TEN00693-01

Operation & Maintenance Manual

DUMP TRUCK

HD465-7E0
HD605-7E0

SERIAL NUMBERS HD465-11310 and up
HD605-11310

ecot3

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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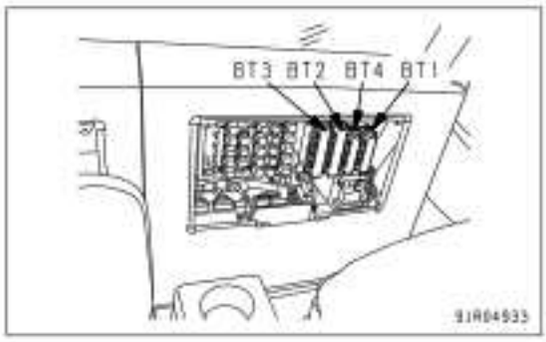
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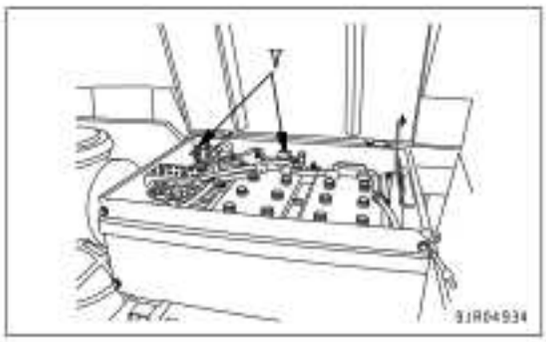
FUSES

NOTICE

- **When replacing any fuse, always replace it with a fuse of the same capacity and same type. If the capacity of the fuse is too low, the fuse will blow when the power is turned on; if it is too high, excessive current will flow in the circuit and this may damage the electrical equipment.**
- **When replacing the fuse, always turn the power off (turn the starting switch to the OFF position) before starting. If the new fuse is installed while the power is on, excessive current may flow and cause the fuse to blow again immediately.**

Fuses "BT1", "BT2", "BT3", AND "BT4" are inside the cover at the rear of the operator's seat; fuses "V" are inside the battery box.
If any problem occurs in the electrical system and excessive current flows, the fuse will blow to protect the electrical components and wiring. If the fuse blows, check the electrical components and wiring, repair the cause of the fuse blowing, then replace the fuse.
If any fuse is corroded or is covered in white powder, or there is looseness between the fuse and fuse holder, replace the fuse.



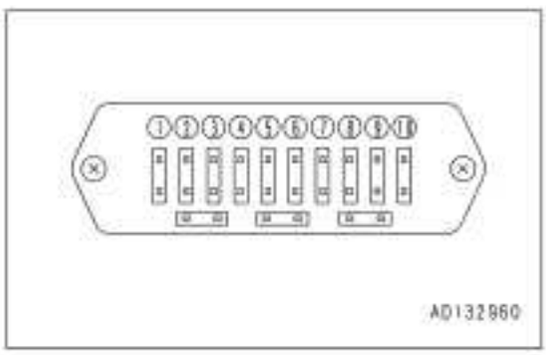


FUSE CAPACITY AND CIRCUIT NAME

The fuse capacity and name of circuit for the fuses in each fuse box are as follows.

Fuse box BT1

No.	Capacity	Name of circuit
(1)	10A	Main lamp, Small lamp
(2)	10A	Turn signal lamp
(3)	20A	Head lamp (low beam)
(4)	20A	Head lamp (high beam)
(5)	20A	Head lamp (low beam)
(6)	20A	Head lamp (high beam)
(7)	10A	Stop lamp
(8)	20A	Backup lamp
(9)	10A	Small lamp
(10)	20A	KOMTRAX Plus controller



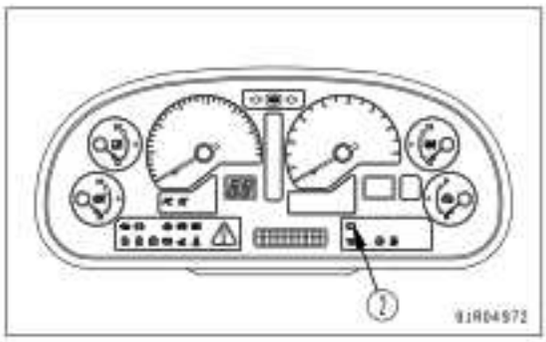
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4. Depressed the brake pedal fully.
5. Set the parking brake switch (4) to the TRAVEL position to release the parking brake.



