TEN00683-01

Operation & Maintenance Manual

BULLDOZER

D85EX -18
D85PX -18

SERIAL NUMBERS 22001 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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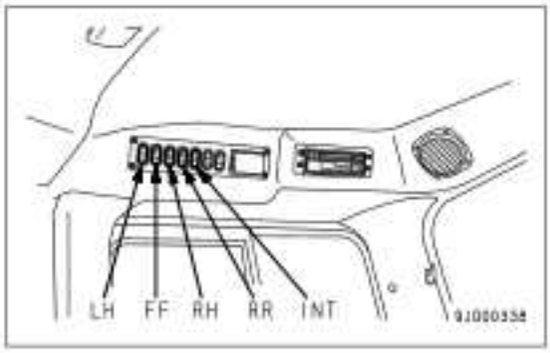
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WIPER SWITCH



The wiper switch operates the windshield wiper.

The wiper switches are as follows.

(LH) Left door

(FF) Front window

(RH) Right door

(RR) Rear window

(INT) Wiper intermittent operation switch

REMARK

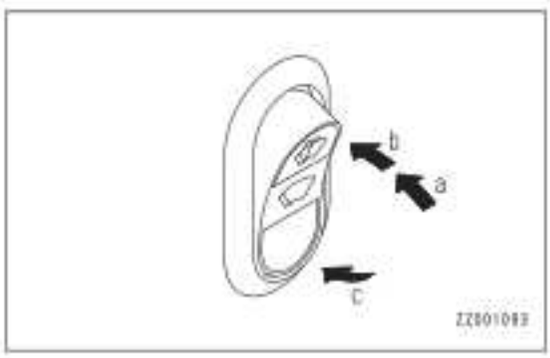
If the wiper blade is locked for some reason, the wiper stops automatically.
The wiper starts again automatically after a certain period. Be sure to remove the cause of stop, however.
Examples of causes of stop

- Long operation while glass is half dry
- Foreign material caught in arm or blade
- Snow or ice sticking to arm or blade

This switch is also used as the window washer switch.

The switch is operated as follows.

Switches (LH), (FF), (RH), and (RR)



(a) ON position

The wiper operates.

(b) Washer operating position

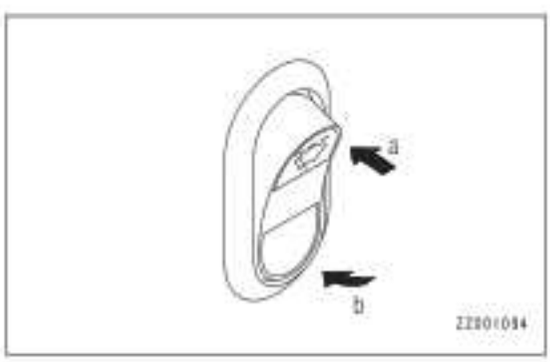
While the switch is depressed, the washing water is sprayed and wiper operates at the same time.

When the switch is released, it returns to (a) position, washing water stops, and only wiper operates.

(c) OFF position

The wiper stops.

Switch (INT)



(a) ON position

The wiper operates intermittently when the switch is turned ON.

(b) OFF position

The wiper operates continuously when the switch is turned OFF.

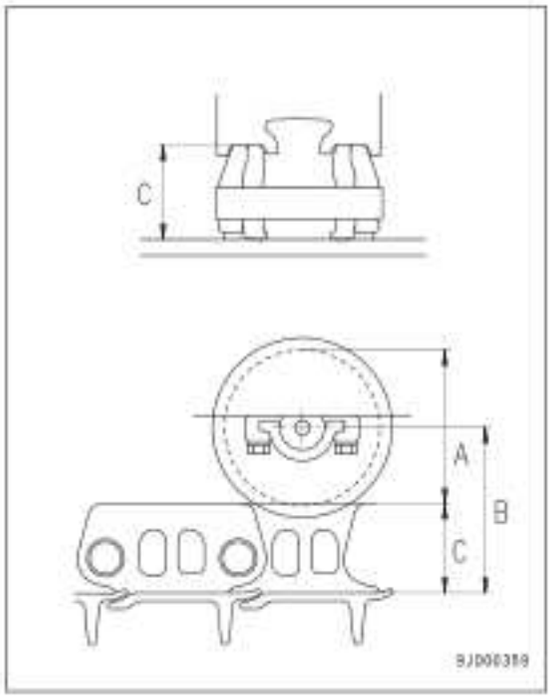
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METHOD FOR MEASURING TRACK ROLLER DIAMETER

