase it, turn the starting switch key to this position.

When you release your hand, the switch returns to position (A). Immediately turn the key to position (C) and start the engine.

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METHOD FOR CHECKING AND INFLATING TIRE

⚠ WARNING

- **When pumping up the tires, check that no other person is standing near the tire, and install an air chuck with a clip that can be secured to the air valve.**
- **To prevent the tire inflation pressure from becoming too high, measure the pressure from time to time with an air gauge while pumping up the tire.**
- **When it is inflated, the rim parts may fly out, if they are not fitted properly.**
  Put a fence around the tire for protection. The worker must not stand in front of the rim but must stand on the tread side during work.
- **Abnormal drop of inflation pressure and abnormal fitting of the rim indicate a trouble in the tire or rim. In this case, be sure to ask a tire repair shop for repair.**
- **Be sure to observe the specified inflation pressure.**
- **Do not adjust the tire inflation pressure immediately after traveling at high speed or operating under heavy load.**

Check the tire inflation pressure before starting work while the tires are cold.

When inflating a tire, use an air chuck which can be fixed to the air valve of the tire as shown in the figure.

Do not work in front of the rim but work on the tread side of the tire.



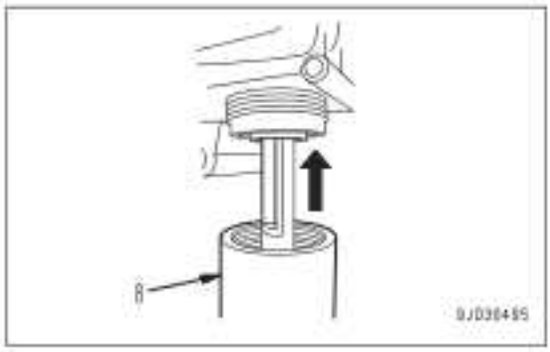
1. Measure the inflation pressure with a tire inflation pressure gauge.
2. Adjust the inflation pressure properly.
   The proper inflation pressure is shown below.

	Tire size	Standard inflation pressure
Bias	17.5-25-12PR	Front wheel: 300 kPa {3.0 kg/cm^2, 42.7 PSI} Rear wheel: 300 kPa {3.0 kg/cm^2, 42.7 PSI}
	20.5-25-12PR	Front wheel: 280 kPa {2.8 kg/cm^2, 39.8 PSI} Rear wheel: 280 kPa {2.8 kg/cm^2, 39.8 PSI}
Radial	20.5R25☆ (L3 Rock)	Front wheel: 350 kPa {3.5 kg/cm^2, 49.8 PSI} Rear wheel: 350 kPa {3.5 kg/cm^2, 49.8 PSI}

Appropriate inflation pressure varies depending on the given type of work. For details, see "TIRE PRESSURE".

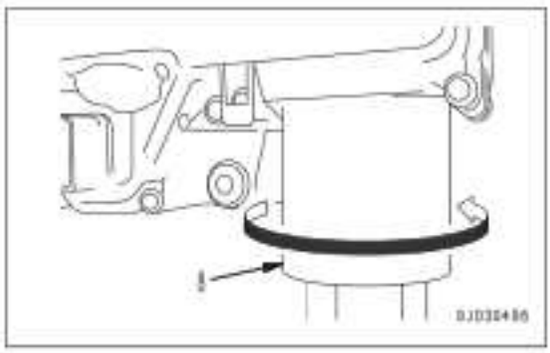
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6. Insert the filter removal tool (8) into the lower part of the DEF pump and thrust in by hand.



7. Check that the filter removal tool (8) is fully inserted to the end.

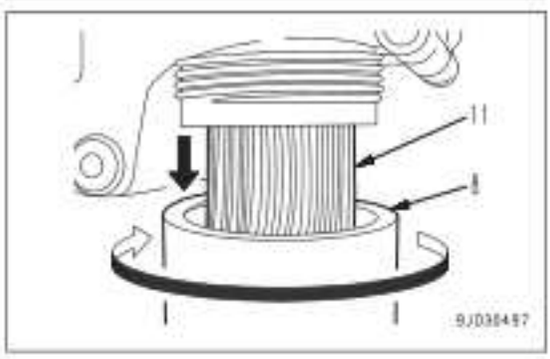
   Insert the filter removal tool (8) to the end where you cannot thrust it in any further.



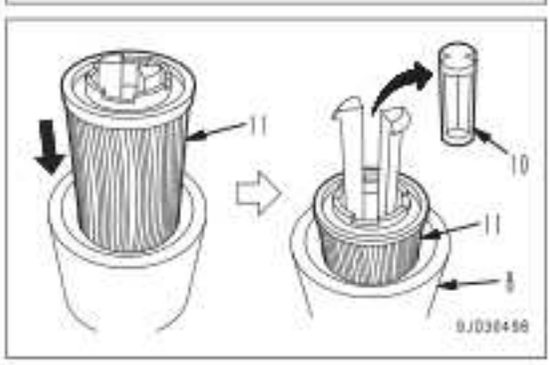
8. Turn the filter removal tool (8) in reverse, and remove the filter (11).

   Filter (11) is removed and you can take it out together with the filter removal tool (8).

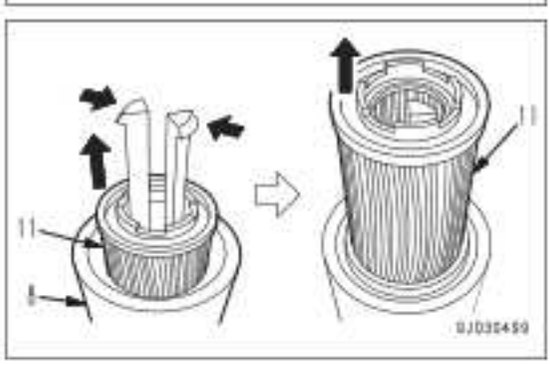
   If filter (11) cannot be removed from the DEF pump, grip the filter removal tool (8), pull it down, then it will be removed.



9. Slide the filter (11) down, and remove the spacer (10) from the filter removal tool (8).



10. Pull the filter (11) up while pushing in the tip of filter removal tool (8), and remove it.
11. Return the removed spacer (10) to the filter removal tool (8), and keep them.
12. Insert a new filter and a new element into the lower part of DEF pump, and lightly tighten them with hand.



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