REMARK
If the engine is stopped with the parking brake switch at TRAVEL, the parking brake will be applied automatically even though the parking brake switch is at TRAVEL. When starting the engine again, operate the parking brake switch to PARKING, and then move it back to TRAVEL to cancel the parking brake.

6. Check that retarder pilot lamp (2) is not lighted up, then set gear shift lever (3) to the desired position.



REMARK
When the gear shift lever is operated, if it is not placed securely in position, the shift position display on the panel may go out and the transmission system caution lamp may light up.

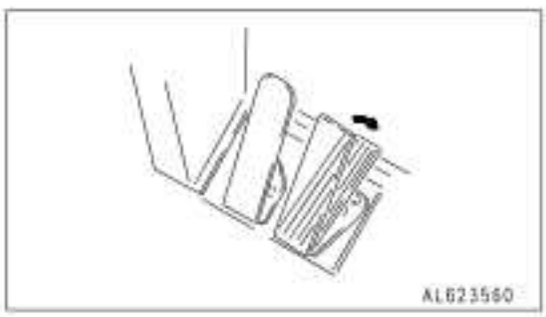
NOTICE
When shifting gear, if a sudden load is applied to the transmission, the service life of the machine will be reduced. Do not operate the gear shift lever with the accelerator pedal depressed.



⚠ WARNING

- **Never turn the starting switch key to the OFF position when the machine is traveling. If the engine stops when the machine is traveling, the steering will become heavy, so there is danger that this may cause mistaken operation of the steering, which may lead to serious personal injury. If the engine stops, depress the brake pedal immediately and stop the machine.**
- **When traveling, always maintain a suitable distance to avoid hitting people, structures, or other machines.**

7. Depress accelerator pedal (5) to move the machine off.



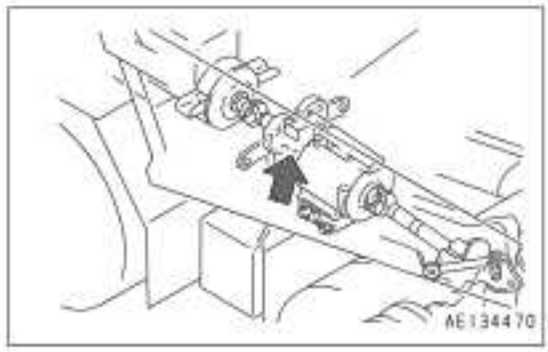
REMARK
- If the shift lever is shifted to a position other than N when the parking brake has not been released, the central warning lamp will flash and the alarm buzzer will sound.
- If the gear shift lever is shifted to a position other than N when the dump lever is at a position other than FLOAT or the body is raised, the central warning lamp will flash and the alarm buzzer will sound.

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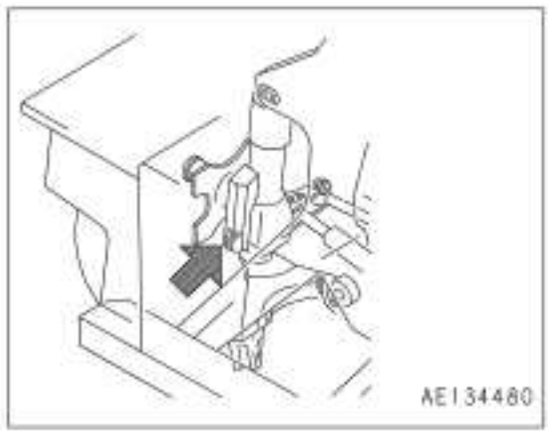
LUBRICATION

1. Stop the engine.
2. By using a grease pump, pump in grease through grease fittings marked by arrows.
3. After greasing, wipe off any old grease that was pushed out.

(1) Transmission mount (1 place)

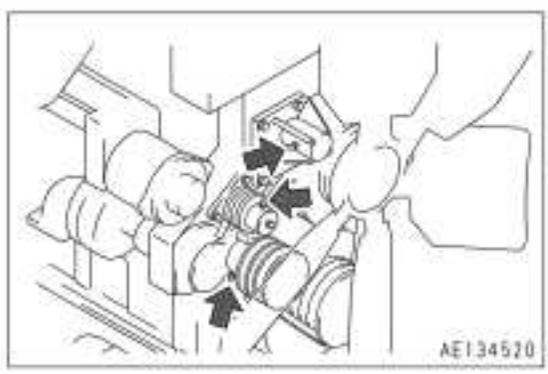


(2) Automatic suspension link (left and right: 1 place each)



(3) Tension pulley and fan pulley (3 places)
Pump in grease through the grease fitting until grease oozes out from the seal.

NOTICE
Do not use air pressure or oil pressure to perform high-pressure greasing.



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