1. Measure the link tread (dimension C) as shown in the figure.
2. Stop the machine at a position where the link tread, at which dimension C was measured, is perfectly in contact with the roller tread.
3. Measure dimension B.
4. Calculate outside diameter of the tread (dimension A).

   A = (B - C) x 2

   - Standard dimension (h): 222 mm {8.7 in}
   - Repairable limit: 182 mm {7.2 in}



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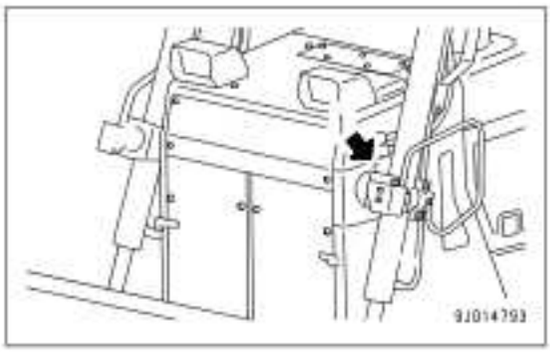
EVERY 250 HOURS MAINTENANCE

METHOD FOR LUBRICATING

METHOD FOR LUBRICATING LIFT CYLINDER SUPPORT SHAFT

1. Lower the blade until the idler is raised 1 to 2 cm {0.4 to 0.8 in} above the ground, and stop the engine.
2. By using a grease pump, pump in grease through the grease fittings.
3. Start the engine again, raise the blade 1 to 2 cm {0.4 to 0.8 in} above the ground, and stop the engine.
4. By using a grease pump, pump in grease through the grease fittings again.
5. After greasing, wipe off any old grease that is pushed out.

(1) Lift cylinder support shaft (2 places)



METHOD FOR LUBRICATING PARTS OTHER THAN LIFT CYLINDER SUPPORT SHAFT

1. Lower the blade to the ground and stop the engine.
2. By using a grease pump, pump in grease through the grease fittings.
3. After greasing, wipe off any old grease that is pushed out.

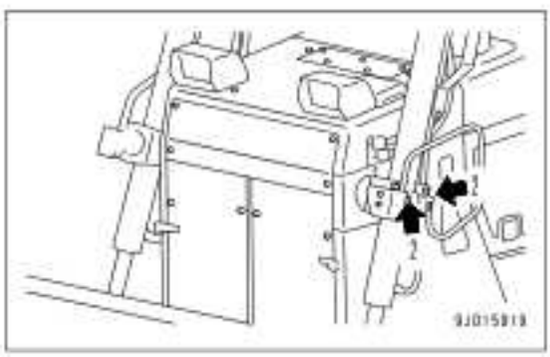
(2) Lift cylinder support yoke (4 places)

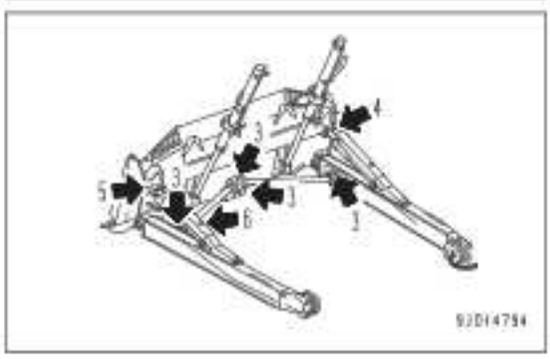
(3) Brace ball joint (4 places)

(4) Tilt cylinder ball joint (1 place) (right and left 2 places for machine with power tilt power pitch dozer specification)

(5) Tilt brace ball joint (1 place) (only for machine with straight tilt dozer specification)

(6) Tilt brace thread portion (1 place) (screw-adjustable)





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