TEN00265-04

Operation & Maintenance Manual

WHEEL LOADER **WA320PZ-6**

SERIAL NUMBERS 70001 and up

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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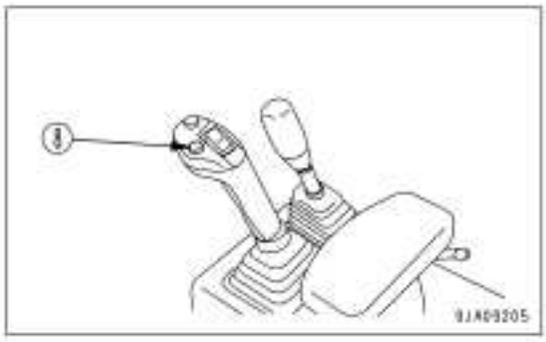
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	Switch position	Mark at switch portion	Monitor display	Traction level selection	Features		
					Traction	Material	Road condition
Traction control OFF	(a)	MAX	None	----	Powerful	Hard-packed	Un-slippery
Traction control ON	(b)			A	↕	↕	↕
				B			
				C	Soft	Loose	Slippery
S mode	(c)			----	Possible to obtain reduced tire slip and suitable drive force to carry out operations easily such as snow-clearing operations on slippery road surfaces		

MAX. TRACTION SWITCH

Use this switch (8) to cancel the traction control or S mode.
Use the traction control switch to select traction control ON or S mode.
When the traction control ON or S mode selection is active, if switch (8) pressed, the traction control or S mode is cancelled and the maximum traction becomes larger. At the same time, the traction control operation pilot lamp or S mode operation pilot lamp on the machine monitor goes out.
To return to the traction control ON or S mode status, press switch (8) again or change the position of the directional lever.



REMARK

Use this function for scooping-up operations or other operations where the maximum traction is desired.

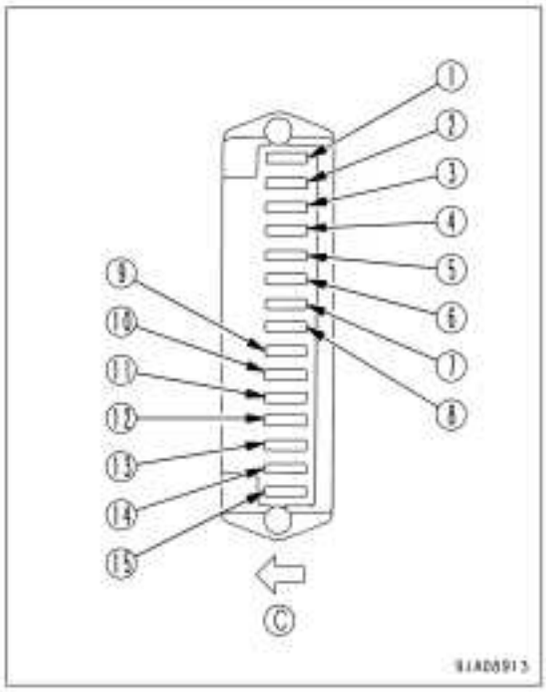
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FUSE CAPACITY AND NAME OF CIRCUIT

FUSE BOX A

(C): Front of machine

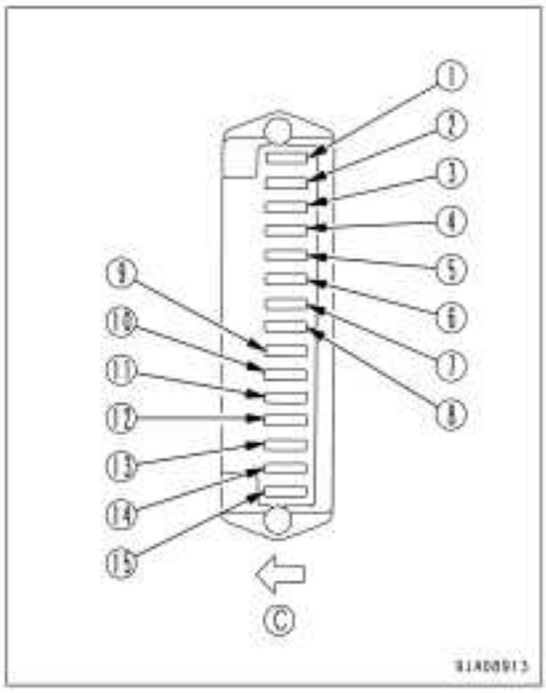
No.	Fuse capacity	Name of circuit
(1)	10A	Radio
(2)	20A	Wiper
(3)	10A	Boom
(4)	15A	HST control
(5)	10A	Reverse lamp, brake lamp
(6)	10A	Turn signal lamp
(7)	10A	Head lamp, right
(8)	10A	Head lamp, left
(9)	10A	Auxiliary power source
(10)	10A	Radio
(11)	10A	Monitor
(12)	30A	Engine cut
(13)	15A	HST control
(14)	10A	Hazard lamp
(15)	20A	Starting switch



FUSE BOX B

(C): Front of machine

No.	Fuse capacity	Name of circuit
(1)	5A	Engine control
(2)	10A	Monitor accessory
(3)	10A	Rear working lamp
(4)	10A	Front working lamp
(5)	10A	Clearance lamp, right
(6)	10A	Clearance lamp, left
(7)	10A	Horn
(8)	10A	Parking brake
(9)	10A	DC converter
(10)	20A	Auxiliary power source KEY ON 24V
(11)	10A	Load meter
(12)	20A	Heated wire glass
(13)	20A	Rotating lamp
(14)	5A	Air conditioner compressor
(15)	20A	Air conditioner blower



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EVERY 500 HOURS SERVICE

CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE ---- 4- 53
REPLACE FUEL PRE-FILTER CARTRIDGE ---- 4- 55

EVERY 1000 HOURS SERVICE

CHANGE OIL IN TRANSFER CASE ---- 4- 57
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CHECK ALTERNATOR DRIVING BELT TENSION AND REPLACEMENT ---- 4- 62

EVERY 2000 HOURS SERVICE

CHANGE OIL IN HYDRAULIC TANK, REPLACE HYDRAULIC FILTER ELEMENT ---- 4- 63
REPLACE HYDRAULIC TANK BREATHER ELEMENT ---- 4- 64
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*: The interval of 2000 hours for changing the axle oil is for standard operations. If the brake is used frequently or the brakes make a sound, change the oil after a shorter interval.

EVERY 4000 HOURS SERVICE

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CHECK STARTING MOTOR ---- 4- 69
CHECK FOR LOOSE ENGINE HIGH-PRESSURE PIPING CLAMPS, HARDENING OF RUBBER ---- 4- 70
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EVERY 8000 HOURS SERVICE

REPLACE HIGH-PRESSURE PIPING CLAMP ---- 4- 71
REPLACE FUEL SPRAY PREVENTION CAP ---- 4- 71

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