CEAM009104

Operation & Maintenance Manual

KOMATSU®

WA480-6

WHEEL LOADER

SERIAL NUMBERS WA480-6 A47001 and up

ENGINE 6D125E-5

March 2016

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OPERATION

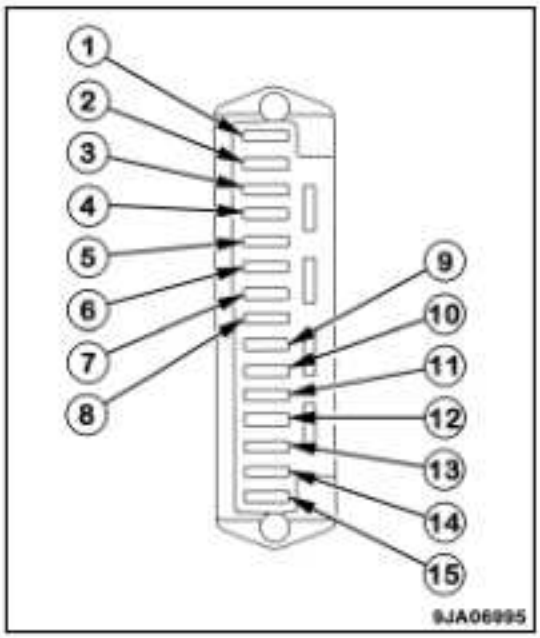
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Fuse Capacity and Name of Circuit

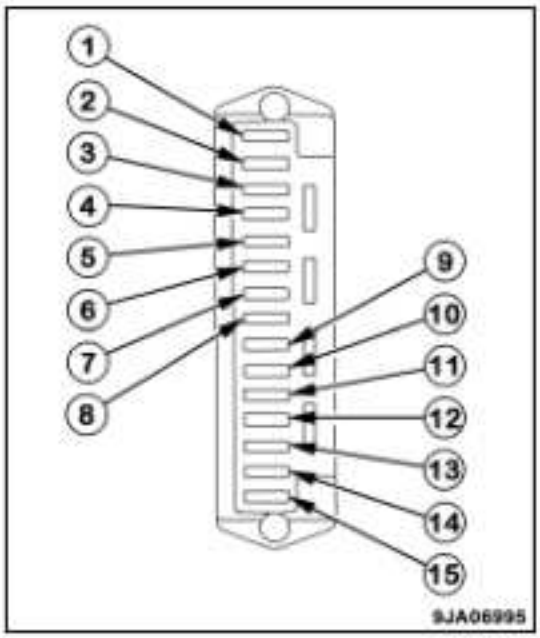
Fuse Box A

No.	Fuse Capacity	Name of Circuit
(1)	10A	Left front lamp
(2)	10A	Right front lamp
(3)	10A	Left clearance lamp
(4)	10A	Right clearance lamp
(5)	20A	Main lamp circuit
(6)	10A	Instrument panel B Load meter printer (if equipped)
(7)	5A	Air conditioner B
(8)	20A	Air conditioner A
(9)	20A	Wiper, washer
(10)	10A	Backup lamp, brake lamp
(11)	10A	Work equipment positioner Work equipment controller A (if equipped)
(12)	5A	Emergency steering
(13)	5A	Parking brake
(14)	10A	Transmission control A
(15)	10A	Horn



Fuse Box B

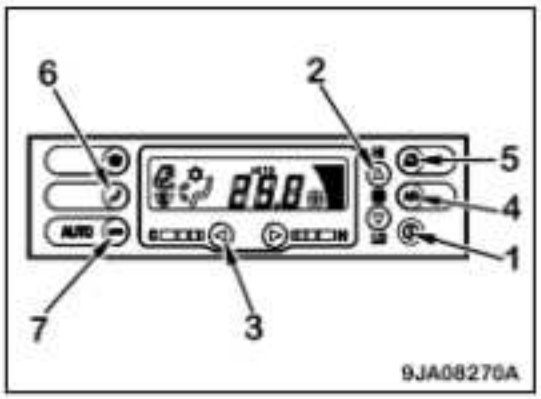
No.	Fuse Capacity	Name of Circuit
(1)	5A	Engine control B
(2)	20A	Rear heated wire glass
(3)	10A	Air suspension seat
(4)	20A	Yellow rotating lamp (if equipped)
(5)	10A	Turn signal indicator
(6)	20A	Car radio, cigarette lighter, 12V power source
(7)	10A	Rear working lamp
(8)	10A	Front working lamp
(9)	10A	Spare 1
(10)	30A	Engine control A
(11)	5A	Transmission control B Work equipment controller B (if equipped)
(12)	10A	Room lamp
(13)	10A	Instrument panel A KOMTRAX
(14)	10A	Hazard lamp
(15)	20A	Ignition switch



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Method of Operation

Cooling Operation



1. Press main power switch (1) of the air conditioner to turn the power ON.
2. Press fan switch (2) and set the air flow to Hi.
3. Press temperature control switch (3) to set to the desired temperature.
4. Press air conditioner switch (4) to turn the air conditioner switch ON.
5. Press RECIRC/FRESH selector switch (5) to select RECIRC.
6. Press mode selector switch (6) to set the vents to FACE.
7. When the temperature inside the cab decreases, use the temperature control switch and the fan switch to set to the desired temperature.

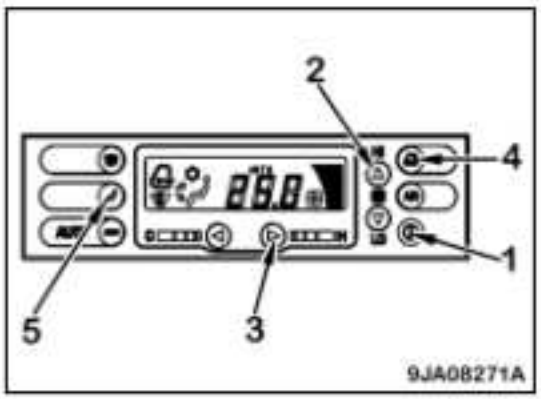
★ When the AUTO switch (7) is pressed, the temperature and location of the vents are automatically selected.

Remark

If the temperature control switch is pressed to set the temperature to the lowest position and the air conditioner is run for a long time with the air flow at Lo, in rare cases, the evaporator may freeze.

If the evaporator freezes and no cold air comes out, turn the air conditioner switch OFF; raise the temperature setting; run it for a short time with the air flow at Hi; then turn the air conditioner switch ON again.

Heating Operation



1. Press main power switch (1) of the air conditioner to turn the power ON.
2. Press fan switch (2) and set the air flow to Hi.
3. Press temperature control switch (3) to set to the desired temperature.
4. Press RECIRC/FRESH selector switch (4) to select FRESH.
5. Press mode selector switch (5) to set the vents to FOOT.
6. When the temperature inside the cab increases, use the temperature control switch and the fan switch to set to the desired temperature.

★ When the AUTO switch is pressed, the temperature and location of the vents are automatically selected.

Remark

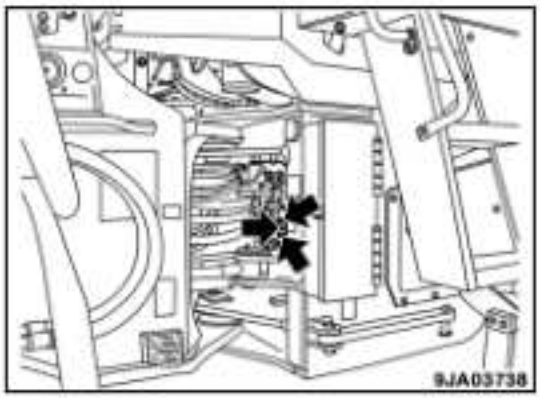
Heating is carried out using the engine coolant;
it can be carried out when the coolant temperature is high.

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Every 100 Hours Service

★ Maintenance for every 50 hours service should be performed at the same time.

Lubricate Rear Axle Pivot Pin



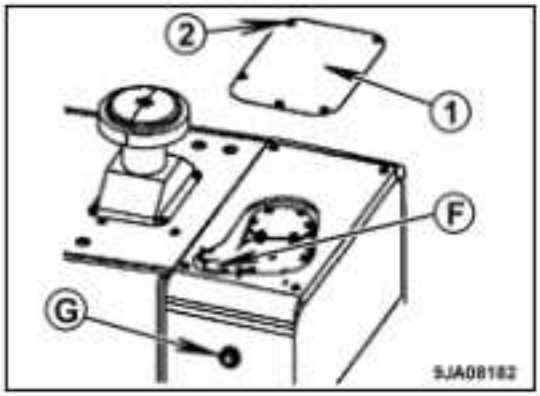
★ Three sites to be greased

1. Using a grease pump, pump in grease through the grease fittings marked by the arrows in the graphic.
2. After greasing, wipe off any old grease that was pushed out.

Check Oil Level in Hydraulic Tank, Add Oil

⚠ WARNING

- **The parts and oil are very hot immediately after stopping the engine, and may cause burns. Wait for the temperature to decrease before starting the work.**
- **When removing the oil filler cap, turn it slowly to release any internal pressure and then remove it.**



1. Park the machine on a level surface; lower the bucket to the ground; stop the engine; and wait for approximately five minutes.
2. Check the oil level with sight gauge (G) on the hydraulic tank.
   - ★ The oil level should be between the H and L marks.
     - ★ If the oil level is above the H level, drain the excess oil from the drain plug. Using the machine with excess oil in the circuit will cause damage to the hydraulic circuit or cause the oil to spurt out.
     - ★ If the oil is below the L mark, remove mounting bolts (2) of cover (1) at the top of the tank; remove cover (1); then add oil through oil filler port (F).

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